



Queens College

**2023-2024 Graduate Catalog**

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## A Message from the Provost

Queens College was founded in 1937 as "The College of the Future," an independent public institution serving the Borough of Queens. Since its inception, Queens College has dedicated itself to excellence in the liberal arts and sciences, and we are known for our fine and performing arts and for educating many of the region's teachers. Queens College has always been dedicated to the idea that a first-rate education should be accessible to talented people of all backgrounds and financial means. Civic engagement and service to the community has also been an ongoing commitment. President Klapper adopted the motto that is still in use today, "Discimus ut serviamus", which translates to "We learn so that we may serve." These themes resonate throughout Queens College's history, from its long history of educating teachers and other education professionals, to the involvement of Queens College's faculty, staff, and students in the Civil Rights movement, to its current mission, values and strategic goals. Queens College seeks to prepare students to serve as innovative leaders in a diverse world that they will make more equitable and inclusive.

We are proud to be a City University of New York campus entrusted with the mission of teaching on both the undergraduate and graduate levels. Our graduate division has an excellent reputation for offering exceptional quality, diversity, and affordability. Our master's programs are highly rated by Washington Monthly, and we are considered a Top Public Regional University by U.S. News and World Report. Queens College is consistently ranked a best-value institution by Forbes, U.S. News and World Report, and the Princeton Review. Among returning students, our outstanding record of admitting and offering extensive services to veterans is recognized by U.S. News and World Report and Victory Media. As of fall 2018, we enrolled over 3,100 graduate students, of whom about 14 percent attend full time, and 86 percent attend part time.

Whether you are considering graduate study as part of a career plan or for the pure pleasure of learning, Queens College has a program to fit your needs. We offer over 100 master's degrees, 64 advanced certificates in over 50 disciplines, and 27 accelerated master's programs which allow students to begin graduate studies while still completing their baccalaureate. Queens College faculty hold appointments at the CUNY Graduate Center, and participate in over 20 PhD programs. As a center for scientific research as well as creative activities, the college is equipped with state-of-the-art science laboratories and world class performance facilities that serve hundreds of graduate students who are pursuing their research at Queens under the supervision of our faculty. Several of our graduate programs are offered fully online.

Queens College faculty are successful in securing external grants from federal funders such as the National Endowment for the Humanities, the National Science Foundation, and the National Institutes of Health. Our Education faculty are awarded funding from New York State and City Departments of Education. In addition, Queens College faculty receive significant funding from the City University of New York. Because we are a federally designated Minority Serving Institution, Queens College receives federal funding under Title III and Title V to support programming for our students. Over 90 percent of our faculty possess doctorates or the highest degrees in their fields. The college has 13 distinguished professors who have been recognized for their exceptional records of scholarly accomplishment and who teach and/or do research with graduate students.

Graduate education thrives in the college's environment of open scholarly exchange. Our students acquire first-rate research and professional skills and, what is most important, the necessary intellectual and critical skills to meet the challenges of tomorrow.

On behalf of President Frank H. Wu, I welcome you to the Graduate Programs at Queens College!

Patricia L. Price, PhD

Interim Provost and Senior Vice President for Academic Affairs

## Calendar

Note: Dates are subject to change. Check the college's website for the most up-to-date information.



**2023-2024 Academic Calendar: Fall 2023**

DATES	DAYS	DESCRIPTION
08/24/2023	Thursday	Last day to drop for 100% tuition refund Last day to file Permit request
08/25/2023	Friday	Start of Fall Term
08/31/2023	Thursday	Last day to add a course Last day to drop for 75% tuition refund Financial Aid Certification Enrollment Status Date
09/01/2023	Friday	Verification of Enrollment rosters available to faculty Grade of WD is assigned to students who officially drop a course
09/04/2023	Monday	College Closed
09/07/2023	Thursday	Last day to drop for 50% tuition refund
09/14/2023	Thursday	Last day to drop for 25% tuition refund Last day to Change or Declare a Major/Minor to be effective Fall 2022 Census date Verification of Enrollment Rosters Due from faculty
09/15/2023	Friday	WN Grades assigned Grade of W is assigned to students who officially withdraw from a course
09/15/2023-09/17/2023	Friday-Sunday	No classes scheduled
09/24/2023-09/25/2023	Sunday-Monday	No classes scheduled
09/25/2023	Monday	WA Grades Assigned - Immunization non-compliance
10/09/2023	Monday	College Closed
10/10/2023	Tuesday	Classes follow Monday schedule
11/03/2023	Friday	R2T4 60% Date for the term
11/22/2023	Wednesday	No Classes Scheduled
11/23/2023-11/24/2023	Thursday-Friday	College Closed - No classes scheduled
11/25/2023-11/26/2023	Saturday-Sunday	No classes scheduled
12/11/2023	Monday	Last day to drop a course with a grade of W
12/12/2023-12/13/2023	Tuesday-Wednesday	Reading Day
12/14/2023-12/20/2023	Thursday-Wednesday	Final Examinations
12/20/2023	Wednesday	End of Fall Term
12/24/2023-12/25/2023	Sunday-Monday	College Closed - No classes scheduled
12/26/2023	Tuesday	Final Grade Submission Deadline*
01/01/2024	Sunday	Fall 2023 Degree Conferral Date

**2023-2024 Academic Calendar: Spring 2024 - Winter Session**

DATES	DAYS	DESCRIPTION
01/02/2024	Tuesday	Start of Winter Session
01/15/2024	Monday	College Closed
01/23/2024	Tuesday	End of Winter Session
01/24/2024	Wednesday	Final Grade Submission Deadline*

## 2023-2024 Academic Calendar: Spring 2024

DATES	DAYS	DESCRIPTION
01/18/2024	Thursday	Last day to file Permit request
01/24/2024	Wednesday	Last day to drop for 100% tuition refund
01/25/2024	Thursday	Start of Spring Term Classes Begin
01/31/2024	Wednesday	Last day to add a course Last day to drop for 75% tuition refund Financial Aid Certification Enrollment Status Date
02/01/2024	Thursday	Verification of Enrollment Rosters Available to faculty Grade of WD is assigned to students who officially drop a course
02/07/2024	Wednesday	Last day to drop for 50% tuition refund
02/12/2024	Monday	College Closed
02/14/2024	Wednesday	Last day to drop for 25% tuition refund Last day to Change or Declare a Major/Minor to be effective Spring 2024 Census date Verification of Enrollment Rosters Due from faculty
02/15/2024	Thursday	WN Grades assigned Grade of W is assigned to students who officially withdraw from a course
02/19/2024	Monday	College Closed
02/22/2024	Thursday	Classes follow a Monday schedule
02/24/2024	Saturday	WA Grades Assigned - Immunization non-compliance
02/28/2024	Wednesday	Classes follow Monday schedule
03/29/2024-03/31/2024	Friday-Sunday	No Classes Scheduled
03/31/2024	Sunday	R2T4 60% Date for the Session
04/22/2024-04/30/2024	Monday-Tuesday	Spring Recess
05/15/2024	Wednesday	Last day to withdraw from course with a grade of W
05/16/2024-05/22/2024	Thursday-Wednesday	Final Examinations
05/22/2024	Wednesday	End of Spring Term
05/27/2024	Monday	College Closed
05/28/2024	Tuesday	Final Grade Submission Deadline*
06/01/2024	Saturday	Spring 2024 Degree Conferral Date

### EMERGENCY CLOSINGS

The fastest way to find out if the college will be closed due to the weather or other emergency condition is to go to [www.qc.cuny.edu/alert](http://www.qc.cuny.edu/alert). There you can see if/when the college will be closed, if classes will be canceled, and if the QC Shuttle Bus will be operating. Another way to be notified about emergencies or weather-related closings, via phone or email, is through CUNY Alert (sign up at [cuny.edu/news/alert.html](http://cuny.edu/news/alert.html)). Should an emergency necessitate the closing of the college, every effort will be made to provide a timely announcement on the college's homepage ([www.qc.cuny.edu](http://www.qc.cuny.edu)), its social media channels, and over the following outlets:

WCBS	880AM	<a href="https://newyork.cbslocal.com">https://newyork.cbslocal.com</a>
WINS	1010AM	<a href="https://1010wins.radio.com/">https://1010wins.radio.com/</a>
NY1	Channel 1	<a href="http://www.ny1.com">www.ny1.com</a>
WNBC-TV	Channel 4	<a href="http://www.nbcnewyork.com">www.nbcnewyork.com</a>
WNYW	Fox Channel 5	<a href="http://www.fox5ny.com">www.fox5ny.com</a>

### Important Notice of Possible Changes

The Board of Trustees of the City University of New York reserves the right to make changes of any nature in the academic programs and requirements of the City University of New York and its constituent colleges. All programs, requirements, and courses are subject to termination or change without advance notice. Tuition and fees set forth in this publication are similarly subject to change by the CUNY Board of Trustees.

Queens College is an affirmative action/equal opportunity educator and employer.

## Queens College Today

Queens College first opened its doors in 1937, in the middle of the Great Depression, to students who were mostly immigrants or the children of immigrants. These people came to the college knowing that education was their surest road to a better life.

Today, in a world that has grown both smaller and more complex, the college retains its international flavor with students representing more than 170 nations attending classes here. And, just as before, Queens College is helping these students achieve their goals while giving them the skills to address the problems of a challenging time.

The college carries out its responsibilities by providing learning opportunities to the community, taking the word “community” in its broadest sense. The scholarly resources of our world-class faculty and facilities offer students a rich learning environment and a quality education at a reasonable cost. Through postgraduate study at Queens, students may expand their career opportunities by learning new professional skills, satisfying their scholarly interests, and participating in research that enriches our society.

Queens College students have been the recipients of many fellowships and awards, and members of the faculty have received numerous national and international fellowships, awards, and research grants.

Graduate programs are offered in all academic divisions as well as the Aaron Copland School of Music, the School of Earth & Environmental Sciences, and the Graduate School of Library & Information Studies. The college is organized into the following schools. (Please note that Queens College’s area code is 718.)

## **Arts & Humanities School**

997-5790

Art 997-4800

English 997-4600

European Languages & Literatures 997-5980

Hispanic Languages & Literatures 997-5660

Linguistics & Communication Disorders 997-2870

Media Studies 997-2950

### **Aaron Copland School of Music**

997-3800

## **Education School**

997-5220

Educational & Community Programs 997-5234

Elementary & Early Childhood Education 997-5302

Secondary Education & Youth Services 997-5150

## **Mathematics & Natural Sciences School**

997-4105

Biology 997-3400

Chemistry & Biochemistry 997-4100

Computer Science 997-3566

Family, Nutrition & Exercise Sciences 997-4475

Mathematics 997-5800

Physics 997-3350

Psychology 997-3200

### **School of Earth & Environmental Sciences**

997-3300

## **Social Sciences School**

997-5210

Accounting & Information Systems 997-5070

Data Analytics and Applied Social Research (Sociology) 997-2800

History 997-5350

Philosophy 997-5270

Risk Management 997-5387

Urban Studies 997-5130

### **Graduate School of Library & Information Studies**

997-3790



## Degree & Certificate Offerings

Queens College offers the following graduate degrees: Master of Arts, Master of Arts in Liberal Studies, Master of Arts in Teaching, Master of Fine Arts, Master of Library Science, Master of Music, Master of Science, and Master of Science in Education. Certificate programs currently accepting students include: Applied Behavior Analysis in Psychology, Post-Master's Certificate in Library Science, Specialist Diploma in Educational Leadership, School District Leader, and the Professional Certificate in School Psychology.

Post-baccalaureate Advanced Certificates leading to New York State provisional teacher certification are offered in Elementary Education in Visual Arts (K-12), Family and Consumer Science (K-12), Music (pre-K-12), and Physical Education (K-12); and in Adolescent Education in English, English Language Teaching, French, General Science (Biology, Chemistry, Earth Science, and Physics), Italian, Mathematics, Social Studies, and Spanish. Bilingual certificates are offered in connection with master's degree programs in Counselor Education, School Psychology, and Special Education. Post-baccalaureate certificate programs in Librarianship are also offered.

### BA/MA Degrees

For qualified undergraduate students, the Departments of Biology, Chemistry & Biochemistry, Philosophy, and Physics offer the opportunity to receive combined bachelor's and master's degrees. Application to the BA/MA program should be made during the upper sophomore or lower junior semester; admission is granted only in the junior year. Full details and application forms can be obtained from the chair or graduate advisor of these departments. See page 10 for a listing of the BA/MA degree programs officially registered under HEGIS codes with the New York State Department of Education (Office of Higher Education & the Professions, Cultural Education Center, Room 5B28, Albany, NY 12230; 518-474-5851).

Students are advised that enrollment in other than registered or approved programs may jeopardize their eligibility for certain student aid awards.

### Master's Degrees

See listing on pages 10-12 for all the master's degrees that are offered by the college, along with their HEGIS and New York State Education codes.

### Certificate Programs

The certificate programs offered by the college are listed on page 12, along with their HEGIS and New York State Education codes.

### Doctoral Programs

Many members of the Queens College faculty participate in the doctoral programs of the City University of New York, which are coordinated through the CUNY Graduate School located in midtown Manhattan. In addition to awarding the PhD degree, the Graduate School offers many services for graduate students, including library and computer research facilities.

The following PhD degrees are offered: Anthropology, Art History, Biochemistry, Biology, Biomedical Sciences, Business, Chemistry, Classics, Comparative Literature, Computer Science, Criminal Justice, Earth & Environmental Sciences, Economics, Educational Psychology, Engineering, English, French, Germanic Languages & Literatures, Hispanic & Luso-Brazilian Literatures, History, Linguistics, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Sociology, Speech & Hearing Sciences, Theatre, and Urban Education. Both PhD and MD/PhD degrees are offered in Biomedical Sciences, and the DSW is offered in Social Welfare. The DMA is offered in Music Performance. Advanced doctoral work in Biochemistry, Biology, Chemistry, Computer Science, Geology, Physics, and Psychology (Neuropsychology and Learning Processes: Behavior Analysis) is given at Queens.

The first 30 credits of graduate work at the master's level constitute the first year of the doctoral program in some departments. Financial assistance may also be available. For more information, contact the appropriate department at the college or the CUNY Graduate School, 365 Fifth Avenue, New York, NY 10016-4309.



## Requirements

Students are responsible for meeting degree requirements in force at the time of their first enrollment as matriculated students. Changes to the structure of a program will be applied in such a way as to avoid increasing the number of credits required of students who have started taking courses in the program. If degree requirements are changed following matriculation, the student may have the option of satisfying either the original or new requirements.

Students dismissed for academic reasons may be subject to new regulations, depending on how long after dismissal the student returns and such other factors as may be taken into account by the Graduate Scholastic Standards Committee.

Please consult the appropriate departmental listing in this Bulletin for specific degree and advanced certificate requirements, including the number of semester hours required for the program, mandatory courses, etc. General requirements are as follows:

*Minimum Grade-Point Average of B (3.0):* All programs must be completed with a minimum average of at least B (3.0). At the completion of the total credits allotted to a program, if a student does not have a 3.0 average and wishes to register for additional courses in order to attempt to raise the grade-point average, permission to do so must be obtained from the appropriate academic dean. Such courses must be taken at Queens College. For information on probationary status and dismissal, see the section on Scholastic Standards.



*Time Limits:* All programs must be completed within the time limits permitted for each degree and advanced certificate program. The time limit for completion of all requirements for the Master of Arts, Master of Arts in Liberal Studies, Master of Fine Arts, Master of Library Science, or Master of Science degree is four years. The time limit for the Master of Arts in Teaching and the Master of Science in Education degree is five years. Time limits for certificate programs are noted under the appropriate departmental listing in this Bulletin. Transfer credits or credits taken as a non-matriculant that have been approved by the department must have been taken within the time limit. Requests for extensions of time must be submitted to the appropriate academic dean.

*Credit Requirement:* The number of credits required for master's degree programs varies by program and ranges from 30 to 60. The number of credits required for certificate and diploma programs also varies. Please consult the appropriate departmental listing in this Bulletin for the credits each program requires.

*Thesis and/or Comprehensive Examination Requirement(s):* Consult the appropriate departmental listing in this Bulletin to determine if a thesis and/ or comprehensive examination constitutes part of the requirements for the degree or advanced certificate.

## Summer Session

The college offers several Summer Sessions. Graduate courses are scheduled during two six-week sessions, and also may be given during the four-week session. All of the college's academic, recreational, and cultural facilities are available during this period. For graduate courses and other information, please visit the Summer Session website ([www.qc.cuny.edu/summer](http://www.qc.cuny.edu/summer)), or write to Summer Session, Queens College, CUNY, Queens, NY 11367-1597. Limited graduate courses are offered in the Summer Session; consult your individual department and/or MA advisor for details about your program.

## Transfer Credits

In most cases, a maximum of 12 credits of graduate work completed at other institutions may be accepted as transfer credit, if approved by the appropriate department(s) and taken within the time limit specified for the degree or certificate program.

Matriculated students seeking transfer credit for graduate work taken at another institution must submit the request for evaluation of such credit no later than the end of their second semester in attendance. The credits to be transferred must have been taken before the student matriculated at Queens College.

Only the following grades will be accepted for transfer credit: A+, A, A-, B+, B, and B-. (In cases where a student obtained a P grade, and the P is equivalent to no lower than a B-, the grade may be transferred if approved by the appropriate department.)

Some graduate programs will not accept courses for credit where the grade is below B. Check the departmental listing in this Bulletin.

New graduate matriculants who wish to transfer credits from one Queens College record to another Queens College record must file a departmentally approved Advanced Standing Transfer Credit Form in the Graduate Admissions Office (Jefferson Hall, 1st floor).

## Permits

Currently enrolled matriculants who wish to take courses at another institution must first file for an official permit through the Office of the Registrar prior to taking the course. The permit acts as an agreement to allow the student to receive credit for one or more courses completed at another institution. Permits must be filed during the registration period for the term in which the course is to be taken. Retroactive permits will not be issued.

There are two types of permit:

1. CUNY permits (E-Permits), for courses taken at another CUNY institution, are filed online by logging on to CUNYfirst, Student Self-Service. In the dropdown menu under Academic, select ePermit.
2. Non-CUNY permits, for courses taken at institutions unaffiliated with CUNY, are filed by submitting a Non-CUNY Permit Request form to the Office of the Registrar. The form must be signed by a faculty graduate advisor to indicate departmental permission for the courses to be taken, and must be processed by the Office of the Registrar. Forms are available online at [www.qc.cuny.edu/registrar](http://www.qc.cuny.edu/registrar). Courses taken with a non-CUNY permit receive credit only; grades for such courses are not included in the student's GPA.

To be eligible for a permit to enroll outside Queens College in a course or courses pertaining to a graduate degree or certificate program, a student must first:

1. be matriculated in a graduate degree or certificate program at the college;
2. have obtained the approval of the departmental graduate advisor for the permit; and
3. have registered for and completed with a passing grade at least one undergraduate prerequisite course or one graduate course as part of the graduate program at Queens College—except that, if the student is in the first semester of attendance, he/she must register in at least one graduate or undergraduate course at Queens while simultaneously registering elsewhere for the permit course(s).

Students who have taken an entire semester's program on permit at an institution other than a CUNY college must pay a reentry fee and file a graduate reentry application.

## Transfer and Permit Courses Grades and GPA

Transfer credit grades and grades earned on permit at a non-CUNY institution will not be counted into the cumulative grade-point average (GPA); only the course equivalent or elective credits are posted to the student's record at the college. A minimum grade of B- must be earned in order to receive credit for the course toward the degree. It is the responsibility of the student to have an official transcript sent to the Office of the Registrar once the course is completed. No advanced standing or transfer credit may be posted to a student's Queens College record unless an official transcript certifying to the completion of the work has been submitted.

*Important note:* As of the Fall 2004 semester, grades earned for coursework completed on permit at a CUNY institution other than Queens College will be posted to the student's record and will be counted into the student's GPA. Queens College will now secure the grade from the host college on the student's behalf.

## Thesis, Capstone Project, or Research Papers

A student matriculated in a department that requires a master's thesis, capstone project, or research papers must submit the manuscript in as many copies as required to the departmental advisor for approval. The title page of the manuscript must bear the following description: "Submitted in partial fulfillment of the requirements for the degree of Master of Arts or Master of Arts in Liberal Studies or Master of Library Science in (Department) in the Graduate Division of Queens College of the City University of New York, date." Thesis, capstone project, and research paper approvals must be submitted to the appropriate academic dean prior to the degree conferral date. These approvals must then be forwarded by the office of the dean to the Registrar's Office to be posted to the student's record on or before the conferral date.

After the manuscript has been approved, the student must arrange for binding. A \$25 binding fee must be paid at the Bursar's window, and a receipt will be issued. The receipt and two copies of the manuscript must be taken to the Catalogue Department, Rosenthal Library, Room 201. One bound copy of the manuscript is retained by the Library and becomes part of its collection. A second bound copy is for the academic department. If desired, a third copy may be submitted, which, when bound, will become the property of the student.

## Appeals

For relief from or waiver of regulations of the Graduate Division, students may petition the Office of the Provost. Appeals of the decision of the office may be directed to the Graduate Scholastic Standards Committee through the Associate Provost.



## BA/MA DEGREES

<i>Program (and QC Program Code)</i>	<i>HEGIS Code</i>	<i>NYS Ed. Code</i>
Biology (26.0101)	0401	37475
Chemistry & Biochemistry (021)	1905	02798
Philosophy (081)	1509	02772
Physics (085)	1902	02787

## Master's Degrees

Master's degrees are offered in these officially registered graduate programs, listed with their HEGIS and New York State Education codes.

**MASTER OF ARTS DEGREES**

<i>Program</i>	<i>HEGIS Code</i>	<i>NYS Ed. Code</i>
Applied Behavior Analysis	2099	33417
Applied Linguistics	1505	85420
Art History	1003	02728
Behavioral Neuroscience	0425	32823
Biology	0401	02698
Chemistry & Biochemistry	1905	02796
Computer Science	0701	02705
Economics*	2204	02812
English	1501	02762
French	1102	02737
Geology	1914	02801
History	2205	02814
Italian	1104	02744
Mathematics	1701	02780
Media Studies	0601	02703
Music	1004	02731
Physics	1902	02784
Psychology	2001	02806
Psychology: Clinical Behavioral Applications in Mental Health Settings*	2099	90172
Sociology	2208	02819
Spanish	1105	02748
Speech Pathology	0815.00	26448
Urban Affairs	2214	02820

\*Applications to this program are not currently being accepted.

<i>Program</i>	<i>HEGIS Code</i>	<i>NYS Ed. Code</i>	<i>Program</i>	<i>HEGIS Code</i>	<i>NYS Ed. Code</i>
<b>MA IN LIBERAL STUDIES</b>	4901	82492	Adoles. Ed.: Chemistry (7–12)	1905.01	26426
<b>MASTER OF FINE ARTS</b>			Adoles. Ed.: Chemistry	0899.50	27481
Creative Writing	1507	31162	Adoles. Ed.: Chinese		
Studio Art	1002	02726	Adoles. Ed.: Earth Science (7–12)	1917.01	26428
<b>MASTER OF LIBRARY SCIENCE</b>			Adoles. Ed.: Earth Science	0899.50	27482
Library Science	1601.00	02778	Adoles. Ed.: English (7–12)	1501.01	26423
School Media Specialist	0899.01	26411	Adoles. Ed.: English	0899.50	27476
School Library Media Specialist	1601	34038	Adoles. Ed.: French (7–12)	1102.01	26430
<b>MASTER OF MUSIC DEGREES</b>			Adoles. Ed.: French	0899.50	27477
Classical Performance	1004.00	35704	Adoles. Ed.: Italian (7–12)	1104.01	26431
Jazz Studies	1004.00	35705	Adoles. Ed.: Italian	0899.50	27478
<b>MASTER OF SCIENCE DEGREES</b>			Adoles. Ed.: Mathematics (7–12)	1701.01	26424
Accounting & Info. Systems	0502.00	22642	Adoles. Ed.: Mathematics	0899.50	27484
Applied Environmental Geoscience	1914.00	30266	Adoles. Ed.: Physics (7–12)	1902.01	26427
Childhood Ed.	0899.50	27071	Adoles. Ed.: Physics	0899.50	27483
Nutrition & Exercise Science	1229.30	22412	Adoles. Ed.: Social Studies (7–12)	2201.01	26429
(specializations in Nutrition and Exercise Sciences)			Adoles. Ed.: Social Studies	0899.50	27485
Photonics	1902	35448	Adoles. Ed.: Spanish (7–12)	1105.01	26432
Risk Management: Accounting	0502	34081	Adoles. Ed.: Spanish	0899.50	27479
Risk Management: Dynamic Models	0505	33805	Art Ed. (Visual Arts)	0831.00	26446
Risk Management: Finance	0505	33804	Childhood Ed. (1–6)	0802.00	26439
			Childhood Ed. with Biling. Ext. (1–6)	0899.00	26440
			Childhood Special Education	0899.50	30492
			Counselor Ed.	0826.01	02712
			Early Childhood Ed. (B–2)	0823.00	26438
			Family & Cons. Sci. Teacher Ed. (K–12)	1301.01	26422

**MASTER OF ARTS IN TEACHING**

Adolescent English Ed. (7–12)	0803.00	36535
Adolescent Math Ed. (7–12)	0803.00	36534
Adolescent Visual Art Ed. (7–12)	0803.00	36536
Childhood Ed. (1–6)	0802.00	26436
Childhood Ed., Biling. Ext. (1–6)	0899.00	26441
Childhood Special Ed. (1–6)	0808.00	32461
Early Childhood Ed. (B–2)	0823.00	26434
Special Ed. Generalist	0808.00	32462

**MASTER OF SCIENCE IN EDUCATION**

Adoles. Ed.: Biology (7–12)	0401.01	26425
Adoles. Ed.: Biology	0899.50	27480

\*Applications to this program are not currently being accepted.

Program	HEGIS Code	NYS Ed. Code
Special Ed.: Italian (7–12)	0899.50	30497
Special Ed.: Math (7–12)	0899.50	30495
Special Ed.: Physics (7–12)	0899.50	30503
Special Ed.: Social Studies (7–12)	0899.50	30499
Special Ed.: Spanish (7–12)	0899.50	30498
Teacher of Special Ed. (B–2) (1–6)	0808.00	26412
(7–12)	0808.00	26482
Teaching English to Speakers of Other Languages (TESOL)	1508	26444

**CERTIFICATE PROGRAMS****POST-BACCALAUREATE ADVANCED CERTIFICATES**

Program	HEGIS Code	NYS Ed. Code
Adoles. Ed.: Biology	0401.01	26868
Adoles. Ed.: Chemistry	1905.01	26869
Adoles. Ed.: Chinese	1107.00	32707
Adoles. Ed.: Earth Science	1917.01	26870
Adoles. Ed.: English	1501.01	26864
Adoles. Ed.: French	1102.01	26865
Adoles. Ed.: Italian	1104.01	26866
Adoles. Ed.: Mathematics	1701.01	26872
Adoles. Ed.: Physics	1902.01	26871
Adoles. Ed.: Social Studies	2201.01	26873
Adoles. Ed.: Spanish	1105.01	26867
Applied Behavior Analysis	2299.00	22225
Archives & Records Management & Preservation	0699.00	28084
Art – Critical Social Practice		
Art Ed. (Visual Arts)	0831.00	26447
Bilingual Ed.: Education	0802.00	32783
Biling. Ed.: ITI	0890.00	32722
Biling. Pupil Personnel	0899.00	32165
Biling. Pupil Personnel–Intensive	0899.00	32166
Childhood Ed. (Grades 1–6)	0802.00	26437
Children/Youth Serv. in Public Lib.	1699.00	26916
Early Childhood Education (B–2)	0802.00	31393
Earth Science (7–12)	1917.01	28142
Educational & Learning Technologies	0899.00	89023

Literacy Teacher (B–6) (5–12)	0830.00	26420
Mental Health Counseling	0830.00	26421
Music Ed. (pre-K–12, 36 credits)*	0832.00	26450
Music Ed. (pre-K–12, 30 credits)	0832.00	26449
Music Ed.	0899.50	27072
Physical Ed. Teaching Curric.	0835.00	26414
School Psychologist	0826.02	02711

**Teacher of Special Education 7–12**

Special Ed.: Generalist	0899.50	30493
Special Ed.: Biology (7–12)	0899.50	30500
Special Ed.: Chemistry (7–12)	0899.50	30501
Special Ed.: Earth Sci (7–12)	0899.50	30502
Special Ed.: English (7–12)	0899.50	30494
Special Ed.: French (7–12)	0899.50	30496

Program	HEGIS Code	NYS Ed. Code
English Language Teaching	1508.00	31946
Family & Cons. Sci. Teacher Ed. (K–12)	1301.01	26442
Music and Production (MAP) Advanced Cert.*		
Music Ed. (pre-K–12)	0832.00	31639
Music Performance – Prof. Studies	1004.00	32426
Physical Ed.	0835.00	26416
Special Ed.		
Adoles. Ed. (7–12)	0808.00	35670
Childhood Ed. (1–6)	0808.00	32803
Early Childhood (B–2)	0808.00	32802
TESOL: ITI	0899.60	32258

**POST-GRADUATE CERTIFICATE**

Art – Critical Social Practice	1099.00	38055
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**POST-BACCALAUREATE ADVANCED DIPLOMAS**

Chamber Music	1004.00	32425
Music Performance	1004.00	32424

**POST-MASTER'S ADVANCED PROGRAMS**

Child Development Psychology	0802.00	31395
Children's Literature (1–6)	0802.00	31398
Early Childhood Education (B–2)	0802.00	31393
Language Minority Ed. (B–6)	0899.00	31394
Librarianship	1601.00	76018
Mathematics Ed. (1–6)	0802.00	31399
Music Performance	1004.00	32424
School Building Leader <sup>†</sup>	0828.00	28942
School District Leader	0827.00	32369
School Psychology <sup>‡</sup>	0826.02	12900
Science Ed. (1–6)	0802.00	31396
Social Studies Ed.	0802.00	31397
TESOL & Elementary Bilingual Ed.**		

\*Applications to this program are not currently being accepted.

<sup>†</sup>This advanced certificate program leads to a specialist diploma in School Building Leadership at both elementary and secondary school levels.<sup>‡</sup>This professional certificate program is offered in conjunction with the Master of Science in Education program.

\*\*Pending NYS Ed. approval; consult Prof. Vago in TESOL or Prof. Velasco in EECE.

## Government, Services & Facilities

Graduate students are encouraged to take advantage of the numerous services and facilities offered by Queens College. There is something for everyone: students can receive career and personal counseling; become involved in the governing of the college by joining the Academic Senate; attend musical and theatrical events; or enjoy a swim in the pool in FitzGerald Gymnasium. Parking is available for those who drive. A college-issued identification card will facilitate students' access to the campus. (Please note that Queens College's area code is 718.)

### Student Government

#### Academic Senate

The Academic Senate is the chief legislative body of the college and, subject to the CUNY Board of Trustees, is responsible for the formulation of policy relating to the admission and retention of students, curriculum, granting of degrees, campus life, and the nomination and review of academic (full) deans. It also establishes rules governing the use of the college name by organizations and clubs, and conducts all educational affairs customarily cared for by a college faculty. There are twenty student representatives and forty faculty delegates/senators. Student representatives are elected every spring by the student body. In addition, there are eleven active Academic Senate standing committees, three special committees, and two college committees, all of which have student members. These committees deal with issues ranging from curriculum and academic standards to campus beautification. Applications for committee membership are available at [www.qc.cuny.edu/academicsenate](http://www.qc.cuny.edu/academicsenate).

The Academic Senate usually meets one Thursday of each month from September through May. Meetings are held in Kiely Hall 170 and are open to all. Members of the college community—faculty, staff, and students—are encouraged to participate in discussions. A complete description of the Academic Senate is available in the Senate office in Kiely Hall 141 (718-997-5880; [www.qc.cuny.edu/academicsenate](http://www.qc.cuny.edu/academicsenate)).

## Graduate Scholastic Standards Committee

The committee is made up of faculty and graduate students representing each division of the college. It constitutes a board of final appeal for students requesting relief from scholastic regulations and requirements of the Graduate Division. Such requests must be directed initially to the Dean of Graduate Studies.

## Graduate Curriculum Committee

All proposals to change the present curriculum of the Graduate Division, including proposals for new programs, courses, changes in requirements and prerequisites, etc., must be presented to the Graduate Curriculum Committee for review and approval prior to submission to the Academic Senate. The committee is composed of faculty and graduate students representing each division of the college.

## Student Services

### Student Association

#### Student Union 319; 997-4862

The Student Association represents all students, clubs, organizations, and interest groups at Queens College. It offers a variety of services, programs, and events to undergraduate and graduate students. As home to the Student Senate and student leaders across campus, it is the backbone of student-run initiatives and involvement on campus. Its office provides an open student lounge where all students can socialize and relax. Any student interested in joining may go directly to the office and pick up an application (Monday–Friday, 9 am–6 pm).

## Graduate Student Organizations

*Chi Sigma Iota–Nu Gamma Psi* is an honor society for students in the Graduate Counselor Education Program.

*Graduate Counselor Education Club* acts as an advocate for school/mental health counseling professions and educates the community about the role of a school/ mental health counselor (Powdermaker 032).

*Graduate Fine Arts Club* acts to inform the community about the arts, increase the audience for Master of Fine Arts events, and strengthen the program (Klapper Hall 673; 997-4791).

Graduate Library and Information Studies Student Association alerts students to the importance of networking and sharing ideas while they study, observe, and begin their careers as librarians and information technology specialists.

*Graduate Music Association* presents professionally-led concerts of music composed by its student members.

*Graduate School Psychology Club* helps to further the education of members and keep them informed about the field (Powdermaker 030; 997-5230).

## Graduate Award

An annual prize is awarded to recognize outstanding scholarship and exceptional research or accomplishment in the creative arts and humanities as well as the mathematical, physical, biological, and social sciences. Students who are nominated by a faculty member and are graduating with a Master of Arts, Master of Arts in Liberal Studies, Master of Arts in Teaching, Master of Fine Arts, Master of Library Science, Master of Science, or Master of Science in Education degree are eligible. Many academic departments also provide specialized awards for graduating students.

## Scholarships

Thanks to the generosity of the Queens College Foundation, the college is able to award over 60 part-time (\$5,500) and full-time (\$8,500) scholarships to master's students entering Queens College graduate programs in the 2020–2021 academic year. For information on how to apply, visit the Graduate Admissions website at [www.qc.cuny.edu/admissions/graduate](http://www.qc.cuny.edu/admissions/graduate).

## Veterans and Military Service Information

Queens College is an approved training institution for veterans, disabled veterans, military personnel, spouses, and dependents. Students who believe they are eligible for benefits can be certified to the Veterans Administration by going to Veterans Support Services (Student Union 320) at the time of acceptance. Students must notify the certifying official of all changes in their credit load to ensure their eligibility for future benefits. (See also information under Veterans Administration Educational Benefits in the section on Tuition, Fees & Financial Aid.)

## Office of the Vice President for Enrollment & Student Retention Kiely Hall 1305; 997-5929

The Division of Enrollment and Student Retention brings enhanced focus and support to all facets of the student experience in admission, enrollment, advising, and degree completion. The division is responsible for the following areas across the campus: Admissions, QC Hub (includes the functions of Financial Aid, the Registrar, and the One Stop Service Center), Academic Advising, Testing, and College Now.

## Financial Aid Services

Jefferson Hall 997-5102; fax 997-5122; [www.qc.cuny.edu/fao](http://www.qc.cuny.edu/fao)

For our current location and office hours, please visit our website.

## Office of the Registrar

Jefferson Hall, 1st Floor; 997-4400 Hours (for referrals and appointments only): Mon.–Fri., 9 am–5 pm Customer Service hours: Visit the One-Stop Service Center, Dining Hall, Room 128, Mon.– Fri., 9 am–5 pm, and Tues.–Wed., 5–7 pm (when classes are in session)

For information on registrar services, see [www.qc.cuny.edu/registrar](http://www.qc.cuny.edu/registrar).

## Division of Student Affairs

Student Union, Room 327 997-5500; [VPSA@qc.cuny.edu](mailto:VPSA@qc.cuny.edu)

The Office of the Vice President for Student Affairs is an advocate for students in their lives beyond the classroom, including by helping them explore and secure campus services. It also assists them with any concerns or complaints they may have about the college. Its objectives include helping students succeed individually and building a sense of community on campus.

## Center for Career Engagement and Internships

Frese Hall 213; 997-4465; fax 997-4463 <http://career.qc.cuny.edu> Hours: Mon.–Fri., 9 am–5pm. (Tues. and Wed. until 7pm when classes are in session)

The Center for Career Engagement and Internships is the student's link between the academic and the business and professional worlds. Queens College alumni also are allowed to access some services. In addition to one-on-one career counseling, many other resources are available for students:

- Counseling on how to choose a college major and select a career.
- Computer-assisted counseling and information to explore different college majors, graduate schools, and information on part-time job opportunities for current students who wish to develop practical work experience while earning money.
- Internship preparation assistance, referral, and follow-up.
- Workshops on career exploration for students who are in the process of defining their career goals through interaction with alumni and other professionals.
- Workshops on the question: "What can you do with your major?"
- Job-search counseling for graduating students who are preparing to enter the workforce.
- Summer job information and referral.
- Workshops on resume writing, interview techniques, and job-search strategies to help students develop skills to organize their educational and work experience to prepare for the transition from college to work.
- On-campus recruitment for graduating students through campus interviews.
- Full-time job information for graduating students and recent alumni.
- Information on recruiting organizations, employers and career directories, current job vacancy listings, and an array of other career resources.
- Credential Services: The office has made arrangements with Interfolio, Inc., which offers web-based credentials file management to handle our credentials service. Interfolio maintains an electronically stored credential service that offers students convenience and accessibility. To begin using these services, students must create an account at [www.interfolio.com](http://www.interfolio.com). Further information is available at the Center for Career Engagement and Internships. Through this important resource, recommendation letters can be forwarded to graduate schools and prospective employers to support your applications.
- An Internet-based internship, career, and job information system (on Symplicity).

An internship is a supervised education program that integrates classroom learning with work experience. The program provides students with individualized, structured, career-exploration opportunities that include:

- Career counseling
- Resume preparation
- Information on interviewing techniques
- Job-search strategies
- Work experience
- Professional enrichment

The program is administered by the Center for Career Engagement and Internships in cooperation with the academic departments that sponsor internships and offer academic credit as appropriate.

## The Child Development Center at Queens College

Kiely Hall 245; 997-5885

The center provides high-quality early care and education for children (30 months to 5 years) of QC students. We also offer an after-school program for children (5 to 10 years of age) from 4 to 8 pm. For more information, visit [www.qc.cuny.edu/childdev](http://www.qc.cuny.edu/childdev).

## Counseling, Health & Wellness Center: Counseling Services, Health Services, Office of Special Services, Minority Student Affairs, and Peer Support Services

For information on these services, see [www.qc.cuny.edu/stuserVICES](http://www.qc.cuny.edu/stuserVICES).

## International Students and Scholars King Hall 207; 997-4440; [www.qc.cuny.edu/isso](http://www.qc.cuny.edu/isso)

The International Students and Scholars Office (ISSO) facilitates international student and exchange visitor entry into the U.S. for the purpose of earning a degree, conducting research, or teaching at Queens College.

During an international visitor's stay at the college, the ISSO staff provides him or her with a variety of ongoing support services, including maintenance of U.S. visa and immigration requirements, employment eligibility assessment, and authorization for students and faculty holding the F-1 Student Visa and J-1 Exchange Scholar Visa, as well as academic and cross-cultural advisement.

## The Summit Office of Housing & Residence Life Summit Apartments, Room 138 997-4881; fax 997-4882 [www.qc.cuny.edu/housing](http://www.qc.cuny.edu/housing)

Queens College offers all students the opportunity to live on campus in an apartment-style residence hall. The Summit Apartments provide luxury housing and support services to assist students in being successful. The building offers the privacy, amenities, services, and conveniences that today's college students seek:

- Fully furnished apartments
- Private and shared bedrooms
- Semi-private bathrooms
- All utilities included
- Stove, microwave, and full-size refrigerator
- Free laundry
- Fitness center
- Individual controls for heat and air-conditioning
- Digital cable TV and wireless high-speed Internet
- 24-hour computer lab access
- Parking

- Professional live-in staff
- Safety cameras in corridors and common areas
- 24-hour staffed courtesy desk

## Queens College Online Bookstore [www.QCBookstore.com](http://www.QCBookstore.com)

By logging in through CUNYfirst, students may obtain a customized list of books and materials that are required for courses in which they are registered. They are given comparison prices for new, used, rental, and eBook options, which can be shipped to either home or campus addresses. Buying books and materials through the online bookstore benefits student-focused programs and services throughout Queens College.

## Queens College Shuttle

All students may ride the Queens College Shuttle, which travels between the college and mass-transit hubs at Jamaica Station and the Flushing–Main Street Station. For routes and schedules, visit [www.qc.cuny.edu/shuttle](http://www.qc.cuny.edu/shuttle).

## Veterans Support Services (VSS) Student Union 320; 997-5539 [www.qc.cuny.edu/veterans](http://www.qc.cuny.edu/veterans)

VSS provides full assistance with paperwork required for obtaining VA educational benefits, arranges deferral of tuition bills, and certifies enrollment to Veterans Administration. In addition, it collaborates with all departments on campus in assisting veterans, military personnel, and their families, and offers a support structure to ensure academic success.

## Facilities

### The Student Union Hours: Monday–Thursday, 7am–10:30pm; Friday–Sunday, 7am–5pm (Subject to Change)

The Student Union is the hub of campus life. Containing major social, cultural, recreational, and educational facilities and services, the Student Union adds greatly to student development, enrichment, and pleasure. More than 45 student organizations have office space here, and another 90 use the Union for meetings, events, and seminars.

Various food choices are available at the Student Union. Starbucks Coffee Shop offers a variety of espresso and coffee beverages and freshly prepared sandwiches and soup. Avenue Q is a convenience store that offers prepared meals and snacks.

Other services offered at the Student Union include a parking garage and a branch of the Queens County Savings Bank. Catering facilities, meeting rooms, and the fourth-floor ballroom are available for lectures, movies, music performances, conferences, and dinner or dance events.

Financed through Student Union fees and revenue-producing enterprises, the Student Union is committed to meeting the needs of the entire college and greater New York communities.

## Dining Hall

The Midway Court includes a Starbucks store that sells espresso and coffee, On the Go Grab and Go, Shah's Halal, and the Dairy Stop, which serves only kosher food provided under strict rabbinical supervision. An ATM is available.

The Corner Pocket, a recreation center, features billiards, ping-pong, video games, and copy services. It also offers discounted AMC movie tickets for purchase. Two additional food service areas operate on campus:

- The Science Building has a café on the second-floor landing, which features a full line of Starbucks beverages, bagels, and made-to-order sandwiches.
- Rosenthal Library is home to an Internet café, Books and Bytes, with coffee, snacks, and light meals.

## Athletics and Recreation FitzGerald Gymnasium <https://queensknights.com/>

In the belief that an integrated curriculum should foster students' physical as well as cognitive abilities, the Office of Intercollegiate Athletics and Recreation presents graduate students with an opportunity to participate in intramural and recreational athletics. These programs are now run through the Office of Campus and Community Recreation (OCCR). The recreation program is made up of informal open recreation, including basketball, swimming, weightlifting, running, tennis, fitness classes, and many other activities. Fitness classes in the past included yoga, martial arts, self-defense, and meditation, among others. Students who wish to participate should contact the fitness Center in FitzGerald Gymnasium 206 at 997-2740. Facility hours for these activities are posted in the office at the start of each semester.

The intramural program is composed of special events and activities such as flag football, volleyball, three-on-three and five-on-five basketball, indoor soccer, badminton, dodgeball, wiffleball, a one-day track event, and the Fall Fun Run. Students may enter as a team or ask to be placed on an existing team. Announcements about specific activities and the appropriate forms may be obtained in the OCCR in FitzGerald Gymnasium 206 (570-0361). All intramural activities are held during Club Hours on Mondays and Wednesdays, 12:15–1:30 pm. For more details and a full description, visit [www.queensknights.com](http://www.queensknights.com).

## Benjamin S. Rosenthal Library <https://library.qc.cuny.edu>

The Benjamin S. Rosenthal Library, which opened in 1988, is the centerpiece of the campus with six levels of space for study and research. Its distinctive ChaneyGoodman-Schwerner Clock Tower is dedicated to the memory of the three civil rights workers murdered in Mississippi during the Freedom Summer of 1964.

The Library's collection contains over 900,000 printed books, 400,000 e-books, 115,000 e-journals, and 300 research databases. The Library supports teacher education through its Educational Curriculum Center and a sizeable collection of education and curriculum materials. The department of Special Collections and Archives contains rare books, manuscripts, primary source materials, and the College's archives, which are available for primary research. The Art Library has a research-level collection of books, periodicals, and visual items. The Music Library, located in the Aaron Copland School of Music, is a first-class research facility with many thousands of scores, books, and sound recordings, including several special collections.

The Library houses a computer commons on level 2—with more than seventy workstations for student use and late-night study—with print, copy, and scan services, as well as group study rooms located throughout the building. In addition, we have recently created a pop-up maker space and are currently installing a data services lab with specialized software and support for data-based projects.

In addition, the Library provides access to its electronic resources from off-campus, online book renewal, and online access to scanned required readings for courses. Users may submit online requests for circulating books from other CUNY libraries, borrow books from non-CUNY libraries, and receive online delivery of periodical articles from other libraries.

Research Services provides reference and research help by our research librarians—through walk-in consultation as well as telephone, email, and a cooperative 24/7 chat service. For specialized research questions, students may consult with a subject specialist librarian. Instructional Services maintains several computer lab classrooms where our Library faculty teach subject-based, course-related sessions in library research methods.

## Information Technology Services [www.qc.cuny.edu/computing](http://www.qc.cuny.edu/computing)

The Office of Information Technology Services (ITS) offers in-person, email, and phone Help Desk support (located in the Dining Hall, Room 151). It provides QWIFI on-campus wireless access, network and telephone services, web services, and audio/video and digital media classroom and event services. ITS also administers access to the following accounts for faculty, staff, and students:

- CUNYfirst
- QC username (CAMS: Campus Access Management Systems)
- Mymail (email services for faculty and staff)
- Office 365 student email
- Office 365 Pro Plus faculty and staff
- CUNY Portal and Blackboard
- Authentication services for Lynda.com and Google for Education

ITS manages the QC Technology Fee Committee process and promotes compliance with the CUNY Information Technology security policy ([security.cuny.edu](http://security.cuny.edu)). ID Cards are issued at the QCard office located in the Dining Hall (Room 116A). ITS computer labs are open Sunday–Saturday in the I Building and Powdermaker Hall. ITS administrative offices are located in I Building, Suite 200. For online help, visit [www.qc.cuny.edu/computing](http://www.qc.cuny.edu/computing).

## Speech-Language-Hearing Center [www.qc.cuny.edu/slh](http://www.qc.cuny.edu/slh)

The Queens College Speech-Language-Hearing Center (Gertz Building) serves children and adults living in Queens and the greater metropolitan area who have speech and language disorders or developmental delays. Its staff of licensed and professionally certified speech-language pathologists provides speech-language evaluations and treatment to individuals needing those services. These include children with language disorders resulting from autism, delays in speech and language development, dysfluency, or school-related learning disorders. It also serves adults with speech-language disorders resulting from a stroke, neurological disorder, developmental challenges, or head trauma as well as voice and swallowing disorders. The center is part of the Department of Linguistics & Communication Disorders. For more information, contact [speechcenter@qc.cuny.edu](mailto:speechcenter@qc.cuny.edu) or call 997-2930.

## Kupferberg Center for the Arts [www.kupferbergcenter.org](http://www.kupferbergcenter.org)

Kupferberg Center for the Arts comprises ten distinguished institutions that offer outstanding programming in music, dance, drama, literature, and the visual arts. Since 1961, the Kupferberg Center has hosted affordable, world-class cultural events, concerts, and family programs at Colden Auditorium, LeFrak Concert Hall, Goldstein Theatre, and select off-campus locations.

## Campus Ministry

The Queens College Campus Ministers is an association of the Catholic, Greek Orthodox, Hillel: The Foundation for Jewish Campus Life, and Protestant ministries on campus. Its purpose is to foster harmony among religious traditions and to join in campus efforts to promote spiritual and ethical growth. The campus ministers serve as resources for religious and ethical information and insight for the academic and the wider Queens community. All students, faculty, and staff are welcome to participate in the activities of the various centers.

*The Catholic Newman Center is the Catholic parish* on campus. The center celebrates the sacraments; sponsors spiritual, cultural, and social programs; and offers pastoral counseling to all students, faculty, and staff. Mass is celebrated in the chapel every Sunday at 1 pm, Tuesday and Wednesday at 12:10 pm, and Thursday at 5:15 pm (Student Union 207 and 208; 997-3969 or 793-3130 [also the fax number]; [www.facebook.com/QCNewmanCenter](http://www.facebook.com/QCNewmanCenter); email: [frpaw@yahoo.com](mailto:frpaw@yahoo.com)).

*Queens College Hillel* envisions a world where every Jewish student is inspired to make an enduring commitment to Jewish life, learning, and Israel. QC Hillel helps students discover and explore their Jewish identity, learn about Jewish peoplehood, experience Jewish holidays and Shabbat, and develop as leaders and volunteers. (Student Union 206; 997-3980 or 718-793-2222; [qchillel.org](http://qchillel.org); [facebook.com/qchillel](http://facebook.com/qchillel); or [admin@qchillel.org](mailto:admin@qchillel.org))

*The Protestant Center* welcomes students, faculty, and staff from the various Protestant denominations for worship and Bible study, counseling, and a variety of programs. (Student Union 203; 997-3979, 261-1550) Several student cultural or religious clubs register each semester with the Student Life Office (Student Union 320):

*The Ikaros Hellenic Orthodox Club* (Student Union 219; 997-3576) provides religious, cultural, and social programming, counseling, and outreach for Greek Orthodox students, faculty, and staff. It also offers information on worship and Bible study. For other matters, please call the Center for Byzantine & Modern Greek Studies (Jefferson Hall 302; 997-4520; fax 997-4529).

*The Muslim Students Association* (Student Union 217 and 218) has as its purpose the empowerment of students on campus by creating significant opportunities to learn from and build coalitions with the campus community at large.

For a list of cultural/religious groups on campus, call 997-3970.

## Identification Cards

The college supplies each student with an identification card called the QCard. Students must carry these cards on campus and present them to a member of the faculty or staff if requested to do so. The QCard not only protects the college from persons not authorized to be on campus or to use college facilities, but also extends to registered students all the privileges of membership in the college community. You must show a valid QCard when collecting any checks from the Bursar's Office and when using the library. The QCard is also a quick and convenient method for buying things on campus.

Incoming students must acquire their QCard during their first semester. A \$10 fee is charged if it is not obtained at that time. To obtain a new or replacement QCard, you must have an active CAMS account ([cams.qc.cuny.edu](http://cams.qc.cuny.edu)) and a photo ID, such as a driver's license. The QCard can be obtained at the QCard Office in the One Stop Service Center in the Dining Hall, Room 116A (997-4240; [www.qc.cuny.edu/qcard](http://www.qc.cuny.edu/qcard)).



## Campus Parking

Parking on the Queens College campus is **by decal only**. Information on applying for and purchasing a decal is available at <https://apps.qc.cuny.edu/ParkingAdministration/Logon.aspx>. To park on college property, all vehicles must be registered with the Public Safety Office. Unregistered vehicles or those parked in violation of the college's Parking & Traffic Regulations are subject to both ticketing and immobilization ("booting"). A fee of \$75 will be charged for removal of the immobilization boot in addition to the parking violation penalty for the ticket(s).

Day students can apply for day parking through the lottery, held once a year in May and ending in July. There is unlimited evening parking (Monday- Thursday after 1:30 pm and all day Friday, Saturday, and Sunday). A decal is good for the Fall, Spring, and Summer sessions. Please bring a check or money order (payable to Queens College) or cash, payable at the Bursar's Office only, as well as a valid driver's license and vehicle registration. **Credit cards are accepted as a form of payment at the window.** Students, faculty, and staff must park only in their assigned fields.

**Student Fees.** All fees and fines quoted include New York City parking tax where applicable, have been approved by the college and the Board of Trustees of the City University of New York, and are subject to change without notice. Fees and fines are designed to provide a self-supporting parking program, financing construction, maintenance, lighting, security, and administration of the parking operation.

- **Fall/Spring/Summer** (day/evening students) – \$275 (parking for Summer Session(s) is included in the yearly decal)
- **Summit resident parking** (Field 5) – \$385
- **Summit underground parking** – \$440 plus \$25 refundable deposit for the access card
- **Spring Semester only** – \$138
- **Summer Session(s) only** – \$138
- **Weekends per semester** – \$45 (includes Fridays after 3 pm and all day Saturday and Sunday)
- **Motorcycles** – Fall/Spring, \$176; Summer only, \$88
- **Bounced check fee** – \$25

For information, contact the Security & Public Safety Office in Jefferson Hall 201 (997-4443).

### Parking for Students with Disabilities

Requests for parking privileges based on physical and mobility disabilities must be made through the Office of Special Services for Students with Disabilities (Frese Hall, Room 111A). Students with disabilities who wish to park in a handicapped spot must have a hangtag issued by the Department of Motor Vehicles. The tag must be displayed at all times. (This is in addition to the Queens College decal.) Payment for parking is due upon receipt of the parking decal in the Security Office in Jefferson Hall, Room 201.



## Admission, Retention & Graduation

Applications for admission to master's degree programs, advanced certificate programs, and non-degree study are accepted throughout the academic year. Openings for admission are filled on a competitive basis, and admission cannot be guaranteed to all who meet the stated requirements. Since requirements, deadlines, and fees change from year to year, prospective students are encouraged to visit the Office of Graduate Admissions website for details at [www.qc.cuny.edu/admissions/graduate](http://www.qc.cuny.edu/admissions/graduate) or visit its office in the lobby of Jefferson Hall.

### General Requirements

All students applying for admission as a matriculated student must have a bachelor's degree from a regionally accredited college or university, or an international equivalent, with an undergraduate record indicating good preparation for the proposed area of graduate study. Good preparation, generally, means a minimum academic average of B in undergraduate work. If ten years have elapsed since completion of undergraduate work, additional undergraduate courses may be required as a condition of admission.

Additionally, each program and department has specific requirements concerning letters of recommendation, essay topic, test scores, interviews, and deadlines. Applicants should refer to the appropriate department listing in this Bulletin and the Graduate Admissions website ([www.qc.cuny.edu/admissions/graduate](http://www.qc.cuny.edu/admissions/graduate)).

### Students Educated Outside the United States

In addition to the general requirements previously stated, students educated in a non-English-speaking environment must submit TOEFL or IELTS scores. Applications and information regarding the TOEFL may be obtained from TOEFL Services at [www.toefl.org](http://www.toefl.org). IELTS information can be found at [www.ielts.org](http://www.ielts.org). The institutional code number for Queens College is 2750.

Students seeking a student visa (F-1) must also provide financial information confirming that funds will be available to meet expenses for each year of enrollment at Queens College. A financial information and certification form, the Pre-I20 Package, can be downloaded at [www.qc.cuny.edu/isso](http://www.qc.cuny.edu/isso). Additional information and assistance for students on temporary visas are provided by the International Students & Scholars Office (King Hall 207; 997-4440; [www.qc.cuny.edu/iss](http://www.qc.cuny.edu/iss)).

## Admission Procedures

### Degree and Certificate Program

Complete instructions are included in the online application, which may be obtained at [www.qc.cuny.edu/gradapp](http://www.qc.cuny.edu/gradapp).

Students accepted for admission in the Fall are eligible to start in the preceding Summer Session if acceptance is granted prior to Summer Session registration. Students who wish to start in the Summer should check with individual departments to see if courses are available.

Applicants who are admitted to matriculation in one semester but who do not register or enroll in that semester must reactivate their application for full review. Please note that admission in one semester does not guarantee admission in a subsequent semester.

A nonrefundable fee of \$75 must be paid when the application for admission is filed.

### Full-Time/Part-Time Status

Students who are registered for 9 credits of coursework, or the equivalent, are considered full-time. To meet requirements of the Immigration and Naturalization Service, F-1 visa students must be enrolled full time. Full-time graduate students may take a maximum of 15 credits a semester. Students in the Teacher Education program with full-time employment may take a maximum of 6 credits in any semester. Students who want to exceed these limits must receive the permission of both their academic department and the appropriate academic dean.

### Enrollment Status

There is no official leave of absence classification for graduate students; students who do not register for a semester are considered inactive. Such status is not noted on student records and does not extend the time limit for the degree or certificate.

*Reentry.* Students seeking to reenter must be in good standing (B average), and within the time limit allowed to complete their degree. Complete instructions for reentry are included in the online application.

A nonrefundable readmissions application fee of \$20 is required. Note that all requirements for the Master of Arts, Master of Arts in Liberal Studies, Master of Fine Arts, Master of Library Science, Master of Music, or Master of Science degree must be completed within a period of four years. The Master of Arts in Teaching or the Master of Science in Education degree must be completed within a period of five years. Students who exceed these time periods, or who are not in good academic standing, must contact the appropriate academic dean. It is advisable for reentering students to inform their departments and make an appointment with a graduate advisor prior to registration.

*Maintenance of Matriculation.* CUNY regulations require students to be registered in the semester/session in which the degree is awarded. If all coursework was completed before the graduation semester and no courses are being taken, students must register for maintenance of matriculation.

Please see the Bursar's website ([www.qc.cuny.edu/bursar](http://www.qc.cuny.edu/bursar)) for current fees. Registration for maintenance of matriculation is not required for any semester other than the semester in which the degree is obtained, and the fee cannot be waived.

Payment of the fee allows students to use the facilities of Queens College as a regularly registered student (library, laboratories, etc.).

### Non-Matriculated Status

Students seeking to apply as a non-matriculant may do so by logging in to our online application at [www.qc.cuny.edu/gradapp](http://www.qc.cuny.edu/gradapp). A nonrefundable fee of \$75 will be charged after course registration. Applicants applying as non-matriculants must submit copies of their transcripts showing proof of receipt of a bachelor's degree (except Post-Master's Certificates, for which proof of a master's degree is required), which must be approved by the graduate advisor of the program in which the applicant wishes to take courses.

Applicants on student visas (F-1) are not eligible to apply for non-matriculated status.

### Registration in Courses for Non-Matriculants

Acceptance in a non-degree status does not guarantee admittance to courses. Class sections may have been filled during earlier registration periods; many courses have prerequisites; and some courses and programs are not open to non-matriculants.

Non-matriculated students must obtain permission from their graduate advisor each semester before registering for classes.

Graduate non-matriculants, except those who have a master's or higher degree, or those who are Cooperating Teachers with tuition waivers, may take no more than 12 credits at Queens College in that status.

Students should bear in mind that admission to non-matriculant status does not guarantee subsequent acceptance for matriculation. Currently enrolled non-matriculants who have successfully completed 6–9 credits are encouraged to apply for matriculation before completing 12 credits; only courses related to the program for which they are accepted will be credited toward the degree.

Non-matriculants who have not achieved a B average after completing 12 credits will not be permitted to continue at the college.

### Graduation Procedures

Students must consult with the faculty advisor to ensure they are on track to graduate. We strongly encourage students to apply for graduation by the posted deadlines on the QC Hub website at [www.qc.cuny.edu/registrar](http://www.qc.cuny.edu/registrar). The completion process for students in certificate programs (Advanced and Post Master's Certificate) must be initiated by the advisor. If a student's record is inactive prior to the semester of graduation, they must file a reentry application available at [www.qc.cuny.edu/gradapp](http://www.qc.cuny.edu/gradapp) prior to registering for maintenance of matriculation.

### Enrollment Following Graduation

If a student wishes to continue taking courses on a non-matriculated basis after receiving a Queens College master's degree, a Non-Matriculant Application must be filed via the online application by the appropriate deadline date. Individuals who wish to apply for a second master's degree or post-master's certificate(s) should file an online application for matriculation.

### Immunization Requirements

New York State Public Health Law requires that anyone born on or after January 1, 1957, must be immunized against measles, mumps, and rubella before starting school, and be provided with information about meningococcal disease and vaccination. Students are required to file a QC Immunization Form with the Health Service Center (Frese Hall, 3rd floor, 997-2760); the form is available at [www.qc.cuny.edu/health](http://www.qc.cuny.edu/health). Failure to file this form will jeopardize the student's continuation in the graduate program, and registration will be blocked if the immunization requirement is not satisfied.

## Teacher Education Programs

Queens College's master's and certificate programs in Teacher Education meet New York State academic and field requirements for certification. Applicants should bear in mind that while the college recommends for New York State teacher certification those students who successfully complete an approved program in Teacher Education, the college itself does not issue teaching licenses or certificates. New York State issues teaching certificates, which are universally accepted in New York State school districts, including New York City. Note also that requirements are subject to change. It is the student's responsibility to determine whether a course of study will meet in full the licensing and certification requirements for New York City and State and, where relevant, for states other than New York. Students applying for certificate programs. Please consult the appropriate departmental listing in this Bulletin for additional admission requirements.



## Tuition, Fees & Financial Aid

### Tuition and Fees

All tuition and other fees listed in this Graduate Bulletin and in any registration material issued by the college are subject to change. In the event of any increase in fees or tuition charges, payments already made to the college will be treated as partial payments, and subsequent notification of the additional amount due and the time and method of payment will be given. Check the Bursar's website at [www.qc.cuny.edu/tuition](http://www.qc.cuny.edu/tuition) for fee changes prior to registration.

### Senior Citizens

People who qualify as senior citizens may attend QC as auditors. To qualify they must be New York State residents 60 years of age or older who have completed high school. Senior auditors may enroll on a space available basis by completing the Senior Citizen Auditor Application, available through the Office of Admissions. Individuals who enroll shall be charged an administrative fee, the student consolidated services fee, as well as any other fees they may incur.

Provisions specific to the Senior Citizen Audit Program are:

- Senior Citizen Auditors may enroll in undergraduate courses only on an audit basis without tuition charge and academic credit.
- The grade of AUD will be assigned to all Senior Citizen Auditors.
- Senior citizens are not permitted to register tuition free for any graduate-level course and utilize a tuition fee waiver.
- Senior citizen auditors pay \$80 per semester or session plus any course fees and penalty charges (change of program, late registration, late payment, etc.).

### Payment of Tuition and Fees

Students must be prepared to pay all fees associated with their registration. These include tuition, consolidated service fee, student senate fee, student activity fee, technology fee, material and transportation charges, and other miscellaneous fees.

Students may view their charges on their CUNYfirst account. Payments can be made online with an eCheck (no fee is incurred for an eCheck transaction) or a major credit card. When you use a credit or debit card, a nonrefundable 2.65 percent service fee will be charged to your account in addition to your tuition, fee, and housing payment. Students also may enroll online in Nelnet (a payment plan) through their CUNYfirst Student Center to make paying their bill easier with equal monthly installments. The enrollment fee is \$25 per semester/ session; if paying by credit or debit card, a nonrefundable 2.65 percent fee will be charged to your account in addition to your payment .

If a student pays by check or money order, his or her QC CUNYfirst ID number must be written in the memo section of their check or money order. Students may mail checks or money orders to the Bursar's Office or pay in person at the Bursar's Office with checks, money orders, or cash. A student who issues a check or an eCheck payment that is returned by the bank or our third-party processor for online payments will be liable for tuition and fees in addition to a reprocessing fee. Please note that future payment by check or eCheck will no longer be acceptable.

A "Stop Payment" on a student's check does not cancel registration. The student must withdraw officially. Once a student registers for classes, that student assumes a financial responsibility. If the student chooses not to attend, the student must drop his or her courses before the first official day of the semester. Failure to do so automatically entails a financial obligation on the part of the student.

If you do not make full payment of your tuition and fees and other college bills and your account is sent to a collection agency, you will be responsible for all collection costs, in addition to whatever amounts you owe the college. Also, nonpayment or a default judgment against your account may be reported to a credit bureau and reflected in your credit report. For billing and payment information, refer to the Bursar's website and the Bursar's Information Letter at [www.qc.cuny.edu/admissions/bursar](http://www.qc.cuny.edu/admissions/bursar) or see [www.qc.cuny.edu/tuition](http://www.qc.cuny.edu/tuition).

## Tuition Fees: Matriculated and Non-Matriculated

New York State Residents \$470 per credit plus \$ 65 per additional contact hour Maximum of \$5,545

Out-of-State Students \$855 per credit plus \$ 85 per additional contact hour (No maximum)

Resident graduate degree students who take undergraduate courses and receive undergraduate credit for them are charged undergraduate tuition for those courses and the mandatory graduate student fees.

To qualify for resident fees, a student must have been a resident of the State of New York for a consecutive period of one year immediately preceding the first day of classes of the session in consideration.

## Guidelines for Tuition Schedule

Resident graduate degree students enrolled for 12 or more credits or billable equivalent credits are billed the maximum tuition and student fee rates. Resident graduate degree students enrolled for fewer than 12 credits or billable equivalent credits are billed tuition on a per-credit basis and the lower student fee rates. The tuition for graduate degree students should not exceed the maximum tuition and fee degree rate in a regular semester.

There is no maximum tuition rate for Summer Session students. Similarly, there is no maximum rate for nonresident graduate students. Therefore, all Summer and nonresident graduate students are billed on a per-credit basis regardless of the number of credits for which they register. For additional information, contact the Bursar's Office (Jefferson Hall 200; 997-4500)

## Mandatory Student Fees

For each session of attendance, all students are required to pay mandatory student fees that cover student activities, Public Interest Research Group (PIRG), Student Union, and the like. It does not cover service fees that a student may incur individually, such as fees for program changes, late registration, transcripts, special examinations, or parking. Unless changed after printing of this Bulletin, the mandatory student fees for graduate students enrolled in 12 or more credits or billable equivalent credits (including technology fee and consolidated fee) total \$260.85; the mandatory student fees for graduate students enrolled in fewer than 12 credits or billable equivalent credits (also including the technology fee and consolidated fee) total \$198.35 for each session of attendance. The breakdown of the fee is shown below.

The mandatory student fees (activity fee, consolidated student fee, technology fee, and student senate fee) or any part thereof will not be refundable at any time, nor can they be waived unless the college cancels all courses for which a student has registered or the student formally withdraws from all classes prior to the official first day of classes. Exceptions may be made as follows:

1. If a student is placed on active military service, partial refunds may be made. Students who are so notified should get in touch with the Veterans Support Services Office immediately

MANDATORY GRADUATE STUDENT FEES													
	Total	Consol. Serv. Fee	Technology Fee	Student Fee	College Govt. Fee	Student Union Fee	Shuttle Bus Fee	Sports Fee	PIRG Fee	Disabled Students Fee	Spec. Non-Instruc. Fee	Child Care Fee	Univ. Govt. Fee
Students enrolled in 12 or more billable credits	\$260.85	\$15.00	\$125.00	\$3.00	\$4.75	\$55.00	\$40.00	\$8.00	\$4.00	\$2.70	-0-	\$1.95	\$1.45
Students enrolled in fewer than 12 billable credits	198.35	15.00	62.50	3.00	4.75	55.00	40.00	8.00	4.00	2.70	-0-	1.95	1.45
COOPERATING TEACHERS													
Students enrolled in 12 or more billable credits	\$165.00	\$15.00	\$125.00	-0-	-0-	-0-	-0-	-0-	-0-	-0-	\$25.00	-0-	-0-
Students enrolled in fewer than 12 billable credits	102.50	15.00	62.50	-0-	-0-	-0-	-0-	-0-	-0-	-0-	25.00	-0-	-0-
<p>* The PIRG fee is refundable if application is made to the college PIRG Office (Student Union LL36) within 3 weeks of the start of the session.</p> <p>* The child care fee is refundable if application is made in the Child Development Center Office (Kiely Hall 245) within 3 weeks of the beginning of the Fall and Spring semesters or within one week of the beginning of the Summer Sessions. You must show your paid bill and ID with your application.</p> <p>* The sports fee is refundable if application is made in FitzGerald Gymnasium 218 within 3 weeks of the start of the session. You must show your paid bill with your application.</p> <p>* Students who initially register for 12 or more credits and subsequently reduce their load to fewer than 12 after the semester begins must still pay the higher mandatory student fees.</p> <p>* The mandatory student fees, cooperating teachers fees, material/film and transportation/field charges, and technology fees cannot be refunded, if paid, unless the student drops all courses before the official opening day of the semester or if the student's registration is canceled by the college.</p>													

- The PIRG fee is refundable if application is made to the Queens College PIRG Office (Student Union LL36) within three weeks after the start of the session.
- The sports fee is refundable if application is made in FitzGerald Gymnasium 218 within three weeks of the start of the session. Students must show their paid bill with their application.
- The child care fee is refundable if application is made in the Child Development Center Office (Kiely Hall 245) within three weeks of the beginning of the Fall and Spring semesters or within one week of the beginning of the Summer Sessions. Students must show their paid bill and ID.

### Material/Film & Transportation/Field Charges

Material/film and transportation/field (MAT) charges may be applied in addition to tuition for various courses in this Bulletin. Charges are listed for individual classes in the Class Search function in CUNYfirst, available prior to registration. A student who drops a course that has such charges before the semester begins will receive a refund.

### Academic Excellence Fee

This fee supports the costs of enhancing the instructional and program quality offered to graduate students enrolled in certain graduate-level program plans. For a listing of the program plans and their fees, visit [www.qc.cuny.edu/tuition](http://www.qc.cuny.edu/tuition).

### Chalk & Wire Fee

Chalk & Wire is an e-portfolio, web-based assessment management system that enables candidates in the Professional Education Unit to document academic and professional development, organize and showcase their work, and reflect on learning in alignment with programmatic goals, objectives, and national standards, including discipline-specific competencies.

Candidates enrolled in programs within the Education Unit must purchase Chalk & Wire subscriptions when instructed to do so by their programs. Subscriptions are offered in five-month and one-, two-, three-, and four-year increments (with costs ranging from \$38.66 for five months to \$132 for the four-year option).

### Special Fees

The following fees will also be charged:

- When submitting an application for admission to Queens College, students are required to pay a nonrefundable fee of \$75 at the time of filing for either matriculant or non-matriculant status in a master's degree or certificate program.
- A re-entry fee of \$20 is payable by matriculated students who want to re-enter the college after an absence of one or more semesters.
- A charge of \$25 is made for late registration after the regularly scheduled registration period.
- A charge of \$18 is assessed for students who change their schedules and add courses on or after the first day of the term. The flat fee of \$18 is charged per day (not per course), and occurs each day the student's schedule is changed when the term has begun.
- Parking on campus is by decal only and limited. The annual decal costs \$275 and covers the Fall, Spring, and Summer semesters. For the Spring semester only, the cost is \$138. Summer sessions cost \$138 per session. Summit residents' yearly parking is \$440 plus \$25 (refundable deposit) for an access card. (See Campus Parking in the Regulations section.) Payment can be made by check, cash, money order, or a major credit card.
- Duplicate Records fees are: (a) duplicate ID card, \$10; (b) duplicate diploma, \$30; (c) each transcript of record, \$7 (waived when the transcript is to be forwarded to another unit of the City University); and (d) other duplicate records, \$5. Each transcript of record is \$7 (waived when the transcript is to be forwarded to another unit of the City University). Online orders require an additional \$2 processing fee for a total of \$9 per transcript request.
- A fee of \$35-\$60 is charged for the binding of the master's degree thesis, depending on the number of copies ordered.
- The per-semester fees for maintenance of matriculation are \$225 for NYS residents; \$370 for out-of-state students.
- A \$15 non-payment service fee is charged whenever a student does not pay any bill by its due date. It applies to all students, including those who are declared eligible for financial aid as well as to those not receiving aid.
- A payment reprocessing fee of \$20 is charged when a check or eCheck tendered to the college by a student is not honored by the bank upon which the check is drawn. A separate fee will be charged for each check that requires reprocessing. In the event that the return of the check resulted from a bank error and the bank acknowledges the error in writing, the reprocessing fee may be waived. If your check or eCheck is returned by the bank for "stop payment," you will be liable for all tuition and fees in addition to a reprocessing fee. A "stop payment" on a check or eCheck does not cancel any liability due to the college.

11. A fee of \$25 is charged when a makeup examination is given. Each additional examination in a session costs \$5.
12. Payment of service fees, fines, and miscellaneous charges may be made at the Bursar's windows in Jefferson Hall. Parking fines must be paid by check, money order, or credit card at the Public Safety Office in Jefferson Hall, Room 201. The check or money order must be made payable to Queens College and include the student's CUNY ID and ticket number.

The Bursar's Office is open Monday through Thursday from 9:30 am to 4:30 pm, Friday 9:30am to 1pm, and Tuesday and Wednesday evenings from 5 to 7pm, during Fall and Spring when classes are in session. During Summer, the Bursar's Office is open Monday through Thursday from 9:30 am to 4:30pm and Wednesday evenings from 5 to 7pm when classes are in session. Please visit our website for more information on Summer office hours ([www.qc.cuny.edu/bursar](http://www.qc.cuny.edu/bursar)).

### Refund of Tuition Fees

Once students have registered, they must pay for their classes by the payment due date. Students may change their registration online via their CUNYfirst SelfService Center. To receive a 100% refund of tuition, a student must have dropped all courses before the official opening day of the semester.

The last date of attendance in class is not an official withdrawal date unless the student cancels registration online. Refunds will be made in accordance with the following schedule. Students should refer to each semester's Bursar Information Newsletter ([www.qc.cuny.edu/bursar](http://www.qc.cuny.edu/bursar)) for specific calendar dates, including in Summer.

<i>Fall and Spring</i>	<i>Refund</i>
Withdrawal from course before the official scheduled opening date of the semester	100%
Withdrawal within one week after the official scheduled opening date of the semester	75%
Withdrawal during the second week after the official scheduled opening date of the semester	50%
Withdrawal during the third week after the official scheduled opening date of the semester	25%
Withdrawal after completion of the third week after the official scheduled opening date of the semester	None

Except as otherwise noted, no other fees are refundable.

### Checks Returned to the College by the Bank

If your check is returned by the bank to Queens College, your registration will be processed in the following manner:

1. Stop Payments: A stop payment on your check will NOT result in cancellation of your registration. You must cancel your registration online prior to the official opening day of classes. In such a case, you will receive a 100% refund of tuition and fees. As stated in paragraph 10 on the previous page, any check tendered to the college by a student that is not honored by the bank upon which the check is drawn will result in a reprocessing fee of \$20.
2. Other: If your check or eCheck is returned by the bank or our online, third-party processor as not presentable for collection (NG), including "unable to locate account," you will be liable for all tuition and fees in addition to the \$20 reprocessing fee. Please note that payment by check or eCheck will not be acceptable in this case.

### Holds

Students who have debts (for any tuition, fees, parking violations, breakage, emergency loans, etc.) that are past due will have a hold placed on their registration, transcripts, and diplomas until they satisfy their outstanding obligations to the college.

### Financial Aid Programs

Many students need some sort of financial assistance to help pay the costs of attending graduate school. Financial aid at Queens College includes grants, work-study, and loans from New York State and the federal government, all of which can help pay related expenses beyond tuition and fees. For detailed information on costs, programs, eligibility criteria, and application procedures for federal and NY State aid, as well as links to other resources, visit our website at [www.qc.cuny.edu/fao](http://www.qc.cuny.edu/fao). Note that financial aid programs, procedures, and requirements are subject to change. The following information highlights financial aid programs available to graduate students and important details for filing.

## Aid Applications

- The Free Application for Federal Student Aid (FAFSA) is the application for all federal aid (Title IV) programs, and is filed online at <https://fafsa.ed.gov>. The FAFSA college code for Queens is 002690. To be considered for work-study, check the appropriate boxes on the FAFSA. Additional forms are required to apply for Direct Loans.

Note: Students in a PhD program at the CUNY Graduate School should file for aid through the Graduate School.

## Aid Programs

New York State (with NY State residency requirements)

- Scholarships: Math and Science Teaching Initiative Scholarship, Master-in-Education Teacher Initiative Scholarship, Veterans Tuition Assistance, and others (please see [www.hesc.ny.gov](http://www.hesc.ny.gov) for full listing and how to establish initial eligibility).

*Queens College Programs*

- Grants: Graduate Partial Tuition Reimbursement Program (pending availability of funds), based on the FAFSA.
- Short-term emergency loans.

## New York State Programs

Note: Where a question of eligibility exists, contact the Financial Aid Office for information and assistance.

## Federal Programs

To be eligible for federal Title IV student financial aid programs (Federal Direct Loans and FWS), a student must:

1. be enrolled at least half time (6 credits) as a matriculated student;
2. be a U.S. citizen or an eligible noncitizen;
3. show evidence of need;
4. be making satisfactory academic progress toward a degree;
5. not be in default on any student loan, or owe a repayment of a Pell or Supplemental Educational Opportunity Grant.

## Satisfactory Progress Standard

For purposes of receiving Title IV Federal Student Assistance, a student is considered to be making satisfactory progress toward a degree by meeting or exceeding the Graduate Division requirements concerning grade-point average, as explained in the section Required Grade-Point Average, Probation, and Dismissal (see Scholastic Standards). In addition the student must have accumulated credits toward the degree greater than or equal to two-thirds the cumulative credits attempted at the college and not have attempted more than 150% of the credits normally required for completion of the degree.

Students will be measured against the satisfactory progress standard at the end of the Spring term to determine their eligibility for receipt of funds for the upcoming year. Students who fail to meet the standard may appeal their status in the Graduate Admissions Office located in Jefferson Hall 105.

## Appeal/Reinstatement

Appeals will be evaluated for mitigating circumstances resulting from events such as personal illness, injury, personal tragedy, changes in academic program, and the reasonableness of the student's capability for improvement to meet the appropriate standard for the degree program in which the student is enrolled. A successful appeal would result in the granting of a one-year probation period for the student to improve the academic record to meet the appropriate standard for the degree program in which the student is enrolled. During this probationary period the student would be eligible for Title IV aid.

## Attendance

Title IV aid is awarded with the assumption that a student will attend school for the entire period for which the aid is awarded. If a student withdraws from all classes, he/she may no longer be eligible for the full amount of Title IV funds originally scheduled to be awarded. The amount of Title IV funds a student has "earned" is based on the amount of time he/she has spent in academic attendance. Students are advised to contact the Office of Financial Aid Services prior to withdrawal.

## Federal Direct Loan Program

*Application Procedures*

The first step is to file the FAFSA. After the FAFSA is processed, fill out the Direct Loan Processing Form online. Access this form through your CUNYfirst account from the student self-service page.

*Selection of Recipients*

To be eligible for a Federal Direct Loan, you must meet the eligibility requirements listed above. All students must complete a FAFSA to determine need for the loan.

*Loan Schedule*

A graduate student may borrow up to \$20,500 per academic year under the Federal Direct Unsubsidized Loan Program, up to a combined total of \$138,500, including any loan for undergraduate study. The amount you may borrow is limited to the cost of education at Queens College minus other financial aid you may receive at Queens College.

The interest rate on Federal Direct Unsubsidized Loans is variable. Students are responsible for an origination fee, which is deducted from the payment(s).

For more detailed information about repayment schedules and procedures, visit our website at [www.qc.cuny.edu/fao](http://www.qc.cuny.edu/fao).

## Federal Work-Study Program (FWSP)

*Application Procedures*

Application is made through Queens College on the FAFSA.

*Selection of Recipients*

The college must make employment reasonably available to all eligible students. In the event that more students are eligible than there are funds available, preference is given to students who have a greater financial need and who must earn a part of their educational expenses.



### Awards

The college arranges jobs on and off-campus, with public or private nonprofit agencies, such as hospitals, for up to 20 hours per week during the academic year and 35 hours per week during the Summer. The level of salary must be at least the minimum wage. Wages for graduate students are the same for all on-campus jobs; off-campus wages may vary. Satisfactory academic progress must be maintained, as well as satisfactory performance on the job.

## Federal TEACH Grant Program

The TEACH Grant is offered to matriculated graduate students and does not require repayment so long as the student completes the program. To be considered for this federal financial aid, you must be a U.S. citizen or an eligible noncitizen admitted as at least a half-time student to an approved degree program, and you must maintain satisfactory academic progress to preserve your continuing aid eligibility. (Students not yet admitted into an approved degree program do not qualify.)

As a condition of receiving a TEACH Grant, you must sign a TEACH Grant Agreement to Serve in which you agree (among other requirements) to teach in a high need field; at an elementary school, secondary school, or educational service agency that serves students from low-income families; and for at least four complete academic years within eight years after completing (or ceasing enrollment in) the course of study for which you received the grant.

If you do not complete your service obligation, all TEACH Grant funds you received will be converted to a Federal Direct Unsubsidized Loan. You must then repay this loan to the U.S. Department of Education, with interest charged from the date the TEACH Grant was disbursed (paid to you or on your behalf).

## Veterans Administration (VA) Educational Benefits

### Application Procedures

Application forms are available at all VA offices, active duty stations, and American embassies. They also can be downloaded at the G.I. Bill website ([www.gibill.va.gov](http://www.gibill.va.gov)). In addition, forms and assistance in completing and submitting them to the VA Regional Office are available at the Veteran Support Services Office, located in Student Union 320.

Educational benefits are available through the VA under the following programs:

*(Post-9/11) G.I. Bill (Chapter 33):* For veterans and service persons who served on active duty on or after September 11, 2001. Eligible service members may transfer all 36 months or the portion of unused Post9/11 GI Bill benefits to a spouse or child. The request to transfer unused GI Bill benefits to eligible dependents must be completed while serving as an active member of the armed forces.

*Montgomery G.I. Bill—Active Duty (Chapter 30):* For service persons who entered active duty between July 1, 1985 and June 30, 1988.

*Vocational Rehabilitation (Chapter 31):* For veterans who have at least a 10% disability, as a result, of active service.

*Veterans Educational Assistance Program (VEAP) (Chapter 32):* For veterans and service persons who first entered active duty between January 1, 1977 and June 30, 1985 and who elected to make contributions from their military pay to participate in this education benefit program.

*Survivors' and Dependents' Educational Assistance Benefits (Chapter 35):* For spouses and children of veterans whose death or total, permanent disability was service-connected.

*Montgomery G.I. Bill—Selected Reserve (Chapter 1606):* For active-duty members of the Selected Reserve (Selected Reserve components include the Army Reserve, Naval Reserve, Air Force Reserve, Marine Corps Reserve, Coast Guard Reserve, Army National Guard, and Air National Guard).

*Reserve Educational Assistance Program (REAP) (Chapter 1607):* For active members of the Selected Reserve called to active duty and members of the Individual Ready Reserve (Army IRR, Air Force IRR, Navy IRR and Marine Corps IRR). These active members of the Selected Reserve must have served at least 90 consecutive days on active duty in response to a contingency operation declared by the president or Congress.

## VA Pending Payment Policy

A. In accordance with Title 38 U.S. Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.

1. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not: 1. Prevent or delay the student's enrollment;
2. Assess a late penalty fee to the student;
3. Require the student to secure alternative or additional funding;
4. Deny the student access to any resources available to other students who have satisfied their tuition and fee bills to the institution, including but not limited to access to classes, libraries, or other institutional facilities.

B. However, to qualify for this provision, such students may be required to:

1. Produce a Certificate of Eligibility by the first day of class;
2. Provide a written request to be certified;
3. Provide additional information needed to properly certify the enrollment as described in other institutional policies.

In the event an expected payment from the U.S. Department of Veterans Affairs was not posted to the student's account, he or she must alert the Bursar's Office.

## Queens College Programs

### Emergency Student Loan Funds

Students may borrow small amounts to cover emergencies for a short time and pay no interest. In general, loans are limited to \$100 and are to be repaid within 30 days. Apply in person at the Financial Aid Office. Approved loans usually may be obtained in two days.

## Scholastic Standards

Full-time graduate students may take a maximum of 15 credits a semester. Students in the Teacher Education program with full-time employment may take a maximum of six credits in any semester. There is a protocol in place for those doing student teaching and taking six credits to be certified as full-time students; they must ensure that their academic department provides this information to the Office of the Registrar. Students who want to exceed these limits must receive the permission of both their academic department and the appropriate academic dean.

## Grades

The following grades are used in the Graduate Division of Queens College:

**A+, A, A-, B+, B, B-, C+, C, C-, F.**

To ensure uniformity of grading standards, the Committee on Graduate Scholastic Standards has approved the following table of equivalents:

<b>A+</b>	<b>97–100</b>	<b>B–</b>	<b>80–82</b>
<b>A</b>	<b>93–96</b>	<b>C+</b>	<b>77–79</b>
<b>A–</b>	<b>90–92</b>	<b>C</b>	<b>73–76</b>
<b>B+</b>	<b>87–89</b>	<b>C–</b>	<b>70–72</b>
<b>B</b>	<b>83–86</b>	<b>F</b>	<b>0–69</b>

The following special grades are also used. Please see the section below for procedures for dropping or withdrawing from courses.

**W (Withdrawn Passing):** Given when a student withdraws formally from the fourth week through 60% of the calendar days of the session, or after the 60% point in time with a passing grade in the coursework completed.

**WF (Withdrawn Failing):** Given when a student withdraws formally after 60% of the calendar days of the session, with a failing grade in the coursework completed. WF is equivalent to failure.

**WU (Withdrawn Unofficially):** Given when the student ceases to attend classes without formally withdrawing from the course. WU is equivalent to a failure.

**WA (Administrative Withdrawal):** Given when the student fails to comply with New York State Public Health Laws #2165 and #2167 (Immunization).

**P** is a passing grade that is valid only in those few courses that are designated as permitting this grade.

**Z** is a temporary grade assigned when an instructor does not submit a grade.

## Withdrawal Procedures

In the Graduate Division, course withdrawals are allowable up to the official last day of classes. Withdrawal may have implications for federal financial aid. Students are advised to contact the Financial Aid Office prior to withdrawal. The procedure and outcome for a drop or withdrawal vary by the following four time periods.

*Through the first three weeks:* A course (or courses) must be dropped via CUNYfirst prior to classes and during the first three weeks of a regular semester. This may result in a refund of some portion of the tuition fee. The activity fee is not refundable unless the student has formally dropped from classes prior to the first official day of classes. The liability and refund rates and final day to drop a class or classes without a grade of W will be published for each session at [www.qc.cuny.edu/registrar](http://www.qc.cuny.edu/registrar).

*Week 4 through 60% of the session:* Withdrawals from courses during the first 60% of the calendar days of the session require no special approval. During this period, students must use CUNYfirst to withdraw and will receive a grade of W. The deadline for this action will be published each session at [www.qc.cuny.edu/registrar](http://www.qc.cuny.edu/registrar).

*Sixty-one percent of the session through week 13:* During this period, graduate students must complete a Request for Permission to Withdraw from a Course. This form may be obtained online or from the Registrar's Office. It must be signed by the course instructor and by the student's graduate advisor and must be filed in the Registrar's Office. The instructor must indicate whether the student is passing or failing as of the date of withdrawal. An indication of failure results in the grade of WF, which has the same effect on the student's grade-point average as an F.

*Week 14 through the end of classes:* Beginning with the fourteenth week of the semester, approval of the appropriate academic dean is required in addition to the above on the Permission form. This approval can be extended through the official last day of classes.

## Incomplete Work

*Incomplete (Inc.):* This grade, which must be requested by the student prior to the end of the semester, is given by the instructor to indicate a student has made a satisfactory record in coursework but, for good and sufficient reason, is unable to complete the course. A graduate student receiving this grade must complete the work of the course by the end of the next two regular semesters. Requests for extensions of time may be addressed to the appropriate academic dean. If the work for the course is not completed, the grade remains on the transcript without penalty. Students preparing to complete a course in which the grade is Incomplete must not register for the course a second time.

## Advisement

Matriculated students are urged to consult with their graduate advisor before registering for courses. New matriculants and non-matriculated students are required to obtain permission from the graduate advisor each semester prior to registering for courses. Instructors have the right to dismiss from class any non-matriculated student who did not obtain permission to enroll.

## Grade-Point Average (GPA)

The grade-point average is a numerical index of the student's academic record at Queens College, and is computed in the following manner:

1. Multiply the total number of credits earned at Queens College with each specific grade (A+ to C- and F) by the numerical values of these grades.
2. Add the number of credits taken at Queens College. This sum includes credits for courses failed (WU, WF, or F) as well as courses passed with grades A+ to C-. Credits completed with a grade of P are not included in this sum. (See also the Important Note below.)
3. Divide the result obtained in step 1 by the result obtained in step 2. This result becomes the grade-point average, which is calculated to three decimal places.

*Important Note:* Grades for courses transferred from other institutions are not included in the computation of the GPA; it is based only on grades received in Queens College courses. An exception to this is course(s) taken at other units of CUNY for which enrollment was by ePermit (see Transfer Credits and Permits in the Degree & Certificate Offerings section).

## Grade-Replacement Policy

As of September 1, 2014, graduate students are entitled to the following grade-replacement policy, which is limited to graduate courses: With the exception of courses that have been designated as repeatable for credit, graduate students may repeat only four credits for grade replacement within any one graduate program and only for a course receiving a grade of F or WF. The last grade received replaces the previous grade in the cumulative GPA.

## Transcripts

All students, regardless of when they attended Queens College, may request their official transcript through our transcript vendor, Credentials. For detailed information, and to place a transcript order, please visit the registrar's website at [www.qc.cuny.edu/registrar/transcripts](http://www.qc.cuny.edu/registrar/transcripts).

### COMPUTING THE GRADE-POINT AVERAGE

Grade	Numerical Value		Credits		Quality Points
A+	4	×	6	=	24
A	4	×	9	=	36
A–	3.7	×	3	=	11.1
B+	3.3	×	6	=	19.8
B	3	×	6	=	18
B–	2.7	×	3	=	8.1
C+	2.3	×	3	=	6.9
C	2	×	3	=	6
C–	1.7	×	3	=	5.1
WU, WF, F	0	×	3*	=	0
			45		135

$$135 \div 45 = 3.00$$

The GPA is 3.00.

\*Credit granted in computing the GPA, but not toward the degree

Students do not need to place transcript requests for unofficial transcripts as that data can be retrieved by self-service in CUNYfirst. Additionally, there is no need to place an order for offices or academic departments within Queens College, as they can access your record if necessary.

Online orders are generally processed within one to two business days after the order has been authorized and approved, and when all attachments have been received (if applicable). Students may indicate on their request if they wish to have their transcript held for current grades or a degree notation, or they can send the transcript as is by choosing the "Send Now" option.

### Required Grade-Point Average, Probation, and Dismissal

All programs must be completed with a minimum GPA of at least B (3.0). A matriculated graduate student whose GPA falls below 3.0 during the course of the program will be placed on probation. The student will then have up to 12 graduate credits within which to raise the GPA to 3.0. If this standard is not met, the student will be dismissed. If, after full completion of all the requirements for a graduate program, a student has an overall GPA above 2.950, the student may appeal to his or her MA advisor to request that the overall GPA be "rounded up" for administrative purposes to a 3.0, and the student thereby be allowed to graduate. The MA advisor, in consultation with their program, may approve or decline the request. If the MA advisor declines the request, they must do so in writing and indicate what remedies the student must perform (take an additional course or retake an existing course). If the MA advisor approves the request, they must do so in writing to the Dean of Graduate Studies, detailing why the request should be granted. If the student's overall GPA falls between 2.970 and 2.999, the Dean of Graduate Studies may approve the request. However, if the student's overall GPA falls between 2.950 and 2.969, the request and the dean's recommendation must be approved by the Graduate Scholastic Standards Committee (GSSC). The GSSC may approve the request or, if it does not, must detail what remedies the student must perform. Please note that if the appeal to round up the GPA is granted by either the GSSC or the Associate Provost, the overall GPA displayed on the student's transcript and academic record will not be changed. The rounding will be used only to establish eligibility for graduation. It must be emphasized that any overall GPA below 2.950 may not use this appeal process because the rounding process would lower, not raise, the value.

A matriculated graduate student who is dismissed must remain out of the college for at least one semester. To return, the student must file a formal application for reentry and pay a nonrefundable reentry fee by the appropriate deadline (see the Admission, Retention & Graduation section). The student must also petition the appropriate academic dean for permission to reenter. Requests for reentry will be reviewed on an individual basis.

Permission to reenter following a suspension may be granted one time only.

Students who have completed the total credits required by their degree or certificate program may not take additional credits at another institution to raise their GPA. At the completion of the total credits allotted to a program, if a student does not have a 3.0 average and wishes to register for additional courses at Queens College to attempt to raise the GPA, permission to do so must be obtained from the appropriate academic dean.

### Appeals of Grades

A student who believes he/she has received an inappropriate grade must take the following steps:

1. Consult with the instructor.
2. If no satisfactory resolution can be reached with the instructor, consult with the department chair and then, if necessary, the appropriate divisional academic dean. The chair or dean may convene a faculty committee to review the appeal.

3. If there is still no satisfactory resolution, appeal to the Office of Graduate Studies for a further review. The appeal must be in writing, and must detail the reasons the grade is felt to be inappropriate.
4. Appeals from the decisions of the Office of the Dean of Graduate Studies may be directed in writing to the GSSC.

At the department level, a grade appeal may be based on the academic quality of the student's work. The only basis for an appeal to the Office of the Dean of Graduate Studies and the GSSC is that the student feels he/she has been treated in an arbitrary and capricious manner by the instructor. To make such an appeal, the student must be prepared to demonstrate that the grade was assigned punitively, unfairly, or on a basis other than impartial academic evaluation.

Once a grade has been posted on the record, it may not be changed without the written permission of the Office of the Dean of Graduate Studies.

## Attendance

By registering in a course, the student assumes the obligation to fulfill the requirements set for that course by its instructor. Although absence in and of itself shall not affect a student's grade, students are responsible for such activities as participation in class discussions, laboratory sessions, field trips, etc.; the preparation of papers and reports; and the taking of quizzes and examinations—any or all of which may constitute a component in the student's final grade for the course. In addition to observing the regulation regarding withdrawal from a course, students are expected as a normal courtesy to inform the instructor of any prolonged absence or withdrawal.

Students who wish to withdraw officially from a course should refer to the section of this Bulletin dealing with withdrawal procedures (see first page of Scholastic Standards above).

Students who wish to request a grade of Incomplete (INC) should refer to the section on Incomplete Work on page 29.

## Grade Change Guide

The following is a faculty guide to reasons that may or may not be acceptable for faculty submitting Report of Change of Grade forms. While the list below is not exhaustive, a form with a reason not included here or one that carries too much extraneous information will be sent back to your department. If you have a question about a scenario not listed here, please contact the Registrar's office to find out what reason(s) might be appropriate.

These guidelines are very particular to protect the college when audited. Important note: This guide does not supersede or modify any existing academic policy at Queens College.



## Letter Grade (A+ through F) to Any Other Grade

An earned grade is, according to college policies, final and no additional work is to be evaluated. The only reason an instructor should ever change this grade is if an error was made. There are almost no exceptions to this rule.

The following could be valid: "Instructor error," "Misevaluation of an exam," "Miscalculation of student average," "Error in grading several assignments," or "Mix-up in my grading book." Not acceptable: "Student completed extra paper" or "Student retook final exam."

## On Graduate INC Grades

A graduate student has until the last day of final exams after two regular semesters to finish an outstanding Inc. grade. Specifically, Fall incomplete grades should be resolved by the end of the following Fall, Spring by the end of the following Spring, and Summer by the end of the following Spring as well.

After that time, the grade will not change in any way, but the student may petition the appropriate academic dean to allow extra time.

## For All Graduate Grades More than One Year Old

Grade changes must be approved by the appropriate academic dean for all grades more than one year old.

## Changing to and from WU

A WU should always be assigned where a student was once present, but ceased to attend classes and complete necessary coursework. In almost all cases, this grade is more appropriate than F for students who cease attendance.

If the instructor made a mistake and did not assign WU appropriately, the grade change form should read "instructor error." The reverse is also true and if the instructor made a mistake and assigned WU inappropriately, the grade change form should read "instructor error." Reasons denoting various types of "extenuating circumstances" should be excluded.

## Changing to and from WN

The WN grade is not available to instructors on their grade roster. It is assigned early in the semester by the Registrar to students who did not attend. If instructors simply need to remove a WN for a student who begins attendance during the term, they should file a Commencement of Attendance Revision Form.

If an instructor made a mistake on the attendance roster (or did not submit one at all), they may have no other option than to assign a WU come grading time. In this case, the grade change form should read WU to WN with the reason of "Student never attended." If a student assigned a WN did begin to attend, then the grade change should read WN to ?? where the reason is "student never attended the course." The ?? could be any earned grade (A+ through F), an INC, or a WU.

## Grade Appeals (see section on page 30)

In the event that a grade runs through the grade appeals process detailed in the college Bulletin, a letter from the decision-maker (chair or divisional dean) would preferably accompany the Change of Grade form. The reason could then be "Grade appeal approved" or something similar.

# University Policies

## Consumer Information for Prospective and Current Students

In addition to the information provided throughout this Bulletin, general information for prospective and current students is consolidated and easily accessible at [www.qc.cuny.edu/Pages/HEOACompliance.aspx](http://www.qc.cuny.edu/Pages/HEOACompliance.aspx). This includes the college graduation rate for degree-seeking, full-time students pursuant to the federal Higher Education Opportunity Act. This information is updated annually, and may also be obtained from the Office of Institutional Effectiveness (Kiely Hall 104 and 108, 997-5788).

## Policies Concerning Diversity, Inclusion, and Non-Discrimination

### Diversity and Inclusion

Queens College attracts a diverse student body, and fostering diversity is essential to its mission. The college's commitment to diversity includes encouraging and facilitating the participation of all members of the college community in all phases of college and campus activities. Additional information can be found on the website for the Queens College Office of Compliance & Diversity Programs at [WWW.QC.CUNY.EDU/ABOUT/ADMINISTRATION/AFFIRMATIVEACTION/PAGES/DEFAULT.ASPX](http://WWW.QC.CUNY.EDU/ABOUT/ADMINISTRATION/AFFIRMATIVEACTION/PAGES/DEFAULT.ASPX) (or at Kiely Hall 147, 997- 5888).

### Equal Opportunity and Non-Discrimination

The college has and enforces numerous policies against discrimination and is an Equal Opportunity and Affirmative Action institution. CUNY and Queens College do not discriminate on the basis of race, color, creed, national origin, ethnicity, ancestry, religion, age, sex (including pregnancy, childbirth, and related conditions), marital status, partnership status, disability, genetic information, alienage, citizenship, military or veteran status, status as a victim of domestic violence/ stalking/sex offenses, unemployment status, any other legally prohibited basis in accordance with federal, state, and city laws with respect to student admissions or access to programs, or in connection with administration or employment. The CUNY Policy on Equal Opportunity and Non-Discrimination addresses claims of discrimination based on the categories identified above. The policy can be found at [WWW1.CUNY.EDU/SITES/TITLE-IX/CAMPUS-WEBSITES/CUNY-POLICIES/](http://WWW1.CUNY.EDU/SITES/TITLE-IX/CAMPUS-WEBSITES/CUNY-POLICIES/).

### Policies Concerning Sexual Misconduct (Including Sexual Harassment and Sexual Assault)

In addition to policies prohibiting discrimination, CUNY's policies prohibit sexual misconduct, including sexual harassment and sexual assault, in connection with all university student services and academic programs.

The CUNY Policy on Sexual Misconduct and further information concerning Title IX, which prohibits sex discrimination, sexual harassment, and sexual assault in connection with all university student services and academic programs, and forbids discrimination on the basis of sex in employment and recruitment, consideration, or selection under any education program or activity operated by an institution receiving or benefiting from federal financial assistance, can be found at [www1.cuny.edu/sites/title-ix/campus-websites/cuny-policies/](http://www1.cuny.edu/sites/title-ix/campus-websites/cuny-policies/).

## Student Complaint and Accommodation Procedures

CUNY and Queens College provide procedures for student complaints and accommodations, depending on the nature of the concerns and circumstances. Students should review these resources to determine the avenue appropriate for their concern. Students who have a question about the applicable procedure to follow for a particular complaint should consult with the Office of the Vice President for Student Affairs (718-997-5500).

### General Student Complaints

In general, student complaints (other than those involving discrimination or harassment or concerning faculty) are heard initially by the Office of the Vice President for Student Affairs. If a student does not want to file a formal complaint or grievance, the vice president or designee will act as an ombudsman or mediator in an effort to resolve the problem and/or get an answer for the student. To file a formal complaint, students should write a detailed complaint and submit it via email to [VPSA@qc.cuny.edu](mailto:VPSA@qc.cuny.edu), or in person to the Office of the Vice President for Student Affairs (Student Union, Room 327). The vice president or other appropriate college official(s) will review the complaint and provide the student with a response, usually within 14 business days. The college official(s) providing a final determination will not be a person (or persons) involved in the alleged problem. Filings of complaints in good faith will not result in adverse action taken against the student for filing the complaint.

### Student Complaints about Faculty

CUNY and the college provide procedures for handling student complaints about faculty. The university respects the academic freedom of the faculty and will not interfere with such academic freedom as it relates to the content or style of teaching activities, and also recognizes the necessity of providing a procedure to address complaints about faculty treatment of students that are not protected by academic freedom and are not covered by other procedures. Examples of such complaints about faculty include incompetent or inefficient service, neglect of duty, physical or mental incapacity, and conduct unbecoming a member of the staff. The process provided for under this procedure includes informal resolution (contacting the chair of the faculty member to facilitate informal resolution) and/or a formal written complaint filed with the chair of the department, or, if the chair is the subject of the complaint, the academic dean or designee of the college president. In general, the complaint should be filed within 30 calendar days of the alleged conduct. The process for fact-finding, resolution/determination, appeal, and subsequent action is set forth in detail in CUNY's Procedures for Handling Student Complaints about Faculty Conduct in Academic Settings, which can be found at [www.cuny.edu/about/administration/offices/legal-affairs/policies-procedures/](http://www.cuny.edu/about/administration/offices/legal-affairs/policies-procedures/).

### Student Complaints of Discrimination

Students who believe they have been aggrieved in violation of CUNY's Policy on Equal Opportunity and Non-Discrimination may file complaints as provided for in that policy (see [www1.cuny.edu/sites/title-ix/campuswebsites/cuny-policies](http://www1.cuny.edu/sites/title-ix/campuswebsites/cuny-policies)).

The chief diversity officer and director of the Office of Compliance and Diversity Programs (OCDP), is responsible for investigating such claims. Of course, if a student's complaint concerns immediate health and safety, the student should report the conduct to Public Safety (718-997-5912/5911) and/or should call 911.

### Student Complaints of Sexual Misconduct

Students who believe they have been aggrieved in violation of CUNY's Policy on Sexual Misconduct may file complaints as provided for in that policy. (See [www1.cuny.edu/sites/title-ix/campus-websites/cunypolicies](http://www1.cuny.edu/sites/title-ix/campus-websites/cunypolicies).)

Members of the college community, including students, who become aware of allegations of sexual harassment should encourage the aggrieved individual to report the alleged sexual harassment to the Office of Compliance & Diversity Programs.

The university's Drug/Alcohol Use Amnesty Policy is intended to encourage victims of or witnesses to sexual harassment or sexual violence while under the influence of drugs or alcohol to report the conduct and seek medical assistance for themselves or others without fear of being disciplined for such drug or alcohol use. (See [www.cuny.edu/about/administration/offices/legal-affairs/policiesprocedures/](http://www.cuny.edu/about/administration/offices/legal-affairs/policiesprocedures/).)

The director of the Office of Compliance and Diversity Programs (OCDP), is responsible for investigating such claims (718-997-5888). Of course, if a student's complaint concerns immediate health and safety, the student should report the conduct to Public Safety (997-5912/5911) and to the police.

### Confidentiality

An individual who speaks to a college or CUNY employee about sexual harassment, gender-based harassment, or sexual violence should be aware that employees fall into three categories:

- (1) "confidential" employees, who have an obligation to maintain a complainant's confidentiality regarding the incident(s);
- (2) "responsible" employees, who are required to report the incident(s) to the Title IX coordinator; and
- (3) all other employees, who are strongly encouraged but not required to report the incident(s). "Confidential" employees include counselors or other staff members at the college Counseling Center; nurses, nurse practitioners, and other staff members in the college Health & Wellness Center; pastoral counselors (i.e., counselors who are also religious leaders); and staff members in women's and men's centers.

"Responsible" employees include the Title IX coordinator and staff, Office of Public Safety employees, the vice president for student affairs and all staff housed in that office, residence life staff and resident assistants, the college president, vice presidents, deans, athletic staff including faculty athletics representatives, department chairpersons/executive officers, human resources staff, employees in the University Office of the General Counsel, college attorney/labor designee and staff, international education liaisons, study abroad campus and field directors, faculty members at times when they are leading or supervising students on off campus trips, faculty and staff advisors to student groups, employees who are managers or supervisors, SEEK/College Discovery staff, college childcare center staff, directors of Educational Opportunity Centers affiliated with CUNY colleges, and faculty or staff academic advisors.

All other employees are permitted but not required to report any possible sexual harassment, gender-based harassment, or sexual violence; however, they are encouraged by CUNY and the college to make such a report.

For more information, see section IX of CUNY's Policy on Sexual Misconduct at [www1.cuny.edu/sites/title-ix/campus-websites/cuny-policies/](http://www1.cuny.edu/sites/title-ix/campus-websites/cuny-policies/).

### Accommodations for Students with Disabilities and for Pregnancy and Related Conditions

The college's Office of Special Services for Students with Disabilities (718-997-5870) is dedicated to providing support services for students with disabilities and pregnancy-related conditions in order to ensure accessibility of academic and other college activities. Such services may include registration assistance, equipment and device loans, reader/writer/attendant care referrals, interpreters, counseling, books on tape, test administration, liaison with counselors, and assistive technology services. To receive such services, students must register with the Office of Special Services and provide documentation of the disability and requested accommodations. In general, absences due to medical conditions related to pregnancy will be excused for as long as deemed medically necessary by a student's doctor, and students will be given the opportunity to make up missed work. (Employee requests are addressed by the Office of Human Resources.)

Appeals concerning such accommodations are handled by the Section 504/ADA coordinator and director of the Office of Compliance and Diversity Programs (OCDP) (718-997-5888).

For general CUNY policy on accommodations, see [www2.cuny.edu/about/administration/offices/hr/policiesand-procedures/](http://www2.cuny.edu/about/administration/offices/hr/policiesand-procedures/).

### **Accommodations for Religious Observance**

It is understood that observance of various religious holidays may impact class attendance, participation in examinations, and study or work requirements on particular days. Appropriate arrangements will be made to provide an equivalent opportunity to register for classes or make up any examination, study, or work requirements students may have missed because of such absence.

Students should provide advance notice to their professors of any religious obligations and indicate when such observance and obligations will conflict with class attendance or other college responsibilities. Faculty will reasonably accommodate students' religious obligations, provided that advance notice of these obligations is given by the student. To the extent possible, faculty will refrain from scheduling tests on such class days. Faculty are asked to take into consideration that students might need time off in advance of the holiday to complete related preparations. The student may also contact the Office of Student Affairs to initiate such accommodations.

If a faculty member does not accommodate a student's request with regard to examinations, assignments, or quizzes missed for reason of a religious holiday, students may pursue refused requests for such accommodation with the department chairperson and the chief diversity officer. See Religious Accommodations procedures, found at <https://www2.cuny.edu/about/administration/offices/legal-affairs/policies-procedures/reasonable-accommodations-and-academic-adjustments/vi-religious-accommodations/>.

Consistent with Education Law 224, students will not be expelled or refused admission because they are unable, due to their religious beliefs, to attend classes or participate in an examination, study, or work requirements on particular day(s).

## **Alcohol and Drug Policy**

The unlawful manufacture, possession, use, dispensation or distribution of alcohol and/or illegal drugs or other controlled substances on university and college premises, or as part of any university or college activity, is prohibited. See [www2.cuny.edu/wp-content/uploads/sites/4/pageassets/about/administration/offices/studentaffairs/policies/drug-alcohol2011.pdf](http://www2.cuny.edu/wp-content/uploads/sites/4/pageassets/about/administration/offices/studentaffairs/policies/drug-alcohol2011.pdf). In addition, students must comply with the Rules and Regulations for the Maintenance of Public Order (also known as the "Henderson Rules"), which appear below. It is essential that students familiarize themselves with these critical policies as well as the student disciplinary procedures related to the enforcement of these policies. See [www2.cuny.edu/about/administration/offices/ovsa/policies/under Student Conduct](http://www2.cuny.edu/about/administration/offices/ovsa/policies/under%20Student%20Conduct).

Any student found in violation of these policies or the Henderson Rules is subject to disciplinary action. Sanctions for violations may include admonition, warning, censure, discipline, probation, restitution, suspension, expulsion, complaint to civil authorities, and/or ejection. These sanctions are defined in the appendix to the Henderson Rules.

In addition, all members of the college community are expected to abide by city, state, and federal laws (Board of Trustees Bylaws, Article XV, Section 15.1). The college will not serve as a sanctuary and cannot insulate its members from the consequences of illegal acts. The college will not protect students or other members of the college community from prosecution under the law. Where appropriate, the university will refer persons who violate such laws for prosecution to the relevant governmental authorities and will cooperate fully with such authorities. Criminal sanctions, including fines or imprisonment, may be assessed in addition to sanctions imposed by the student disciplinary process.

Note that students who are employees found in violation of these standards of conduct may be subject to discipline under the provisions of their union contract and/or applicable college and CUNY policies. The sanctions that will be imposed may include, in addition to those found in the various contracts, verified attendance and successful participation in a drug/alcohol assistance program.

### **Substance Abuse**

Serious health risks accompany the use and abuse of alcohol and drugs. A student who is experiencing difficulty with alcohol or chemical/drug dependency may seek assistance directly from, or the Vice President of Student Affairs may refer a student to the College Counseling, Health & Wellness Center. The vice president may recommend that the student meet with a counselor for appropriate referral or assistance through self-help organizations or other outside intervention agencies.

Employees, including student employees, who are experiencing difficulty with alcohol or chemical dependency may, at the request of their supervisor, be asked to meet with a counselor. The counselor, after the interview, may recommend appropriate assistance through self-help organizations or other outside intervention such as drug rehabilitation or employee assistance programs. Employees may also seek assistance on their own.

The University's Drug/Alcohol Use Amnesty Policy is intended to encourage students to seek medical assistance for themselves or others with respect to drug and alcohol use without fear of being disciplined for such use. See [www2.cuny.edu/wp-content/uploads/sites/4/page-assets/about/administration/offices/legal-affairs/Drug-and-Alcohol-Use-AmnestyPolicy-10.1.2015.pdf](http://www2.cuny.edu/wp-content/uploads/sites/4/page-assets/about/administration/offices/legal-affairs/Drug-and-Alcohol-Use-AmnestyPolicy-10.1.2015.pdf).

## **Campus/Community-Based Services**

These services and information centers for alcohol and drug abuse are available to all members of the college community:

### **Counseling Services**

Frese Hall, 1st Floor • 718-997-5420

### **Health & Wellness Center**

Frese Hall, 3rd floor • 718-997-2760

### **Office of Human Resources**

Kiely Hall 163 • 718-997-4455

## **New York State Governor's Office Opiate/Heroin Initiative**

CUNY has joined the New York State Governor's Office in an important initiative to address a recent increase in heroin overdose. Heroin is an opiate, a class of drugs that is derived from the poppy plant. All opiate abuse, including many prescription painkillers, can lead to addiction, overdose, and even death. If you or someone you know is abusing heroin or prescription painkillers, CUNY's Mental Health and Wellness Offices can provide educational resources and referrals to organizations that can help. In addition, selected CUNY health and public safety staff are trained to administer Naloxone, a drug used to counter the effects of opioid overdose and prevent death. For immediate help, visit your local emergency room or call the OASAS HOPEline at 877-846-7369 (24 hours a day, seven days a week) to speak with a trained medical professional. HOPEline staff can answer your questions and help you find treatment. All calls are free and confidential.

## Tobacco-Free Policy

The college is a 100% tobacco-free campus, and tobacco may not be used anywhere on the college campus. This applies to all tobacco and related products, including chewing tobacco and e-cigarettes. Restrictions are in effect at all indoor and outdoor facilities under CUNY jurisdiction, including, but not limited to, entrances and exits to buildings, stairwells, athletic fields, and parking lots. The university policy also prohibits tobacco industry promotions, advertising, marketing, and distribution of marketing materials on campus properties, and tobacco industry sponsorship of athletic events and athletes.

Information on the policy and health-related matters, including assistance in breaking the habit, can be found at [www.qc.cuny.edu/about/sustainability/Pages/Tobaccofree.aspx](http://www.qc.cuny.edu/about/sustainability/Pages/Tobaccofree.aspx). See [www2.cuny.edu/about/universityresources/healthy-cuny/tobacco-free-cuny/developmentof-tobacco-free-policy/](http://www2.cuny.edu/about/universityresources/healthy-cuny/tobacco-free-cuny/developmentof-tobacco-free-policy/) for the text of the policy.

## Workplace Violence

CUNY and Queens College are committed to the prevention of workplace violence and will respond promptly to any threats and/or acts of violence.

While the university and college's Workplace Violence Policy applies to employees (including student employees), it is important that all students become familiar with the policy because it defines standards of conduct for all members of the university and college communities in order to provide a safe workplace.

For purposes of this policy, workplace violence is defined as any physical assault or acts of aggressive behavior occurring where an employee performs any work-related duty in the course of his or her employment, including but not limited to: (i) An attempt or threat, whether verbal or physical, to inflict physical injury upon an employee; (ii) Any intentional display of force that would give an employee reason to fear or expect bodily harm; (iii) Intentional and wrongful physical contact with an employee without his or her consent that entails some injury; and (iv) Stalking an employee in a manner that may cause the employee to fear for his or her physical safety and health when such stalking has arisen through and in the course of employment.

All employees and students are responsible for helping to create an environment of mutual respect and for assisting in maintaining a safe and secure work environment. Incidents involving workplace violence will be given the serious attention they deserve. Employees and students are responsible for reporting any incidents of workplace violence of which they become aware to the Public Safety Office. See [www.qc.cuny.edu/about/security/Documents/QC\\_WORKPLACE\\_VIOLENCE\\_PREVENTION\\_PROGRAM.pdf](http://www.qc.cuny.edu/about/security/Documents/QC_WORKPLACE_VIOLENCE_PREVENTION_PROGRAM.pdf).

## Computing Facilities/Use

CUNY's Policy on Acceptable Use of Computer Resources applies to all users of CUNY computer resources, whether affiliated with CUNY or not, and whether accessing those resources on a CUNY campus or remotely. This includes students who have registered for courses requiring the use of a computer and anyone who uses the Queens College computer network.

CUNY and Queens College maintain computer resources for academic and administrative use to support the university's mission of education, research, and public service. The security and good working order of these tools depend on responsible care and use by those who are accorded the privilege of using them. It is imperative that you familiarize yourself with and abide by the Acceptable Use and IT Security policies, which can be found at [www.cuny.edu/about/administration/offices/CIS/policies/ComputerUsePolicy.pdf](http://www.cuny.edu/about/administration/offices/CIS/policies/ComputerUsePolicy.pdf), and [www.cuny.edu/about/administration/offices/CIS/security/pnp/IT-Security-Procedures-6-25-2014.pdf](http://www.cuny.edu/about/administration/offices/CIS/security/pnp/IT-Security-Procedures-6-25-2014.pdf).

## Student Records

Student records and information are maintained by the college, and many records are available in the Registrar's Office (Jefferson Hall, 1st floor; 718-997-4400). Pursuant to the federal Family Educational Rights and Privacy Act (FERPA), with the exception of "directory information" and some other exceptions, a student's written consent is generally required before an educational institution may disclose personally identifiable information contained in educational records.

The college may provide "directory information" to persons with a legitimate interest in such information upon request, including requests from military recruiters. "Directory information" consists of a student's name, address, telephone number, date and place of birth, photograph, email address, full- or part-time status, enrollment status (undergraduate, graduate, etc.), level of education (credits completed), dates of attendance (years, dates, semesters or sessions; not daily records), major field of study, degree(s) enrolled for, participation in officially recognized activities and sports (teams), the height and weight of members of athletic teams, previous school attended, and degrees, honors, and awards received.

Students may request that "directory information" not be released without their prior consent by completing a Non-Disclosure Form in the Registrar's Office. This form also can be downloaded at [www2.cuny.edu/wpcontent/uploads/sites/4/page-assets/about/administration/offices/student-affairs/policies/FERPAForm.pdf](http://www2.cuny.edu/wpcontent/uploads/sites/4/page-assets/about/administration/offices/student-affairs/policies/FERPAForm.pdf) and returned to the Registrar's Office. Students should be aware that if they sign a Non-Disclosure Form to block the release of "directory information," they will need to sign and submit a release form to the Registrar's Office to authorize the release of "directory information" to others, such as financial institutions, employers, and other designated persons or entities.

In addition, the college may disclose personally identifiable information from student records to appropriate persons without written consent under a number of other circumstances provided for under FERPA, including in certain emergency situations. For instance, the college may reveal the final results of a disciplinary proceeding against a student accused of a violent crime or non-forcible sex offense, and may notify parent(s) or guardian(s) if the college determines that a student violated a controlled substance or alcohol rule.

Students should familiarize themselves with CUNY's Guidelines for the Implementation of the Student Records Access Policy and FERPA, which can be found at [www2.cuny.edu/wp-content/uploads/sites/4/page-assets/about/administration/offices/legal-affairs/Guidelines-for-implementation-of-the-Student-RecordsAccess-FERPA.pdf](http://www2.cuny.edu/wp-content/uploads/sites/4/page-assets/about/administration/offices/legal-affairs/Guidelines-for-implementation-of-the-Student-RecordsAccess-FERPA.pdf).

## Student Conduct and Discipline

In addition to policies with respect to academic integrity discussed in this Bulletin, the university's and college's policies and procedures applicable to student conduct include Article XV of CUNY's By-Laws concerning Student Conduct and Discipline (<http://policy.cuny.edu/bylaws/articlexv/text/#NavigationLocation>), Rules and Regulations for the Maintenance of Public Order pursuant to Education Law Section 129(a) (also known as the Henderson Rules, reprinted below), Residence Hall Disciplinary Procedures ([www2.cuny.edu/wpcontent/uploads/sites/4/page-assets/about/administration/offices/ovsa/policies/CUNY-ResidenceHallDisciplinaryProcedures.pdf](http://www2.cuny.edu/wpcontent/uploads/sites/4/page-assets/about/administration/offices/ovsa/policies/CUNY-ResidenceHallDisciplinaryProcedures.pdf)), and the college's anti-bullying policy ([www.qc.cuny.edu/StudentLife/services/Pages/AntiBullying.aspx](http://www.qc.cuny.edu/StudentLife/services/Pages/AntiBullying.aspx)). Under appropriate circumstances, the Queens College Behavioral Intervention Team will be involved in addressing student conduct.

It is critical that students familiarize themselves with these policies and procedures in order to understand standards of behavior, how to report any concerns, and student disciplinary procedures. In addition, students must be aware of any additional standards of conduct and procedures applicable to certain departments (such as the Athletics Office's special rules applicable to student-athletes). For example, CUNY's bylaws require students to meet all college obligations punctually, to use the property of the institution with care and economy, to obey the laws of the city, state, and nation, and to obey the orders of duly established college authorities. The Henderson Rules provide extensive guidance with respect to student conduct. Violation of any of the provisions of these bylaws may result in disciplinary action.



The college handles matters of student discipline through the Vice President for Student Affairs and the Faculty-Student Disciplinary Committee. Note that matters of academic discipline, including the process and procedure for addressing concerns about such conduct, are discussed in CUNY's Policy on Academic Integrity. See [www2.cuny.edu/wp-content/uploads/sites/4/page-assets/about/administration/offices/student-affairs/policies/AcademicIntegrityPolicywithoutmemo.pdf](http://www2.cuny.edu/wp-content/uploads/sites/4/page-assets/about/administration/offices/student-affairs/policies/AcademicIntegrityPolicywithoutmemo.pdf).

Please note that college-recognized student organizations (including clubs) are subject to various responsibilities and college policies. While the college does not supervise the use by student groups of leased or purchased off-campus facilities, student organizations are responsible for their conduct and for the management of their off-campus activities and/or housing, and such conduct and activities may be included under Article XV of the by-law referenced above, and the Henderson Rules articulated below.

## Rules and Regulations for the Maintenance of Public Order

("Henderson Rules": [policy.cuny.edu/manualofgeneralpolicy/articlevi/policy6.06/text/#NavigationLocation](http://policy.cuny.edu/manualofgeneralpolicy/articlevi/policy6.06/text/#NavigationLocation))

CUNY's Rules and Regulations for the Maintenance of Public Order are critical. As the bylaws of the Board of Trustees state: "Each student enrolled or in attendance in any college, school, or unit under the control of the board and every student organization, association, publication, club, or chapter shall obey the laws of the city, state, and nation, and the bylaws and resolutions of the board and the policies, regulations, and orders of the college" (<http://policy.cuny.edu/bylaws/articlexv/text/#NavigationLocation>).

The Rules and Regulations for the Maintenance of Public Order are as follows:

The tradition of the university as a sanctuary of academic freedom and center of informed discussion is an honored one, to be guarded vigilantly. The basic significance of that sanctuary lies in the protection of intellectual freedoms: the rights of professors to teach, of scholars to engage in the advancement of knowledge, of students to learn and to express their views, free from external pressures of interference. These freedoms can flourish only in an atmosphere of mutual respect, civility, and trust among teachers and students, only when members of the City University community are willing to accept self-restraint and reciprocity as the condition upon which they share in its intellectual autonomy.

Academic freedom and the sanctuary of the City University campus extend to all who share these aims and responsibilities. They cannot be invoked by those who would subordinate intellectual freedom to political ends, or who violate the norms of conduct established to protect that freedom. Against such offenders the City University has the right, and indeed the obligation, to defend itself. We accordingly announce the following rules and regulations to be in effect at each of our colleges, which are to be administered in accordance with the requirements of due process as provided in the Bylaws of the Board of Trustees.

With respect to enforcement of these rules and regulations, we note that the Bylaws of the Board of Trustees provide that:

**THE PRESIDENT.** The President, with respect to his/ her educational unit, shall:

- a. Have the affirmative responsibility of conserving and enhancing the educational standards of the college and schools under his/her jurisdiction;
- b. Be the adviser and executive agent to the board and of his/her respective college committee and as such shall have the immediate supervision with full discretionary power in carrying into effect the bylaws, resolutions, and policies of the board, the lawful resolutions of any of its committees, and the policies, programs, and lawful resolutions of the several faculties;
- c. Exercise general superintendence over the concerns, officers, employees, and students of his/her educational unit.

### I. Rules

1. Members of the academic community shall not intentionally obstruct and/or forcibly prevent others from the exercise of their rights. Nor shall they interfere with the institution's educational process or facilities or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational, and community services.
2. Individuals are liable for failure to comply with lawful directions issued by representatives of the City University/college when they are acting in their official capacities. Members of the academic community are required to show their identification cards when requested to do so by an official of the college.
3. Unauthorized occupancy of City University/ college facilities or blocking access to or from such areas is prohibited. Permission from appropriate college authorities must be obtained for removal, relocation, and use of City University/college equipment and/or supplies.
4. Theft from or damage to City University/college premises or property, or theft of or damage to property of any person on university/college premises is prohibited.
5. Members of the academic community or their invited guests have the right to advocate a position without having to fear abuse—physical, verbal, or otherwise—from others supporting conflicting points of view. Members of the academic community and other persons on the college grounds shall not use language or take actions reasonably likely to provoke or encourage physical violence by demonstrators, those demonstrated against, or spectators.
6. Action may be taken against any and all persons who have no legitimate reason for their presence on any campus within the City University/college, or whose presence on any such campus obstructs and/or forcibly prevents others from the exercise of their rights or interferes with the institution's educational processes or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational, and community services.
7. Disorderly or indecent conduct on City University/ college-owned or-controlled property is prohibited.
8. No individual shall have in his/her possession a rifle, shotgun, or firearm or knowingly have in his/her possession any other dangerous instrument or material that can be used to inflict bodily harm on an individual or damage upon a building or the grounds of the City University/college without the written authorization of such educational institution. Nor shall any individual have in his/her possession any other instrument or material which can be used and is intended to inflict bodily harm on an individual or damage upon a building or the grounds of the City University/college.
9. Any action or situation which recklessly or intentionally endangers the mental or physical health or involves the forced consumption of liquor or drugs for the purpose of initiation or affiliation with any organization is prohibited.
10. The unlawful manufacture, distribution, dispensation, possession, or use of illegal drugs or other controlled substances by City University employees in the workplace is prohibited. Employees of the City University must also notify the college's human-resources director of any criminal drug statute conviction for a violation occurring in the workplace not later than five days after such conviction.
11. The unlawful possession, use, or distribution of alcohol by students or employees on City University/ college premises or as part of any City University/college activities is prohibited.

### II. Penalties

1. Any student engaging in any manner in conduct prohibited under substantive Rules 1–11 shall be subject to the following range of sanctions as hereafter defined in the attached Appendix: admonition, warning, censure, disciplinary probation, restitution, suspension, expulsion, ejection, and/or arrest by the civil authorities.

2. Any tenured or non-tenured faculty member, or tenured or non-tenured member of the administrative or custodial staff, engaging in any manner in conduct prohibited under substantive Rules 1–11 shall be subject to the following range of penalties: warning, censure, restitution, fine not exceeding those permitted by law or by the Bylaws of the City University, suspension with/ without pay pending a hearing before an appropriate college authority, dismissal after a hearing, ejection, and/or arrest by the civil authorities, and, for engaging in any manner in conduct prohibited under substantive Rule 10, may, in the alternative, be required to participate satisfactorily in an appropriately licensed drug treatment or rehabilitation program. In addition, a tenured faculty member, or tenured member of the administrative or custodial staff, engaging in any manner in conduct prohibited under substantive Rules 1–11 shall be entitled to be treated in accordance with applicable provisions of the Education Law or Civil Service Law.
3. Any visitor, licensee, or invitee engaging in any manner in conduct prohibited under substantive Rules 1– 11 shall be subject to ejection and/or arrest by the civil authorities.
4. Any organization that authorizes conduct prohibited under substantive Rules 1–11 shall have its permission to operate on campus rescinded. Penalties 1–4 shall be in addition to any other penalty provided by law or the City University.

## Appendix A

### Sanctions Defined:

A. Admonition. An oral statement to the offender that he has violated City University rules.

B. Warning. Notice to the offender, orally or in writing, that continuation or repetition of the wrongful conduct, within a period of time stated in the warning, may cause for more severe disciplinary action.

C. Censure. Written reprimand for violation of specified regulation, including the possibility of more severe disciplinary sanction in the event of conviction for the violation of any City University regulation within a period stated in the letter of reprimand.

D. Disciplinary Probation. Exclusion from participation in privileges or extracurricular City University activities as set forth in the notice of disciplinary probation for a specified period of time.

E. Restitution. Reimbursement for damage to or misappropriation of property. Reimbursement may take the form of appropriate service to repair or otherwise compensate for damages.

F. Suspension. Exclusion from classes and other privileges or activities as set forth in the notice of suspension for a definite period of time.

G. Expulsion. Termination of student status for an indefinite period. The conditions of readmission, if any is permitted, shall be stated in the order of expulsion.

H. Complaint to Civil Authorities.

I. Ejection.

Resolved. That a copy of these rules and regulations be filed with the Regents of the State of New York and with the Commissioner of Education.

Resolved. That these rules and regulations be incorporated in each college bulletin.

## Programs of Study

Scheduling information for courses listed is based on information available when the Bulletin went to press. Curricula are subject to change. Students are advised to check with the department office for the most current program requirements and course descriptions.

### Course Levels

500-level courses are special-purpose courses; graduate students may take these courses at the discretion of each department. 500-level courses cannot be credited toward the Master of Arts, Master of Arts in Liberal Studies, Master of Fine Arts, Master of Library Science, or Master of Music degrees, but are counted toward the Master of Arts in Teaching and Master of Science in Education degrees.

600-level courses are introductory graduate courses.

700-level courses are intended primarily for master's degrees and first-level doctoral students.

#### Undergraduate Students in Graduate Courses

Graduate 500- and 600-level courses may be taken by undergraduate students provided that all prerequisites are met and departmental permission is obtained.

Upper-division undergraduate students may be admitted to 700-level graduate courses, other than education courses, provided they have a minimum cumulative average of B and the permission of the chair or graduate advisor of the department offering the course.

For graduate education courses at the 700 level, students must have the permission of the chair and the dean of the Division of Education. In specific cases, additional prerequisites may be required. With appropriate approval, graduate courses can be counted toward the undergraduate degree.

In some circumstances, it is possible that graduate course credits taken by a Queens College undergraduate can be applied toward the master's degree instead of toward the undergraduate degree. In such circumstances, the graduate course credits must be in excess of the 120 credits required for the undergraduate degree. In addition, such graduate courses cannot be counted toward the undergraduate major or used to meet other undergraduate requirements.

A Queens College undergraduate who takes graduate courses and later receives approval to use those courses toward the graduate degree will be billed accordingly at the graduate level for the difference in tuition fees. For additional information, undergraduate students should consult the chair or graduate advisor of their academic department. (See also BA/MA Degree Programs in the section on Degree & Certificate Offerings.)

### Graduate Students in Undergraduate Courses

Graduate students should be aware that undergraduate courses do not accrue credits toward a graduate degree or an advanced certificate.

### Graduate Center Courses

The letter "U" preceding a course number indicates that this is a doctoral course. Students must register for doctoral courses through the CUNY Graduate School. These courses may be taken by students who have the prerequisites, whether or not they intend to continue for the doctoral degree. Students are advised to complete the permit process before registering at the Graduate School. (See Transfer Credits and Permits in the Degree & Certificate Offerings section.)

## Overlapping Courses

Academic policy as passed by the Senate of the college **PROHIBITS** registration into courses with overlapping schedules. Students who register into courses that overlap **WILL BE DROPPED** from one of the courses. **NO EXCEPTIONS** will be made.

## Getting to the College

Queens College of the City University of New York is located at the corner of the Long Island Expressway (LIE) and Kissena Blvd. (exit 24) in Flushing.

### By Car

The campus can be reached from Manhattan via the Midtown Tunnel; from the Bronx or Westchester via the Robert F. Kennedy (Triboro), Whitestone, or Throgs Neck Bridge; and from farther out on Long Island via the LIE, Grand Central Parkway, or Northern Blvd.

### By Public Transportation

*Via Flushing:* Take the Long Island Railroad (LIRR) or the #7 subway to Main St., Flushing. From Main St., take the Q25, Q34, or Q17 bus to Kissena Blvd. in front of the college's main gate.

*Via Forest Hills:* Take the E, F, M, or R subway to 71st/ Continental Ave., Forest Hills. From there, take the Q64 bus to Kissena Blvd. and Jewel Ave.

*Via Jamaica:* Take the F subway to Parsons Blvd./ Hillside Ave. or the Long Island Rail Road (LIRR) to the Jamaica station. From either Hillside Ave. and Parsons Blvd. or Jamaica Ave. and 160th Street, take the Q25 or Q34 bus. Alternatively, from Hillside Ave. and either 169th or 179th Street in Jamaica, take the Q17 bus to the Long Island Expressway and Kissena Blvd.

### Bus Lines (NYC Transit Authority)

Q17 Runs from Main Street, Flushing (IRT and LIRR stations), to 165th Street terminal in Jamaica (passing the IND 179th Street station). Travels along Kissena Blvd., the LIE service road, 188th Street, and Hillside Ave. Stops at Kissena Blvd. and the LIE, two blocks north of the main gate.

Q25 & Q34 Both run from Main Street, Flushing (IRT and LIRR stations), along Kissena and Parsons Blvds. to Jamaica Ave. and 160th Street (BMT and IND connections), and stop at the main gate.

Q44 Runs from West Farms Square, Bronx (IRT station), to Sutphin Blvd., Jamaica (LIRR station). Stops at Main Street and Melbourne Ave., two blocks west of the campus.

Q64 Runs from 71st/Continental Ave., Forest Hills (IND station), along Jewel Ave. to 165th Street. Stops one block south of the campus at Kissena Blvd. and Jewel Ave.

Q88 Runs from Springfield Blvd. and Union Turnpike along Springfield Blvd. to 73rd Ave., along 73rd Ave. to 188th Street, along 188th Street to the LIE, along the LIE service road to Queens Blvd. and Woodhaven Blvd. Stops at Kissena Blvd. and the LIE, two blocks north of the main gate.

### Queens College Shuttle

All students may ride the Queens College Shuttle, which travels between the college and mass-transit hubs at Jamaica Station and the Flushing–Main Street Station. For routes and schedules, visit [www.qc.cuny.edu/shuttle](http://www.qc.cuny.edu/shuttle).

## All Archived Graduate Catalogs

ARCHIVED GRADUATE CATALOGS		
<a href="#">2022-2023 Graduate Bulletin</a>		
<a href="#">2021-2022 Graduate Bulletin</a>		
<a href="#">2020-2021 Graduate Bulletin</a>		
<a href="#">2019-2020 Supplement to Undergraduate and Graduate Bulletins</a>		
<a href="#">2019-2020 Graduate Bulletin</a>		
<a href="#">2018-2019 Graduate Bulletin</a>		
<a href="#">2017-2018 Graduate Bulletin</a>		
<a href="#">2016-2017 Graduate Bulletin</a>		
<a href="#">2015-2016 Graduate Bulletin</a>		
<a href="#">2014-2015 Graduate Bulletin</a>		
<a href="#">2013-2014 Graduate Bulletin</a>		
<a href="#">2012-2013 Graduate Bulletin</a>		
<a href="#">2009-2012 Graduate Education Addendum</a>		
<a href="#">2009-2012 Graduate Bulletin</a>		
<a href="#">2006-2009 Supplement</a>		
<a href="#">2006-2009 Graduate Bulletin</a>		
<a href="#">2004-2006 Graduate Bulletin</a>		
<a href="#">2002-2004 Graduate Bulletin</a>		
<a href="#">2000-2002 Graduate Bulletin</a>		
<a href="#">1997-1999 Graduate Bulletin</a>		
<a href="#">1996-1997 Graduate Bulletin</a>		

## Aaron Copland School of Music Department

The Aaron Copland School of Music offers conservatory-level training in classical performance, classical composition, jazz performance, and jazz composition, leading to the Master of Music (MM) degree. It offers university curricula in musical composition, theory, and musicology, leading to the Master of Arts (MA) degree. In conjunction with the School of Education, the School of Music offers a music education program leading to the Master of Science (MS) degree in Music Education and a post-baccalaureate program that leads to New York State Initial Teacher Certification. In addition, the School of Music offers Certificate and Diploma programs in classical performance. A graduate certificate in recording technology and music production is also offered.

The MM in Classical Performance includes private instruction in the major instrument or voice, ensembles, studies in historical performance practice, and other courses geared to the needs of classical performers. A student may major in a standard orchestral, keyboard, or early-music instrument, in classical guitar, voice, or conducting (orchestral or choral).

The MM in Jazz Studies includes private instruction, jazz ensembles, studies in jazz harmony, improvisation, arranging, recording techniques, and other courses suited to the needs of today's jazz musician. Students may major in either jazz performance or jazz composition.

The MM in Composition provides necessary training for classical composers. The MA in Musicology and the MA in Music Theory are designed primarily for those who wish to pursue doctoral studies in musicology or music theory, but they also provide suitable training for students who plan to enter other music-related fields.

The MS in Education (Music) includes methods, conducting, and rehearsal techniques, as well as research courses in music education. It is designed to provide professional training for those who are teaching or expect to teach general music or vocal, choral, and/or instrumental music in elementary and secondary schools. Electives are planned for the needs of the school music teacher or are drawn from other graduate music offerings. Concentrations in instrumental music, choral music, general music, jazz music education, composition pedagogy, and conducting are offered. Further information about the music education programs begins on page 224.

The School of Music Building includes the LeFrak Concert Hall with tracker organ, a smaller recital hall, choral and orchestral rehearsal spaces, classrooms surrounding a central skylit atrium, practice rooms and teaching studios, an expanded music library to house the extensive music collections, an expanded electronic music studio, music education workshop facilities, two recording studios, faculty offices, and student and faculty lounges. The building is acoustically isolated and is one of the most advanced music facilities in the area.

### Programs

MAP-ADVCT - Music and Production  
 MSCOLGY-MA - Musicology  
 MTHEORY-MA - Music Theory  
 MUED-MSED - Music Education  
 MUSCHAM-AD - Chamber Music  
 MUSCLPR-MM - Classical Performance  
 MUSCNDT-MM - Conducting

MUSCOMP-MM - Composition  
 MUSICED-AC - Music Education  
 MUSJAZZ-MM - Jazz Studies  
 MUSPERF-AC - Music Performance  
 MUSPERF-AD - Music Performance  
 MUSPSD-AC - Performance-Professional Studies

### Courses

JAZZ 701 - Jazz Harmony  
 JAZZ 702 - Jazz Harmony II  
 JAZZ 703 - Jazz Improvisation I  
 JAZZ 704 - Jazz Improvisation II  
 JAZZ 705 - Jazz Arranging and Composition I  
 JAZZ 706 - Jazz Arranging and Composition II  
 JAZZ 707 - Counterpoint for Composers and Arrangers I  
 JAZZ 709 - Jazz Piano Workshop I  
 JAZZ 710 - Jazz Piano Workshop II  
 JAZZ 711 - Jazz Rhythm Section Workshop  
 JAZZ 712 - Improvisation for Vocalists  
 JAZZ 713 - Jazz Transcription and Ear Training  
 JAZZ 714 - Jazz Style and Analysis  
 JAZZ 715 - Sight-reading  
 JAZZ 716 - Improvisation for Drummers  
 JAZZ 717 - Jazz History Survey  
 JAZZ 718 - Topics in Jazz History  
 JAZZ 721 - Jazz Lessons in Composition  
 JAZZ 722 - Jazz Lessons in Composition  
 JAZZ 723 - Jazz Lessons in Composition  
 JAZZ 724 - Private Instruction in Jazz Performance  
 JAZZ 725 - Private Instruction in Jazz Performance  
 JAZZ 726 - Private Instruction in Jazz Performance  
 JAZZ 786 - Combo Workshop  
 JAZZ 790 - VT: Special Topics  
 JAZZ 794 - Jazz Ensemble  
 MUS 728 - Mus Sys & Spec Theo  
 MUSIC 606 - Queens College Choral Society  
 MUSIC 617 - Introduction to the Alexander Technique  
 MUSIC 641 - Teaching of Instrumental Music  
 MUSIC 642 - Teaching of Choral Music  
 MUSIC 643 - Seminar in the Teaching of Music  
 MUSIC 644 - Student Teaching in Music

MUSIC 645 - Seminar in Teaching Music: Elementary  
 MUSIC 646 - Seminar in Teaching Music: Secondary  
 MUSIC 659 - General Music in the Elementary Schools  
 MUSIC 660 - General Music in the Secondary Schools  
 MUSIC 661 - Group Instruction in Upper Strings  
 MUSIC 662 - Group Instruction in Lower Strings  
 MUSIC 663 - Group Instruction in Woodwinds  
 MUSIC 666 - Vocal Pedagogy  
 MUSIC 667 - Group Instruction in Brass  
 MUSIC 668 - Group Instruction in Percussion  
 MUSIC 669 - Conducting II  
 MUSIC 670 - Advanced Conducting  
 MUSIC 678 - Introduction to Research in Music Education  
 MUSIC 688 - Seminar in Research in Music Education  
 MUSIC 689 - Topics In Music Education  
 MUSIC 690 - Foundations of Music Education  
 MUSIC 691 - Psychology of Music  
 MUSIC 692 - Thesis In Mus Educ  
 MUSIC 693 - Inquiry In Mus Educ  
 MUSIC 700 - Bibliography and Research Techniques  
 MUSIC 701 - Writing about Music  
 MUSIC 702 - Critical and Theoretical Approaches to Music Scholarship  
 MUSIC 703 - Music Career Development  
 MUSIC 705 - Medieval Notation  
 MUSIC 706 - Renaissance Notation  
 MUSIC 707 - Individual Musical Performance I  
 MUSIC 708 - Individual Musical Performance II  
 MUSIC 709 - Individual Musical Performance III  
 MUSIC 710 - Ethnomusicology Seminar  
 MUSIC 712 - Ethnomusicology  
 MUSIC 713 - Topical Course in Ethnomusicology  
 MUSIC 714 - Recording Studio Fundamentals  
 MUSIC 717 - Songwriting

- MUSIC 720 - Advanced Orchestration  
 MUSIC 721 - Music Business  
 MUSIC 725 - Composers' Workshop  
 MUSIC 7261 - Electronic Music Studio I  
 MUSIC 7262 - Electronic Music Studio II  
 MUSIC 728 - Musical Systems and Speculative Theory  
 MUSIC 729 - Private Lessons in Composition I  
 MUSIC 730 - Private Lessons in Composition II  
 MUSIC 731 - Private Lessons in Composition III  
 MUSIC 7331 - Computer Music I  
 MUSIC 7332 - Computer Music II  
 MUSIC 735 - Audio and MIDI Sequencing I  
 MUSIC 736 - Audio and MIDI Sequencing II  
 MUSIC 738 - Musical Iconography  
 MUSIC 739 - Film Scoring I  
 MUSIC 740 - Digital Recording and Composition I  
 MUSIC 741 - Digital Recording and Composition II  
 MUSIC 742 - Proseminar in Analysis and Style Criticism  
 MUSIC 743 - Film Scoring II  
 MUSIC 744 - Music for Media  
 MUSIC 745 - Introduction to Schenkerian Analysis  
 MUSIC 746 - Introduction to Post-Tonal Theory  
 MUSIC 747 - String Repertory  
 MUSIC 748 - Woodwind Repertory  
 MUSIC 749 - Brass Repertory  
 MUSIC 750 - Piano Repertory  
 MUSIC 751 - Vocal Repertory  
 MUSIC 752 - Percussion Repertory  
 MUSIC 753 - Style Criticism: Topical Lecture Courses in Analysis and Criticism  
 MUSIC 758 - Musicianship for Graduate Students  
 MUSIC 759 - Studies in Tonal Harmony and Counterpoint  
 MUSIC 760 - Musicology Seminar  
 MUSIC 761 - Musicology Seminar  
 MUSIC 762 - Seminar in Music Theory  
 MUSIC 763 - Seminar in Music Theory  
 MUSIC 764 - Topical Course in Applied Music Theory  
 MUSIC 765 - Theory: Topical Lecture Courses  
 MUSIC 766 - Topics in Chamber Music Research  
 MUSIC 767 - Topical Course in Performance  
 MUSIC 7672 - Topical Course in Performance  
 MUSIC 7673 - Topical Course in Performance  
 MUSIC 768 - Western Music History Survey  
 MUSIC 769 - Piano Pedagogy  
 MUSIC 770 - Advanced Piano Pedagogy  
 MUSIC 771 - Performance Literature Seminar  
 MUSIC 772 - The Art of Keyboard Collaboration  
 MUSIC 773 - Topics in the History of Music  
 MUSIC 774 - Chamber Music I  
 MUSIC 775 - Chamber Music II  
 MUSIC 776 - Chamber Music III  
 MUSIC 777 - Seminars in Performance Practice  
 MUSIC 7771 - Renaissance Performance  
 MUSIC 7772 - Baroque  
 MUSIC 7773 - Classical and Romantic  
 MUSIC 7774 - Twentieth Century  
 MUSIC 778 - Performance Workshop for Conductors  
 MUSIC 7784 - Performance of Non-Western Instruments of Music  
 MUSIC 779 - Musical Analysis for Performers  
 MUSIC 784 - Music since 1900 I  
 MUSIC 785 - Music since 1900 II  
 MUSIC 787 - Recital Preparation  
 MUSIC 789 - Thesis  
 MUSIC 790 - Special Topics  
 MUSIC 7901 - VT: Special Topics  
 MUSIC 7902 - VT: Special Topics  
 MUSIC 7903 - VT: Special Topics  
 MUSIC 791 - Special Topics  
 MUSIC 7911 - VT: Special Topics  
 MUSIC 7912 - VT: Special Topics  
 MUSIC 7913 - VT: Special Topics  
 MUSIC 792 - Orchestra  
 MUSIC 793 - Symphonic Wind Ensemble  
 MUSIC 7941 - Vocal Ensemble  
 MUSIC 7942 - Collegium Musicum (Renaissance and Baroque Instrumental Ensemble)  
 MUSIC 7943 - Baroque Ensemble  
 MUSIC 7944 - Nota Bene (Contemporary Instrumental Ensemble)  
 MUSIC 7945 - Brass Ensemble  
 MUSIC 7946 - Percussion Ensemble  
 MUSIC 7947 - Treble Choir  
 MUSIC 7948 - Concert Choir  
 MUSIC 795 - Chamber Orchestra  
 MUSIC 7950 - Chamber Orchestra  
 MUSIC 7951 - Chamber Orchestra  
 MUSIC 796 - Opera Studio  
 MUSIC 7961 - Opera Studio  
 MUSIC 7962 - Opera Studio  
 MUSIC 7963 - Opera Studio  
 MUSIC 797 - Balinese Gamelan  
 MUSIC 798 - Advanced Solfège and Score Reading  
 MUSIC 7981 - Advanced Solfège and Score Reading  
 MUSIC 7982 - Advanced Solfège and Score Reading  
 MUSIC 799 - Percussion Repertory

## Accounting & Information Systems Department

In an economy driven by the rapid emergence of new technologies, new business models, and business globalization, transacting in capital markets becomes increasingly complex, and the role of accounting increasingly vital. The entity's management must ensure that its internal structures and controls allow it to deliver timely and accurate information to regulators, its board of directors, and investors about its financial performance. Regulators and standard-setters continually evaluate the degree to which existing accounting standards reliably depict the economic impact of the entities business activities. Investors and other market participants must assess the degree to which the entities financial statements and other disclosed information reflect the entities performance and economic risks. Indeed, management structures activities through a variety of complex transactions such as securitizations and hedging to transfer risks to counterparties and minimize exposure to losses.

At Queens College, the Department of Accounting & Information Systems must also adapt to the changing needs of the profession and our economy. We rigorously evaluate our curriculum and criteria for student success to ensure that our programs reflect the high level educational needs of the profession. We work hard to provide our students with support and guidance. There are many resources available within the Department and the College to help you make the most of your educational experience and achieve your professional goals.

### Programs

ACCT-MS - Accounting

TAX-MS - Taxation

### Courses

ACCT 600 - Financial Accounting Theory and Practice: Part 1

ACCT 601 - Financial Accounting Theory and Practice: Part 2

ACCT 602 - Financial Accounting Theory and Practice: Part 3

ACCT 603 - Concepts of Managerial Accounting

ACCT 604 - Concepts of Auditing and Computer Auditing

ACCT 605 - Introduction to Business Law

ACCT 606 - Federal and New York State Taxes on Income  
 ACCT 701 - Risk Management  
 ACCT 702 - Acct For Risk Mgmt  
 ACCT 703 - Risk Management-Investment & Market Risk  
 ACCT 704 - Risk Measurement  
 ACCT 705 - Risk Trans To Fin Mkts  
 ACCT 706 - Risk Mgmt 706  
 ACCT 707 - Contemporary issues in Management Accounting  
 ACCT 710 - Fixed Income Inst  
 ACCT 712 - Advanced Financial Accounting Theory  
 ACCT 723 - Advanced Auditing Theory and Practice  
 ACCT 747 - Tax and Accounting Communications  
 ACCT 748 - Advanced Accounting Information Systems  
 ACCT 751 - Public Interest Law  
 ACCT 752 - Advanced Studies in Business Law  
 ACCT 757 - Federal Taxation of Business Entities

ACCT 758 - State and Local Taxation, and Tax-Exempt Entity  
 ACCT 759 - Estate, Gifts and Trust Taxation  
 ACCT 760 - IRS Ethical Tax Practice, Procedures and Research Methods  
 ACCT 761 - Taxation of Partnership and S Corporation  
 ACCT 762 - Deferred Compensation & Employee Benefits  
 ACCT 763 - International Taxation  
 ACCT 764 - Reorganization, Liquidations and Consolidated Returns  
 ACCT 765 - Capstone  
 ACCT 773 - Government and Nor-For-Profit Accounting and Auditing  
 ACCT 785 - Data Analytics for Accountants  
 ACCT 790 - Appl Dyn Fin Analysis  
 ACCT 791 - Appl Fin Dyn Analy Model  
 ACCT 7911 - Special Problems in Accounting  
 ACCT 7912 - Special Problems in Accounting  
 ACCT 7913 - Special Problems in Accounting

## Art Department

Welcome to the Art Department at Queens College—home to programs in Art History, Design, Studio Art and Social Practice. Our programming equips students to meet creative challenges of the 21st century through creative exploration, rigorous coursework, and exposure to a wide array of practices. Whether your interests lay in academic pursuits, honing traditional techniques, or exploring new frontiers, we offer many areas of study for both undergraduate & graduate students.

Our undergraduate degrees include Studio Art (BA/BFA), Art History (BA), Art Education (BA), Design (BFA), and Photography & Imaging (BFA).

Our graduate degrees include Studio Art (MFA), Art History (MA) and Social Practice (MFA/Post-Baccalaureate Certificate)

Visit our department website to view more in-depth program and course descriptions, faculty profiles, student works and activities, and other helpful resources.

## Programs

ARTH-MA - Art History

ARTS-MFA - Studio Art

## Courses

ARTH 501 - The Language Of Art  
 ARTH 502 - Vt: Topics in Ancient Art  
 ARTH 503 - Vt: Medievalart  
 ARTH 504 - Vt: Renaissance & Baroque Art  
 ARTH 505 - Variable Topics: Modern Art  
 ARTH 506 - Vt: Art Of The U.S.  
 ARTH 507 - Vt: Asian Art  
 ARTH 508 - Vt: Art Of Americas  
 ARTH 556 - Indp Stdy: Art Hist  
 ARTH 700 - Museum Studies  
 ARTH 701 - Topics in the History of Art  
 ARTH 702 - Seminar in the History of Art  
 ARTH 740 - Art History Methods Colloquium  
 ARTH 7411 - Ancient Painting  
 ARTH 7412 - Greek Sculpture  
 ARTH 7414 - Studies in Ancient Art  
 ARTH 7421 - Late Antique and Early Medieval Art  
 ARTH 7422 - Gothic Art  
 ARTH 7423 - Studies in Medieval Art  
 ARTH 7432 - Art of the High Renaissance in Italy  
 ARTH 7433 - Renaissance and Baroque Architecture  
 ARTH 7434 - Early Netherlandish Painting  
 ARTH 7435 - Studies in Renaissance Art  
 ARTH 7441 - Dutch Painting in the Seventeenth Century  
 ARTH 7442 - Italian Painting in the Seventeenth Century  
 ARTH 7443 - Studies in Baroque Art  
 ARTH 7451 - Impressionism and Post-Impressionism  
 ARTH 7453 - Modern Architecture  
 ARTH 7454 - Art of the United States from the Colonial Era to 1900  
 ARTH 7456 - Studies in 18th-Century Art  
 ARTH 7457 - Studies in Modern Art  
 ARTH 7458 - Studies in Contemporary Art  
 ARTH 7459 - Studies in the Art of the United States  
 ARTH 7471 - Studies In Asian Art  
 ARTH 7472 - Studies in Chinese Art and Architecture  
 ARTH 7473 - Studies in Japanese Art  
 ARTH 7474 - Studies in Indian Art

ARTH 7481 - Studies in Mesoamerican Art  
 ARTH 7482 - Studies in Andean Art  
 ARTH 7511 - Seminar in Ancient Art  
 ARTH 7513 - Seminar in Ancient Art  
 ARTH 7521 - Seminar in Medieval Art  
 ARTH 7522 - Seminar in Medieval Art  
 ARTH 7523 - Seminar in Medieval Art  
 ARTH 7531 - Seminar in Renaissance Art  
 ARTH 7532 - Seminar in Renaissance Art  
 ARTH 7533 - Seminar in Renaissance Art  
 ARTH 7534 - Seminar in Renaissance Art  
 ARTH 7541 - Seminar in Baroque Art  
 ARTH 7548 - Seminar in Baroque Art  
 ARTH 7552 - Seminar in Modern Art  
 ARTH 7553 - Seminar in Modern Art  
 ARTH 7554 - Seminar in Modern Art  
 ARTH 7554 - Seminar in Modern Art  
 ARTH 7555 - Seminar in Modern Art  
 ARTH 7556 - Seminar in Contemporary Art  
 ARTH 7557 - Seminar in Art of the United States  
 ARTH 7558 - Seminar in Photography  
 ARTH 7571 - Seminar in Asian Art  
 ARTH 7573 - Seminar in Chinese Painting  
 ARTH 7574 - Seminar in Contemporary Chinese Art  
 ARTH 7601 - Special Problems in Ancient Art  
 ARTH 7602 - Special Problems in Medieval Art  
 ARTH 7603 - Special Problems in Renaissance Art  
 ARTH 7604 - Special Problems in Baroque Art  
 ARTH 7605 - Special Problems in Modern Art  
 ARTH 7606 - Special Problems in American Art  
 ARTH 7607 - Special Problems in Photography  
 ARTH 7608 - Special Problems in Asian Art  
 ARTH 7609 - Special Problems in Art of the Americas  
 ARTH 770 - The Major Artist  
 ARTH 7701 - Internship in Art History  
 ARTH 7702 - Internship in Art History  
 ARTH 7703 - Internship in Art History

ARTH 790 - Thesis  
 ARTS 603 - Advanced Design Studio  
 ARTS 607 - Advanced Drawing Studio I  
 ARTS 608 - Advanced Drawing Studio II  
 ARTS 609 - Advanced Painting  
 ARTS 610 - Graphic Design I, II  
 ARTS 611 - Graphic Design I and II  
 ARTS 612 - Advanced Sculpture Studio  
 ARTS 6203 - Special Projects in Design  
 ARTS 6213 - Special Projects in Fine Arts  
 ARTS 713 - Computer Imaging  
 ARTS 7211 - Painting and/or Mixed Media I  
 ARTS 7212 - Painting and/or Mixed Media II  
 ARTS 7213 - Painting and/or Mixed Media III  
 ARTS 7214 - Painting and/or Mixed Media IV  
 ARTS 7221 - Sculpture and Installation I  
 ARTS 7222 - Sculpture and Installation II

ARTS 7223 - Sculpture and Installation III  
 ARTS 7224 - Sculpture and Installation IV  
 ARTS 723 - Master of Fine Arts Writing Seminar  
 ARTS 724 - Contemporary Issues in the Visual Arts  
 ARTS 7251 - MFA Graduate Seminar I  
 ARTS 7252 - MFA Graduate Seminar II  
 ARTS 7253 - MFA Graduate Seminar III  
 ARTS 7254 - MFA Graduate Seminar IV  
 ARTS 7271 - Printmaking  
 ARTS 7272 - Photography  
 ARTS 728 - Sculpture Techniques  
 ARTS 729 - Individual Criticism  
 ARTS 730 - Seminar in Problems of New Forms  
 ARTS 731 - Seminar in Problems of Representation  
 ARTS 735 - VT: Advanced Problems in Studio  
 ARTS 777 - History and Theory of Social Art Practice  
 ARTS 778 - Seminar in Project Management

## Biology Department

The Biology Department offers programs of courses and research leading to the Master of Arts degree at Queens College. It also offers programs of courses and research leading to the PhD at the CUNY Graduate Center in the subprograms of cellular, molecular, and developmental biology; evolution, ecology, and behavior; physiology and neurosciences; and plant sciences. Refer to the *Bulletin* of the Graduate Center for application, financial aid, and course information for the PhD program. Opportunities for specialization in applied and basic research are included below in the listing of the supervising faculty.

The department offers a variety of graduate courses appropriate for master's-level students in education. Students should meet with the department's graduate advisor for guidance in the selection of biology courses. It also offers an accelerated graduate track that allows qualifying students to apply credit for advanced courses taken as undergraduates to both their bachelor's and master's degrees.

In addition to the program of courses described below, students are encouraged to participate in the extensive research programs of the biology faculty. Their research activities have recently been funded by various agencies, including the National Science Foundation, National Institutes of Health, Howard Hughes Medical Institute, and a number of private foundations, including the American Cancer Society and American Heart Association. Participation in research is one of the best ways for students to learn biology first-hand, and to appreciate how scientific methodology is used to answer important biological questions. A description of current faculty research can be found below.

Opportunities are enhanced by affiliation with other city institutions and cooperative efforts with other divisions of the City University of New York and the American Museum of Natural History.

*Office Location:* Science Building D346

*Office Phone Number:* (718) 997-3400

*Office Email:* biology.qc.cuny.edu

*Chair:* Cathy Savage-Dunn

*Doctoral Studies Advisor:* John Dennehy

*MA Program Advisor:* David Lahti

## Programs

BIOL-MA - Biology

## Courses

BIOL 585 - Genetics  
 BIOL 586 - Cell Biology  
 BIOL 587 - Evolutionary Biology  
 BIOL 610 - Lower Plants  
 BIOL 611 - Mycology  
 BIOL 614 - Plant Systematics  
 BIOL 621 - Entomology  
 BIOL 626 - Vertebrate Phylogeny  
 BIOL 630 - Biometrics  
 BIOL 640 - General Ecology  
 BIOL 644 - Biology and Society  
 BIOL 645 - Evolution and Cultural Behavior  
 BIOL 646 - Limnology  
 BIOL 666 - Immunology.  
 BIOL 668 - The Biology of Cancer  
 BIOL 674 - Plant Physiology & Development  
 BIOL 6803 - Vt:Fld Biol Studies  
 BIOL 6804 - Vt:Fld Biol Studies  
 BIOL 6805 - Vt:Fld Biol Studies  
 BIOL 6806 - VT: Field Biology Studies

BIOL 6852 - Special Topics  
 BIOL 6853 - Special Topics  
 BIOL 6854 - Special Topics  
 BIOL 700 - Genetics  
 BIOL 7004 - Molec Genetics Lab  
 BIOL 7054 - Evolution Lab  
 BIOL 7056 - Macroevolution: Patterns of Evolution above the Species Level  
 BIOL 7063 - Systematics  
 BIOL 7067 - Topics in Systematics  
 BIOL 7071 - Zool/Phyl Chordata 1  
 BIOL 7072 - Chordata Lab 1  
 BIOL 7075 - Zool/Phyl Chordata 3  
 BIOL 7076 - Chordata Lab III  
 BIOL 7091 - Population Genetics  
 BIOL 710 - Molecular Biology  
 BIOL 7113 - Experimental Microbiology  
 BIOL 7114 - Experimental Microbiology  
 BIOL 7123 - Comparative Biochem  
 BIOL 7124 - Comparative Biochemistry Lab  
 BIOL 714 - Cell Biology

BIOL 7171 - Virology  
 BIOL 719 - Molecular Communication in Microorganisms  
 BIOL 723 - Ornithology  
 BIOL 7246 - Behavior & Evolution  
 BIOL 7264 - Comparative Animal Physiology Lab  
 BIOL 7313 - Microbial Ecology  
 BIOL 7413 - Radiation Biology  
 BIOL 7414 - Radiation Biol Lab  
 BIOL 750 - Developmental Biology  
 BIOL 7504 - Developmental Biology Lab  
 BIOL 7533 - Molecular Basis of Development  
 BIOL 7605 - Population Ecology  
 BIOL 7607 - Limnology  
 BIOL 7881 - Coop Educ Placement  
 BIOL 7883 - Coop Educ Placement  
 BIOL 7884 - Coop Educ Placement  
 BIOL 7901 - VT:Seminar in Evolution  
 BIOL 7902 - VT:Seminar in Genetics  
 BIOL 7904 - VT: Seminar Molecular Genetics  
 BIOL 7906 - Vt:Seminar Ecology

BIOL 791 - Colloquium  
 BIOL 7921 - Tutorial  
 BIOL 7922 - Tutorial  
 BIOL 7923 - Tutorial  
 BIOL 7924 - Tutorial  
 BIOL 7931 - Seminar in Systematics  
 BIOL 7932 - Seminar in Zoogeography  
 BIOL 7933 - VT:Seminar in Physiology  
 BIOL 7934 - VT:Seminar in Animal Behavior  
 BIOL 7935 - VT: Seminar in Cell Biology  
 BIOL 7939 - VT: Seminar in Special Topics  
 BIOL 7941 - Ecology and Evolutionary Biology Data and Journal Club  
 BIOL 796 - Basic Laboratory Techniques for Research  
 BIOL 7971 - Molecular, Cellular, and Developmental Biology Journal Club  
 BIOL 7991 - Research  
 BIOL 7992 - Research  
 BIOL 7993 - Research  
 BIOL 7994 - Research  
 BIOL 7996 - Research

## Chemistry and Biochemistry Department

The Queens College Department of Chemistry and Biochemistry offers American Chemical Society-certified courses in Chemistry and Biochemistry. Our undergraduate and graduate programs include existing BA, BA/MA and MA degrees in Chemistry with specializations in Chemistry and in Biochemistry, and pending thesis-based M.S. degrees in these disciplines. We strive to offer an integrated, broad-based, challenging educational experience to imbue students with the intellectual, experimental, and on-line interactive skills necessary to perform effectively in any field related to the chemical and biochemical sciences. The educational goals and pre-professional training of our programs are designed to deepen a student's molecular perspective of the natural world with **modern, quantitative and mechanism-based approaches, and to equip the student with the skills needed** to thrive in the workplace.

### Programs

CHEM-MS - Chemistry

### Courses

BIOCH 710 - Advanced Biochemistry  
 BIOCH 7111 - Biochem Lab Techniq  
 BIOCH 7112 - Biochem Lab Techniq  
 BIOCH 740 - Enzyme Function and Applications  
 BIOCH 770 - Physical Biochemistry  
 BIOCH 789 - Special Topics in Biochemistry  
 BIOCH 796 - Laboratory Techniques for Research in Biochemistry.  
 BIOCH 810 - Bio Chem Seminar  
 CHEM 501 - Modern Concepts of General Chemistry  
 CHEM 503 - Selected Topics in Chemistry  
 CHEM 504 - Environmental Chemistry  
 CHEM 650 - Biochemistry  
 CHEM 710 - Advanced Inorganic Chemistry  
 CHEM 715 - Special Topics in Inorganic Chemistry  
 CHEM 740 - Special Topics in Analytical Chemistry  
 CHEM 742 - Environmental Analytical Chemistry  
 CHEM 750 - Advanced Organic Chemistry I  
 CHEM 751 - Advanced Organic Chemistry II  
 CHEM 760 - Introductory Quantum Chemistry  
 CHEM 761 - Spectroscopy  
 CHEM 765 - Special Topics in Physical Chemistry  
 CHEM 770 - The development of the thermodynamic foundations of chemical

processes; both the classical and stati  
 CHEM 780 - Advanced Seminar  
 CHEM 781 - Advanced Seminar  
 CHEM 786 - Spectroscopic Methods of Structure Determination  
 CHEM 7881 - Cooperative Study  
 CHEM 7882 - Cooperative Study  
 CHEM 7884 - Cooperative Study  
 CHEM 7885 - Cooperative Study  
 CHEM 7886 - Cooperative Study  
 CHEM 7901 - Basic Laboratory Techniques for Research in Analytical and Physical Chemistry  
 CHEM 7902 - Basic Laboratory Techniques for Research in Organic and Inorganic Chemistry  
 CHEM 7931 - Tutorial In Chem  
 CHEM 7932 - Tutorial In Chem  
 CHEM 7933 - Tutorial In Chem  
 CHEM 7951 - Research  
 CHEM 7952 - Research  
 CHEM 7953 - Research  
 CHEM 7954 - Research  
 CHEM 7955 - Research  
 CHEM 7956 - Research

## Computer Science Department

Computers are used with increasing frequency as important tools for activity and research in engineering, the natural and social sciences, and the arts. Computers are involved in every aspect of life in our society; even people who have no direct need to use a computer have to deal with data produced or processed by computers or to make decisions based on such data.

In the undergraduate division, the Computer Science department offers courses and facilities for a major in computer science leading to the BA or BS degree. A major has the necessary preparation for graduate work in the field and for employment in programming, systems analysis, and other computer-related professions. The department has enjoyed continuous and unsolicited requests from industry and government agencies for its majors.



In the graduate division, the department offers the MA degree and, in collaboration with other senior CUNY colleges, the PhD in computer science. (For further details, see the department handbook.)

## Programs

CSCI-MA - Computer Science

## Courses

CSCI 611 - Advanced Programming in C++

CSCI 612 - Advanced Programming in Java

CSCI 613 - Data Structures

CSCI 620 - Discrete Structures

CSCI 640 - Computer Organization and Assembly Language

CSCI 655 - Internet and Web Technologies

CSCI 688 - Advanced Productivity Tools for Business

CSCI 700 - Algorithms I

CSCI 701 - Software Design

CSCI 711 - Database Systems

CSCI 715 - Distributed Computing

CSCI 718 - Computer Graphics

CSCI 722 - Computability and Complexity

CSCI 731 - Software Development Practicum

CSCI 732 - Research Practicum

CSCI 733 - Master's Thesis

CSCI 734 - Hardware Design Practicum

CSCI 744 - Computer Architecture and Networks

CSCI 745 - Switching Theory

CSCI 746 - Computer Systems

CSCI 748 - Computer Networks

CSCI 761 - Numerical Methods

CSCI 762 - Algorithms II

CSCI 765 - Computational Finance

CSCI 780 - Special Topics in Computer Science

CSCI 783 - Special Topics in in Computer Science

CSCI 786 - Special Topics in in Computer Science

CSCI 7881 - Computer Science: Cooperative Education Placement

CSCI 7882 - Computer Science: Cooperative Education Placement

CSCI 7883 - Computer Science: Cooperative Education Placement

CSCI 790 - Seminars in Computer Science

CSCI 793 - Seminars in Computer Science

CSCI 799 - Computer Science Research

CSCI 7991 - VT: Research

CSCI 7993 - Vt:Research

## Economics Department

The Economics Department offers majors in economics that lead to a Bachelor of Arts degree, as well as majors in finance, international business, and actuarial studies for business that lead to a Bachelor of Business Administration (BBA) degree. Students may also earn a minor in economics.

Economics majors are taught economic theory, statistical methods, and analytical skills to evaluate the impact of economic policy. This helps them to develop tools that can be used for careers in business, public administration, finance, accounting, consulting, law, journalism, foreign service, politics, education, and even social work and medicine. Many of our graduates go on to earn their PhD in Economics or a Master's in Business Administration from outstanding graduate schools, while many others continue their studies at professional schools such as law, journalism, social work, public administration, and medicine. Training in economics also helps to prepare those who want to teach economics or social studies on a secondary level, or who wish to do economic research.

## Programs

RISK-AC - Risk Management

RISKACT-MS - Risk Management - Accounting

RISKATU-MS - Actuarial Risk Management

RISKENV-MS - Environmental Risk Management

RISKFIN-MS - Risk Management - Finance

RISKMOD-MS - Risk Management - Dynamic Financial Analysis Modeling

## Courses

ECON 601 - Introduction to Micro and Macro Economics

ECON 602 - Introduction to Corporate Finance and Money and Banking

ECON 630 - Engineering Economics

ECON 649 - Statistics as Applied to Economics and Business

ECON 701 - Econ Analysis

ECON 703 - Price and Distribution Theory

ECON 711 - Money and Capital Markets

ECON 715 - Corporate Finance

ECON 721 - Econometrics

ECON 726 - Introduction to Operations Research

RM 701 - Enterprise Risk Management

RM 702 - Accounting for Risk Management

RM 703 - Analysis of Investment and Market Risk

RM 704 - Risk Measurement

RM 705 - Risk Transfer to Financial Markets

RM 706 - Risk Transfer to Insurance Markets

RM 707 - Financial Statement Analysis

RM 708 - Financial Econometrics

RM 709 - Portfolio Management

RM 710 - Fixed Income Instruments

RM 711 - Applied Financial Analysis

RM 712 - Corporate Strategy and Macroeconomic Risk Management

RM 713 - Advanced Derivatives

RM 714 - Python for Financial Applications

RM 742 - Data Science via Machine Learning and Statistical Modeling

RM 742W - Data Science via Machine Learning and Statistical Modeling

RM 790 - Applied Dynamic Financial Analysis

RM 791 - Applied Financial Dynamic Analysis Model Building

RM 7921 - Special Topics in Risk Management

RM 7922 - Special Topics in Risk Management

RM 7923 - Special Topics in Risk Management

RM 7924 - Special Topics in Risk Management

## Educational and Community Programs Department

The Department of Educational and Community Programs seeks to foster a learning environment that welcomes, respects, and promotes the spectrum of lived experiences. We value all lived experiences and recognize that all our worldviews are shaped by multiple and intersecting personal social identities. In our commitment to inclusion and equity, we welcome people from all backgrounds and seek to provide students and faculty with opportunities to develop awareness, knowledge, and skills to effectively engage and serve a diverse array of communities. We stand against any action that discriminates against or mistreats marginalized people including, but not limited to, refugees, immigrants, women, indigenous peoples, people of color, LGBTQI+ people, people with disabilities, and low-income people because such acts demoralize the integrity of the nation and fail to reflect the ethical courage that is owed to all people.

Capacity Building To demonstrate our commitment to capacity building our objective is to equip faculty, staff, and students with the skills, resources, and relationships to be effective advocates in the fight for social justice in education.

Action The objective is to engage and stimulate institutional members and communities in authentic efforts to advance social justice. We look forward to implementing equitable practices for change via external partnerships organizing to innovate changes in schools and communities and internal practices encouraging self-reflection and social justice practices.

## Programs

BPLPERI-AC - Bilingual Pupil Personnel Intensive  
 BPUPPER-AC - Bilingual Pupil Personnel  
 CONSL-MSED - Counselor Education  
 EDLCO-MSED - Educational Leadership Companion  
 EDLD-MSED - Educational Leadership  
 MHLTCNS-MS - Mental Health Counseling  
 SCHPSY-AC - School Psychologist  
 SEADOLE-AC - Special Education: Adolescent Education (Grades 7-12)  
 SECHD16-AC - Special Education: Childhood Education (Grades 1-6)  
 SECHDB2-AC - Special Education: Early Childhood Education (Birth - Grade 2)  
 SHCSL-MSED - School Counseling  
 SHLEAD-AC - School Building Leader

SLPSY-MSED - School Psychologist  
 SPCHM-MSED - Alt Cert: Special Education Chemistry 7-12  
 SPEDB-MSED - Teacher of Special Education Birth-2  
 SPEDM-MSED - Teacher of Special Education: 1-6  
 SPESC-MSED - Alt Cert: Special Education Earth Science 7-12  
 SPFRN-MSED - Alt Cert: Special Education: French 7-12  
 SPPHY-MSED - Alt Cert: Special Education Physics 7-12  
 SPSPN-MSED - Alt Cert: Special Education Spanish 7-12  
 SPSST-MSED - Alt Cert: Special Education Social Studies 7-12  
 TSWDA-MSED - Teaching SWD Adolescent Gen Grades 7-12  
 TSWDADL-AC - Teaching SWD at the Adol level Gen 7-12

## Courses

ECP 7491 - Independent Study  
 ECP 7492 - Independent Study  
 ECP 7493 - Independent Study  
 ECP 7902 - Variable Topics: Workshop Current Issue  
 ECP 7903 - Vt:Wrkshp Curr Issue  
 ECP 7904 - Vt:Wrkshp Curr Issue  
 ECPCE 700 - Foundations of School Counseling  
 ECPCE 701 - Lab in Self Awareness  
 ECPCE 702 - Theories of Human Development  
 ECPCE 703 - Lab in Counseling Techniques  
 ECPCE 704 - Counseling Theories  
 ECPCE 705 - Seminar Practicum in Psychological Counseling with Individuals: Applications.  
 ECPCE 706 - Theories of Group Counseling  
 ECPCE 707 - Lab in Group Counseling Techniques  
 ECPCE 708 - Ethics, Clinical Issues, and Crisis Intervention  
 ECPCE 721 - Practicum in Mental Health Counseling  
 ECPCE 7214 - Intro Fieldwork  
 ECPCE 729 - Practicum in School Counseling  
 ECPCE 7294 - Fieldwork In School  
 ECPCE 730 - Overview: General Introduction to Alcoholism and Substance Abuse Sequence.  
 ECPCE 731 - Family and Substance Abuse  
 ECPCE 732 - Specialized Counseling Techniques for the Addictive Population: Individual and Group.  
 ECPCE 733 - Special Issues and Special Populations in Alcoholism/Substance Abuse.  
 ECPCE 800 - Career Development and Assessment  
 ECPCE 802 - Clinical and Contextual Issues in School Counseling  
 ECPCE 803 - Multicultural Issues in Counseling.  
 ECPCE 804 - Assessment Methods in Counseling.  
 ECPCE 805 - Assessment Methods in School Counseling  
 ECPCE 806 - Administration and Organization of School Counseling Programs.  
 ECPCE 807 - Research Methods in Counseling  
 ECPCE 808 - Child and Adolescent Counseling  
 ECPCE 809 - Learning and Motivation in School Counseling.  
 ECPCE 810 - College and Career Readiness in K-12 Schools  
 ECPCE 811 - Mental Health Counseling  
 ECPCE 812 - Psychopathology and Diagnosis in Mental Health Counseling.  
 ECPCE 813 - Family Dynamics  
 ECPCE 814 - Seminar in Advanced Applications of Psychological Theories.  
 ECPCE 815 - Career Development and Assessment in School Settings  
 ECPCE 818 - Special Topics in Counseling.  
 ECPCE 8211 - Internship in Mental Health Counseling  
 ECPCE 8212 - Internship in Mental Health Counseling  
 ECPCE 8213 - Internship in Mental Health Counseling

ECPCE 8214 - Internship in Mental Health Counseling  
 ECPCE 8291 - Internship in School Counseling  
 ECPCE 8292 - Internship in School Counseling.  
 ECPCE 8293 - Internship in School Counseling  
 ECPCE 8294 - Internship in School Counseling  
 ECPCE 834 - Advanced Course in Family Education: Parenting Models.  
 ECPCE 701 - Seminar in Organizational Leadership Change  
 ECPCE 880 - Leadership Theory and Practice.  
 ECPCE 881 - Curriculum and Supervision.  
 ECPCE 882 - School Finance  
 ECPCE 883 - Human Relations for the Educational Leader.  
 ECPCE 884 - Data For School Planning  
 ECPCE 885 - Legal Problems in Public Education: Political and Economic Implications.  
 ECPCE 886 - Management of Teaching and Learning for Administrators  
 ECPCE 887 - Technology for School Leaders  
 ECPCE 888 - Critical Issues and Guidelines  
 ECPCE 890 - Guided Field Experience in Administration and Supervision.  
 ECPCE 891 - Leadership for Diverse Populations  
 ECPCE 892 - Action Research for School District Leaders.  
 ECPCE 893 - School District Organization, Supervision and Administration.  
 ECPCE 894 - Supervisory Practicum  
 ECPSE 550 - Foundations of Special Education  
 ECPSE 577 - Clinical Residency I  
 ECPSE 578 - Clinical Residency II  
 ECPSE 579 - Clinical Residency III  
 ECPSE 700 - Foundations of Special Education  
 ECPSE 701 - Introduction to Assessment in Early Childhood Special Education  
 ECPSE 702 - Introduction to Assessment in Childhood Special Education  
 ECPSE 703 - Introduction to Assessment in Adolescent Special Education  
 ECPSE 705 - Introduction to Assessment in Special Education  
 ECPSE 708 - Collaboration with Families and School-Based Teams  
 ECPSE 709 - Collaboration and Co-Teaching in Inclusive Education  
 ECPSE 710 - Curriculum and Instruction for Childhood Special Education  
 ECPSE 711 - Advanced Seminar in Childhood Special Education  
 ECPSE 712 - Language and Literacy: Principles and Practices in Early Childhood Special Education  
 ECPSE 713 - Language and Literacy: Principles and Practices in Childhood Special Education  
 ECPSE 714 - Language and Literacy: Principles and Practices in Adolescent Special Education  
 ECPSE 716 - Curriculum and Instruction in Special Education I  
 ECPSE 717 - Curriculum and Instruction for Special Education II  
 ECPSE 720 - Trends and Issues in the Education of Learners with Severe Disabilities  
 ECPSE 722 - Applied Behavior Analysis and Positive Behavioral Supports

ECPSE 723 - Applied Behavior Analysis I: Basic Concepts and Principles of Reinforcement  
 ECPSE 725 - Internship in Severe Disabilities: Adolescent Special Education  
 ECPSE 726 - Practicum in Significant Disabilities  
 ECPSE 728 - Applied Behavior Analysis II: Advanced Concepts and Treatment Strategies  
 ECPSE 729 - Ethics and Professionalism in Applied Behavior Analysis  
 ECPSE 730 - Curriculum and Instruction for Early Childhood Special Education (Ages 3-5).  
 ECPSE 731 - Advanced Seminar in Early Childhood Special Education (Ages 5-8)  
 ECPSE 732 - Applied Behavior Analysis III: Behavioral Assessment  
 ECPSE 733 - Advanced Seminar in Applied Behavior Analysis  
 ECPSE 740 - Curriculum and Instruction for Adolescent Special Education  
 ECPSE 741 - Advanced Seminar in Adolescent Special Education  
 ECPSE 742 - Foundations of Assistive and Instructional Technology  
 ECPSE 746 - Research in Special Education  
 ECPSE 748 - Advanced Research in Special Education  
 ECPSE 750 - Workshop in Special Education  
 ECPSE 800 - Foundations of Special & Bilingual Education  
 ECPSE 801 - Assessment for CLD Children with Exceptionalities  
 ECPSE 802 - Language and Literacy Development in Bilingual Children with Special Needs  
 ECPSE 803 - Oral Language Development in Special and Bilingual Education  
 ECPSE 804 - Applied Behavior Analysis in Multicultural Contexts  
 ECPSE 805 - Culturally Responsive Early Intervention (Birth-Age 3)  
 ECPSE 806 - Practicum in Early Intervention with Children and Families from CLD Backgrounds  
 ECPSE 807 - Curriculum and Instruction for ECSE & Bilingual Education I (Ages 3-5)  
 ECPSE 808 - Collaboration with Families and School-Based Teams  
 ECPSE 809 - Curriculum and Instruction for Early Childhood Special Education & Bilingual Education II, Ages 5-8

ECPSP 764 - Introduction to Research in School Psychology  
 ECPSP 766 - Fieldwork in School Psychology I  
 ECPSP 767 - Fieldwork in School Psychology II  
 ECPSP 768 - Internship in School Psychology I  
 ECPSP 7681 - Internship in Bilingual/ Multicultural School Psychology I  
 ECPSP 769 - Internship in School Psychology II  
 ECPSP 7691 - Internship in Bilingual/Multicultural School Psychology II  
 ECPSP 770 - Behavioral Assessment and Intervention  
 ECPSP 771 - Professional Issues in School Psychology  
 ECPSP 772 - Theory and Practice in Assessment of Intelligence and Cognitive Functioning I  
 ECPSP 773 - Theory and Practice in Assessment of Intelligence and Cognitive Functioning II  
 ECPSP 774 - Theory and Practice of Personality Evaluation I  
 ECPSP 775 - Theory and Practice of Personality Evaluation II  
 ECPSP 777 - Practicum in School Psychology Assessment  
 ECPSP 778 - Counseling Techniques for School Psychologists  
 ECPSP 779 - Multicultural Issues in School Psychology  
 ECPSP 780 - Educational and Psychological Tests and Measurements  
 ECPSP 781 - Assessment of Linguistically and Culturally Diverse Students  
 ECPSP 782 - Multicultural Interventions  
 ECPSP 860 - Human Development  
 ECPSP 861 - Seminar in Special Issues  
 ECPSP 862 - Developmental Psychopathology  
 ECPSP 863 - Exceptionality of Human Development  
 ECPSP 864 - Research Design and Data Analysis in School Psychology  
 ECPSP 865 - Learning and Instructional Strategies  
 ECPSP 866 - Seminar in Special Issues  
 ECPSP 867 - Practicum in School Psychology Consultation  
 ECPSP 868 - Advanced Practicum in School Psychology Counseling and Crisis Intervention

## Elementary and Early Childhood Education Department

The Department of Elementary and Early Childhood Education (EECE) offers undergraduate, graduate, and advanced certificate programs leading to New York State certification in Early Childhood Education (Birth-Grade 2), Childhood Education (Grades 1-6), Literacy Education, and Bilingual Education. These programs prepare teachers to support learning and development within the family, culture, and community contexts of students and schools.

### Programs

ACECE16-AC - Additional Certification in Child Ed 1-6  
 ACECEB2-AC - Add Cert in Early Child Ed B-2  
 BILEDED-AC - Bilingual Education  
 BILGITI-AC - Bilingual Education: ITI  
 CEDBL-MAT - Childhood Education: Bilingual Extension  
 CEDBL-MSED - Childhood Education: Bilingual Extension  
 CHDED-AC - Childhood Education (1-6)  
 CHDED-MAT - Childhood Education  
 CHDED-MSED - Childhood Education  
 CHDEDS-MAT - Dual Certification Childhood and Special Education (Grades1-6)  
 CHDVPSY-AC - Child Development Psychology  
 CHLIT-AC - Children's Literature 1-6th grades  
 CSP-AC - Critical Social Practice

ECHED-AC - Early Childhood Birth-2nd Grade  
 ECHED-MAT - Early Childhood Education  
 ECHED-MSED - Early Childhood Education (B-2)  
 EDMAT-AC - Mathematics Education 1-6th Grades  
 EECHED-AC - Early Childhood Education B-2  
 IBEC-MSED - Integrated Bilingual Early Childhood Special Education  
 LANGMIN-AC - Language Minority Education Birth-6th Grade  
 LITCYB6-AC - Literacy Teacher, Birth - Grade 6  
 LRNTECH-AC - Educational and Learning Technologies  
 LTACY-MSED - Literacy Teacher: Birth-Grade 6  
 SABB-AC - Sabbatical Program in Literacy for New York City Teachers  
 SCIED-AC - Science Education 1st-6th grades  
 SOCST-AC - Social Studies Education 1-6th grades

### Courses

EDUC 7263 - Wkshp Curr Art EI  
 EDUC E7676 - Workshop in Special Education  
 EECE 520 - Language Development and Emergent Literacy  
 EECE 525 - Language and Literacy Learning in the Elementary Years  
 EECE 533 - Advanced Methods in Teaching Elementary Art, Pre-K-6  
 EECE 545 - Social Studies in the Elementary School  
 EECE 550 - Mathematics in the Elementary School  
 EECE 555 - Science in the Elementary School  
 EECE 565 - Student Teaching  
 EECE 5653 - Student Teaching  
 EECE 566 - Student Teaching  
 EECE 567 - Practicum in Elementary Education  
 EECE 575 - Internship- Elem Ed

EECE 700 - A History of Ideas in Education  
 EECE 702 - Social Foundations of Education  
 EECE 703 - Classroom Realities in Diverse Settings  
 EECE 704 - Major Contemporary Issues in Education  
 EECE 705 - School and Community Relations  
 EECE 706 - Classroom-based Assessment and Research in Early Childhood Education  
 EECE 707 - Assessment in the Elementary Classroom  
 EECE 710 - Ecological Perspectives on Development: The Early Years  
 EECE 711 - Ecological Perspectives on Development: The Childhood Years  
 EECE 712 - Humanistic Psychology: Educational Applications  
 EECE 713 - The Psychology and Education of Exceptional Children and Youth  
 EECE 717 - Ecological Perspectives on Development: Early Adolescence

EECE 721 - Professional Issues in Early Childhood  
 EECE 722 - Language Development and Multilingualism in Early Childhood  
 EECE 724 - Curriculum and Environmental Design for Early Childhood, Part I  
 EECE 725 - Curriculum and Environmental Design for Early Childhood, Part II  
 EECE 728 - Integrating Expressive Arts into the Early Childhood Curriculum.  
 EECE 730 - Practicum in Early Childhood  
 EECE 731 - Teaching Beginning Reading and Writing  
 EECE 733 - Curriculum Adaptation for Mainstreaming  
 EECE 734 - Using Telecommunication and the WWW in the Classroom.  
 EECE 735 - Multimedia in the Classroom  
 EECE 736 - Mathematics for Young Children  
 EECE 737 - Infants and Toddlers: Curriculum and Teaching  
 EECE 740 - The Improvement of Reading in the Elementary School  
 EECE 741 - Language Arts in the Elementary School  
 EECE 742 - Reading Materials for Children  
 EECE 744 - The Art and Technique of Storytelling  
 EECE 746 - Nonfiction for Children  
 EECE 747 - Literacy Through Poetry, Verse and Wordplay  
 EECE 748 - Myths, Legends, and Folktales  
 EECE 750 - Learning and Technology in Early Childhood and Childhood  
 EECE 751 - Teaching Mathematics in the Elementary School  
 EECE 752 - Mathematical Snapshot: Mathematics in Everyday Life  
 EECE 753 - Teaching Science in the Elementary School  
 EECE 756 - Geometry, Art, and Mathematical Thinking  
 EECE 757 - Physical Science for Elementary School Teachers  
 EECE 758 - Life Science for Elementary School Teachers  
 EECE 759 - Environmental Literature  
 EECE 760 - Teaching Social Studies in the Elementary School.  
 EECE 761 - Foundations of Bilingual Education and Bilingualism  
 EECE 762 - Schooling in a Diverse Society.  
 EECE 763 - Developing Language and Literacy in the Home Language  
 EECE 764 - Instruction and Assessment Across the Curriculum for Bilingual Learners  
 EECE 765 - Internship in a Bilingual Classroom.  
 EECE 766 - Educational Linguistics and Psycholinguistics  
 EECE 767 - English Language Learning in the Bilingual Classroom: Pedagogical Applications  
 EECE 768 - Supporting Development in Children with Special Needs.  
 EECE 769 - Teaching for Bilingualism  
 EECE 770 - Supervision of Student Teachers in the Elementary School.  
 EECE 771 - Bilingual Project  
 EECE 772 - Families and Communities as Educators  
 EECE 773 - Families, Stories, and Literacy  
 EECE 774 - Social Issues in the Classroom  
 EECE 775 - Building Home-School Collaborations.  
 EECE 776 - Culture and Education  
 EECE 777 - Conflict Resolution in Educational Settings.  
 EECE 779 - Research in Children's Literature.  
 EECE 780 - Introduction to Educational Research  
 EECE 781 - Inquiry into Teaching.  
 EECE 782 - Teacher as Researcher  
 EECE 784 - Research Materials in Learning Technology  
 EECE 785 - Research in Teaching and Learning Science.  
 EECE 786 - Research in Elementary School Mathematics: Trends and Issues.  
 EECE 787 - Research in Language and Literacy  
 EECE 788 - Research in Education for Diverse Populations  
 EECE 789 - Research in Family and Community Studies  
 EECE 7901 - Variable Topics: Independent Study  
 EECE 7902 - Vt:Indep Study  
 EECE 7903 - Vt:Indep Study  
 EECE 7912 - Indep Study Biling Ed  
 EECE 7913 - Indep Study Biling Ed  
 EECE 796 - Exploring Problems in History Through Literature.  
 EECE 797 - Queens County as a Learning Lab.  
 EECE 798 - Reading and Writing for Learning in Science  
 EECE 799 - Exploring Mathematical Ideas Through Literature  
 EECE 800 - Workshop in Education.  
 EECE 8002 - Vt: Workshop in Education  
 EECE 8003 - Vt:Workshop  
 EECE 8004 - Vt:Workshop in Education  
 EECE 801 - The Role of the Literacy Specialist  
 EECE 802 - Teaching Strategies for the Literacy Specialist  
 EECE 803 - Assessment and Instruction I  
 EECE 804 - Assessment and Instruction II  
 EECE 805 - Practicum  
 EECE 806 - Content Area Literacy Across the Curriculum Capstone Course  
 EECE 810 - Foundations of Language and Literacy ??  
 EECE 811 - Family, Community, and Literacy ??  
 EECE 812 - Teaching Early Literacy  
 EECE 813 - Literacy Assessment  
 EECE 814 - Instructional Leadership in Literacy  
 EECE 819 - Practicum in Literacy

## English Department

The Master of Arts in English is a 30-credit program that aims to provide students with opportunities for scholarly and professional specialization in American, British, and global literatures, as well as a wide range of fields, forms, and theories. Course requirements include 2 foundational seminars in graduate methodologies and literary theory, 7 electives that enable students to pursue a variety of research interests, and a thesis essay written and revised with the guidance of a faculty advisor. The English Department prides itself on offering a collegial and supportive learning environment for our graduate students. Our courses are small by design, with an average enrollment of 12 to 15 students. There is no stipulated course load; each student, in consultation with the Directors of Graduate Studies, creates a schedule and course of study tailored to their particular professional and intellectual interests and goals.

*Office location:* Klapper Hall, Room 604

*Office Phone Number:* (718) 997-4600

*Office Email:* [MAEnglish@qc.cuny.edu](mailto:MAEnglish@qc.cuny.edu)

*Department/Program Website:* <https://qcenglish.commonscs.cuny.edu/graduate/ma-in-english/>

*Program Director:* William Orchard, Director of Graduate Studies, [william.orchard@qc.cuny.edu](mailto:william.orchard@qc.cuny.edu)

Listing of faculty advisors and/or directions on how to make an appointment to speak with an advisor: William Orchard, Director of Graduate Studies, [william.orchard@qc.cuny.edu](mailto:william.orchard@qc.cuny.edu)

## Programs

CRWRIT-MFA - Creative Writing

ENGL-MA - English

## Courses

ENGL 635 - Major English and American Novelists.

ENGL 636 - History of Literary Criticism

ENGL 638 - Modern Drama

ENGL 639 - Studies in Poetry

ENGL 640 - Studies in Comics and Graphic Narrative

ENGL 642 - Studies in Children's Literature

ENGL 643 - Studies in Young Adult Literature

ENGL 644 - Studies in Nonfiction Prose

ENGL 662 - The English Language  
 ENGL 663 - Studies in Gender and Sexualities  
 ENGL 664 - Studies in Race and Ethnicity  
 ENGL 673 - New Approaches to English Grammar  
 ENGL 681 - Special Studies  
 ENGL 701 - Seminar in Graduate Methodology  
 ENGL 702 - Graduate Methodology for English-Education Students  
 ENGL 703 - Composition Theory and Literacy Studies  
 ENGL 719 - Studies in Medieval Literature  
 ENGL 720 - Studies in Renaissance Literature  
 ENGL 721 - Studies in Seventeenth-Century Literature  
 ENGL 722 - Studies in Eighteenth-Century Literature  
 ENGL 723 - Studies in Romantic Literature  
 ENGL 724 - Studies in Victorian Literature  
 ENGL 726 - Studies in Early American Literature  
 ENGL 727 - Studies in American Literature, 1820-1920  
 ENGL 728 - Late Nineteenth- and Early Twentieth-Century U.S. Literature  
 ENGL 729 - Studies in Modern Literature  
 ENGL 731 - Literatures of the African Diaspora  
 ENGL 732 - Latina/o/x Literature  
 ENGL 733 - Asian American Literature  
 ENGL 734 - Native American and Indigenous Literatures  
 ENGL 735 - Global Literature

ENGL 736 - Studies in Criticism  
 ENGL 742 - Studies in Shakespeare's Plays  
 ENGL 751 - Workshop in Fiction  
 ENGL 753 - Workshop in Poetry  
 ENGL 755 - Workshop in Drama  
 ENGL 757 - Workshop in Special Topics in Creative Writing  
 ENGL 758 - MFA Thesis Workshop  
 ENGL 759 - Advanced Writing Project (Thesis)  
 ENGL 760 - Fiction in Theory and Practice  
 ENGL 761 - Poetry in Theory and Practice  
 ENGL 762 - Drama in Theory and Practice  
 ENGL 763 - Translation in Theory and Practice  
 ENGL 781 - Special Seminars  
 ENGL 7881 - Coop Educ Placement  
 ENGL 7882 - Cooperative Education Placement  
 ENGL 7884 - Cooperative Education Placement  
 ENGL 7885 - Co-op Education Placement  
 ENGL 7886 - Coop Education Placement  
 ENGL 791 - Thesis Course  
 ENGL 792 - Thesis Workshop  
 ENGL 793 - Teaching College Writing  
 ENGL 795 - Independent Study

## European Languages & Literature Department

Welcome to the Department of European Languages and Literatures, which offers instruction in the languages, literatures, and cultures of the French-, German-, Greek-, Italian-, and Russian-speaking worlds. In addition to elementary and intermediate courses that provide students with the basic skills of the particular language, the Department also offers a wide range of more specialized elective courses in advanced language skills (including translation), literature, film, and other cultural areas. The Department has also recently inaugurated of four courses devoted to cross-cultural subjects in European studies.

The mission of Queens College is to prepare students to become leaders in a global society. It is therefore important to teach them the critical thinking skills necessary to understand a world that increasingly provides for interaction between people of different languages and cultures. The college achieves this mission by offering a rigorous education under the guidance of faculty who excel in teaching and research. Our graduates are trained to think critically and explore the diverse cultures of Queens County as well as those of the world beyond. The faculty members of the Department of European Languages and Literatures play a key role in helping the college to meet its goals. Through training in the literatures and cultures of Europe, we teach our students to better understand some of the people they will come in contact with in a global society. The languages we teach were spoken by generations of immigrants to America, and they are all still spoken in Queens today—by families that have maintained ties to the languages of their forebears and by recent immigrants.

### Programs

FREN-MA - French

ITAL-AC - Italian Culture for the 21 Century

ITAL-MA - Italian

### Courses

FREN 701 - History of the French Language

FREN 704 - Problems in French Language

FREN 708 - French Medieval Literature

FREN 710 - Rabelais and Montaigne

FREN 711 - French Renaissance Literature

FREN 713 - French Classical Theatre of the Seventeenth Century.

FREN 717 - The Eighteenth Century

FREN 719 - French Novel of the Nineteenth Century.

FREN 721 - The Poetry and Theatre of the Nineteenth Century

FREN 722 - Baudelaire and the Symbolists

FREN 724 - Contemporary French Literature

FREN 730 - Studies in Francophone Literature

FREN 750 - Studies in Francophone Culture

FREN 778 - Advanced Translation in French

FREN 780 - Trends and Events in French Civilization

FREN 781 - Seminar: Methodology and Selected Literary Topics

FREN 782 - Studies in French Literature

FREN 791 - Special Problems

FREN 792 - Special Problems

ITAL 701 - History of the Italian Language

ITAL 704 - Problems in Italian Language

ITAL 707 - Humanism and the Renaissance

ITAL 708 - Humanism and the Renaissance

ITAL 711 - Italian Literature from its Origins to the Trecento

ITAL 713 - Dante's Divina Commedia

ITAL 715 - The Early Italian Lyric and Petrarch

ITAL 716 - Boccaccio's Decameron and the Italian Novella

ITAL 721 - Ariosto and Tasso

ITAL 722 - Machiavelli and Guicciardini: Historians, Men of Letters, and Political Thinkers

ITAL 726 - Aspects of Nineteenth- and Twentieth-Century Theatre

ITAL 752 - The Art and Humanism of Manzoni

ITAL 753 - Leopardi and Foscolo

ITAL 755 - Contemporary Italian Poetry

ITAL 761 - Italian Literary Criticism since 1870

ITAL 762 - The Modern Italian Novel

ITAL 763 - The Contemporary Italian Novel

ITAL 778 - Advanced Translation in Italian.

ITAL 779 - Studies in Italian Cinema and Media

ITAL 780 - Trends and Events in Italian Civilization.

ITAL 781 - Seminar: Methodology and Select Literary and Cultural Topics

ITAL 782 - Studies in Italian Literature and Culture

ITAL 791 - Special Problems

ITAL 792 - VT:Special Problems

ITAL 793 - Capstone/Practicum in Italian Culture in the 21st Century

## Family, Nutrition and Exercise Sciences Department

The Department of Family, Nutrition, & Exercise Sciences (FNES) is an interdisciplinary department that brings together people who study family and consumer sciences, textiles and apparel, nutrition, dietetics, physical education, and exercise science. This includes, but is not limited to, individuals preparing to become teachers of family and consumer sciences and physical education. FNES is dedicated to a complex and demanding mission: to provide quality educational experiences and conduct groundbreaking research to enhance the health and well-being of individuals, families, and communities in an increasingly global society.

The mission of the Department of Family, Nutrition and Exercise Sciences, Queens College, CUNY, is to prepare individuals to assume leadership roles in family and consumer sciences, nutrition, and exercise sciences, and in teacher education in family and consumer sciences and physical education; to create new knowledge through research and in-depth study of the respective disciplines; and to apply current knowledge to enhance the health and well-being of individuals, families, and communities in an increasingly global society.

### Programs

FAMED-MSED - Family and Consumer Science Teacher K-12

FNES-MS - Nutrition and Exercise Sciences

FNESED-AC - Family and Consumer Science Teacher Education K-12

PHYED-AC - Physical Education

PHYED-MSED - Physical Education

### Courses

FNES 538 - Introduction to Teaching Family & Consumer Sciences.

FNES 560 - The Teaching Process and Assessment in Physical Education

FNES 561 - Methods for Teaching Early Childhood and Elementary Physical Education

FNES 562 - Seminar in the Teaching of Physical Education

FNES 563 - Seminar in the Teaching of Family and Consumer Sciences

FNES 573 - Student Teaching in Physical Education.

FNES 574 - Student Teaching in Family and Consumer Sciences

FNES 636 - Technology Integration for Teaching and Learning in FCS

FNES 637 - Contemporary Educational Trends and the Effect on Family and Consumer Sciences Curricula.

FNES 643 - Teaching Diverse Student Populations Family and Consumer Sciences.

FNES 702 - Statistical Methods in FNES.

FNES 705 - Research Methods in Physical Education

FNES 707 - Cultural and Ethnic Foods

FNES 708 - Seminar in Health, Physical Education, and Movement Science

FNES 710 - Enteral and Parenteral Nutrition Support

FNES 711 - VT: Contemporary Issues in FNES

FNES 713 - Curriculum Development in Physical Education

FNES 714 - Analysis of Teaching Physical Education

FNES 715 - Movement Experiences for Atypical Populations

FNES 716 - Application of Contextual Issues in Physical Education

FNES 717 - Geriatric Nutrition

FNES 719 - Cardiac Rehabilitation Programs

FNES 720 - Exercise Physiology

FNES 721 - Principles of Electrocardiography and Stress Testing

FNES 722 - Exercise, Energy Balance, and Body Composition

FNES 723 - Physical Activity and Cardiovascular Health

FNES 724 - Adult Fitness and Exercise Prescription.

FNES 725 - Measurement of Physical Fitness and Body Composition.

FNES 726 - Internship in Adult Fitness and/or Cardiac Rehabilitation

FNES 727 - The Meanings of Dress

FNES 728 - New Trends in Textiles and Apparel

FNES 729 - Cardiovascular Disease, Electrocardiography and Stress Testing

FNES 730 - Mechanical Analysis of Human Movement

FNES 731 - Research I: Action Research in Family & Consumer Sciences Education.

FNES 732 - Research II: Assessment & Evaluation in Family & Consumer Sciences Education.

FNES 733 - Physical Activity, Health and Exercise Prescription I

FNES 734 - Physical Activity, Health and Exercise Prescription II

FNES 740 - Motor Learning and Performance.

FNES 741 - Drugs: A Family, School, and Community Problem

FNES 742 - Child Study Lab in Family and Consumer Sciences

FNES 745 - The Child in the Family

FNES 747 - An Analysis of Teaching Family and Consumer Sciences.

FNES 748 - Curriculum Development: Theories and Challenges for Family and Consumer Sciences

FNES 749 - Contemporary Home and Family Living

FNES 751 - Resources for Consumer Education

FNES 753 - Building Relationships Inside and Outside the Classroom

FNES 755 - Sustainability Practices in Family and Consumer Sciences

FNES 760 - Food Trends and Issues in Family and Consumer Sciences

FNES 762 - Nutrition Counseling

FNES 763 - Nutritional Pathophysiology I

FNES 764 - Nutritional Pathophysiology II

FNES 765 - Resources for Nutrition Education

FNES 767 - Advanced Diet Therapy

FNES 768 - Advanced Nutrition

FNES 770 - Community Nutrition

FNES 773 - Internship in Dietetics I, II

FNES 774 - Internship in Dietetics I, II

FNES 775 - Advanced Food Service Management

FNES 777 - Problems and Practices in Food Service Management

FNES 781 - VT. Seminar in Family and Consumer Sciences Education

FNES 782 - VT. Seminar in Family and Consumer Sciences Education

FNES 7881 - Cooperative Study

FNES 7882 - Cooperative Study

FNES 7883 - Cooperative Study

FNES 7884 - Cooperative Study

FNES 7885 - Cooperative Study

FNES 7886 - Cooperative Study

FNES 7911 - Indep Study

FNES 7912 - Indep Study

FNES 7913 - Independent Study in FNES

FNES 7921 - Indep Study

FNES 7922 - Independent Study

FNES 7923 - Independent Study

FNES 796 - Research Methods in Nutrition and Exercise Sciences

FNES 797 - Research Project in Nutrition and Exercise Sciences

HECO 775 - Adv Fd Svc Mgt

PHYED 709 - Wrkshp Sec Sch Ped

PHYED 710 - Quantitative Methods

PHYED 711 - Role Sport Amer Soc

PHYED 720 - Phys Fitness/Trainin

PHYED 721 - Ekg/Stress Testing

PHYED 722 - Exerc/Nutr/Wgt Cont

PHYED 723 - Phys Activ/Card Hth

PHYED 724 - Adult Fitness Exerc

PHYED 725 - Measure Phys Fitness

PHYED 726 - Intn Ad Fit/Card Reh

PHYED 730 - Mech Anal Body Move

PHYED 738 - Ldrshp Instrct Super

PHYED 740 - Motor Learn/Perform

PHYED 743 - Ped Exception Indiv

PHYED 744 - Ped Physical Disable

PHYED 745 - Pract Spec Phys Ed

PHYED 750 - Human Sexuality

## Graduate Library Science Department

The motto of Queens College is equally appropriate for its Graduate School of Library and Information Studies, the only [American Library Association](#) accredited program for library and information studies within the City University of New York.

The school prepares library and information service professionals to meet the information and literacy needs of the New York metropolitan region and beyond. It provides a quality education, in accordance with the prevailing state and national standards for the discipline.

The school prepares graduates to serve a broad segment of the metropolitan area's multicultural, multiethnic, and multilingual population in a variety of institutional and informational settings. Through research, publication, and other forms of scholarly activity, the school contributes and transmits new knowledge to society and the profession.

The Graduate School of Library & Information Studies has been continuously accredited by the American Library Association since 1970.

### Programs

CHLIBR-AC - Child and Young Adult Services in the Public Library

LBHS-MLSMA - Library Science and History

LIBPOST-AC - Librarianship - Post Master's

MEDSPL-MLS - Library Media Specialist for Certified Teachers

MEDSPN-MLS - Library Media Specialist

RECMGT-AC - Archives and Preservation of Cultural Materials

### Courses

LBSCI 700 - The Technology of Information

LBSCI 701 - Fundamentals of Library and Information Science

LBSCI 702 - Information Sources and Service: General

LBSCI 703 - Information Organization

LBSCI 705 - Managing Information Services

LBSCI 706 - Advanced Technological Concepts

LBSCI 709 - Research in Library and Information Studies

LBSCI 710 - Applied Research in Information Studies

LBSCI 711 - Collection Development

LBSCI 713 - Information Sources and Service: Science and Technology.

LBSCI 715 - Information Sources and Service: Social Sciences.

LBSCI 717 - Information Sources and Service: Humanities.

LBSCI 719 - Government Information Sources

LBSCI 720 - The Design and Evaluation of Visual Information

LBSCI 721 - Advanced Technical Services

LBSCI 723 - Advanced Subject Cataloging and Classification

LBSCI 725 - Bibliographic Control of Nonprint Material.

LBSCI 726 - Data Curation

LBSCI 728 - Public History

LBSCI 729 - Introduction to Metadata for Cataloging and Classification of Internet Resources

LBSCI 730 - Archival, Appraisal, Arrangement and Access

LBSCI 731 - From Manuscripts to eBooks: Studies in Print Culture

LBSCI 732 - Introduction to Archival Studies

LBSCI 733 - Preservation of Cultural Heritage Materials

LBSCI 734 - Art Librarianship & Visual Resources Curatorship

LBSCI 735 - Museum Studies

LBSCI 736 - Records Management

LBSCI 737 - Materials for Children

LBSCI 738 - Mythology and Folklore for Children and Adolescents

LBSCI 739 - Materials for Young Adults

LBSCI 741 - Information Systems Analysis and Design

LBSCI 743 - Information Access Systems: Indexing, Abstracting, and Other Access Systems.

LBSCI 746 - Design and Construction of Bibliographic Databases

LBSCI 747 - Selected Technology Applications in Information Management

LBSCI 748 - Programming

LBSCI 752 - Digital Preservation

LBSCI 753 - Digital Libraries

LBSCI 754 - Human-Computer Interaction

LBSCI 755 - Design and Production of Multimedia

LBSCI 756 - Managing New Technologies

LBSCI 757 - Digitization of Cultural Materials

LBSCI 761 - Organization and Management: School Library Media Centers

LBSCI 763 - Nonbook Materials: Sources and Service

LBSCI 764 - Information Literacy Instruction for K-12

LBSCI 765 - Resources for the School Curriculum

LBSCI 767 - Reading Motivation Techniques for Children and Adolescents

LBSCI 768 - Storytelling

LBSCI 773 - Public Library Services for Children

LBSCI 775 - Librarianship in a Multicultural Society: Material and Services.

LBSCI 777 - Public Library Services for Young Adults

LBSCI 778 - Informational Literacy Instructions for Adults

LBSCI 779 - Adult Reader's Advisory Services in the Public Library

LBSCI 784 - Health Sciences Librarianship

LBSCI 786 - Business Information Sources

LBSCI 787 - Strategic and Competitive Intelligence

LBSCI 788 - Law Librarianship

LBSCI 790 - Non Print Catal

LBSCI 7901 - VT:Seminar

LBSCI 7903 - VT:Seminar

LBSCI 795 - Internship. Fieldwork

## Hispanic Literature & Language Department

The program of instruction in the department of Hispanic Languages and Literatures seeks, through the achievement of an accurate reading knowledge, adequate aural comprehension, and conversational proficiency, to prepare students to understand and appreciate the language, literature, and culture of the Spanish-speaking world. Upon completion of the basic courses, students are expected to have a thorough, practical command of Spanish, including an ability to understand more fully the culture or cultures which that language reflects.

### Programs

SPAN-MA - Spanish

### Courses

SPAN 700 - Stylistics and Composition

SPAN 702 - History of the Spanish Language

SPAN 704 - Foundations of Hispanic Linguistics

SPAN 706 - Hispanic Socio-linguistics and Dialectology

SPAN 717 - Creative Writing in Spanish

SPAN 720 - Medieval Spanish Literature

SPAN 721 - Pan-Hispanic Balladry: from El Cid to Lorca and Beyond

SPAN 722 - Golden Age Spanish Literature

SPAN 723 - Golden Age Drama

SPAN 724 - Miguel de Cervantes

SPAN 725 - Don Quijote  
 SPAN 726 - Spanish Literature of the Eighteenth and Nineteenth Centuries  
 SPAN 728 - The Generation of 1898 and the Beginning of the Twentieth Century  
 SPAN 730 - Literature of the Franco Era  
 SPAN 732 - Spanish Literature Since the Transition  
 SPAN 750 - Early Colonial Literature in Latin America  
 SPAN 751 - Vision of the Vanquished: Indigenous and Mestizo Voices of XVI and XVII Centuries Mexico and Peru  
 SPAN 752 - Eighteenth and Nineteenth-Century Latin American Literature  
 SPAN 753 - Great Works of Spanish American Romanticism: In Search of a Spanish- American Identity  
 SPAN 754 - Modernismo in Latin American Literature  
 SPAN 756 - From the Avant-Garde to the Postmodern

SPAN 758 - Latin American Literature into the Twenty-First Century.  
 SPAN 760 - Literature of the Hispanic Caribbean  
 SPAN 770 - Introduction to Literary and Cultural Theories  
 SPAN 772 - Peninsular Spanish Culture and Thought  
 SPAN 774 - Latin American Culture and Thought  
 SPAN 776 - Latino/Latina Writers in the United States.  
 SPAN 778 - Cinema and Literature in the Hispanic World  
 SPAN 780 - Independent Study  
 SPAN 783 - Research Seminar: Hispanic Linguistics  
 SPAN 784 - Research Seminar: Hispanic Literature  
 SPAN 791 - Special Problems  
 SPAN 792 - Special Problems  
 SPAN E728 - Spanish-American Literature: The Inter-War Years

## History Department

The Master's Program in History provides advanced study with accomplished full-time faculty. We offer a range of courses, particularly in modern US, New York, modern European, Latin American, modern African, South Asian, military, gender, and Jewish history. Our degrees provide intellectual stimulation as well as hands-on training doing history. They serve as excellent preparation for doctoral study, the academic requirement for New York State teacher certification, archival or museum work, or jobs that demand high-level research skills.

The program offers several degrees. The MA in History can be completed either through coursework culminating in a Master's thesis (the research track) or coursework plus comprehensive exams plus a capstone portfolio (the professional track). There is also a joint MLS/MA degree with the Graduate School of Information Sciences for students seeking careers in library or archival work. Undergraduate juniors with a high GPA may apply for the Accelerated MA, which allows qualifying students to take MA courses that count toward both their BA and MA degrees.

Office location: Powdermaker 352

Office Phone Number: 718-997-5350

Department/Program Website: <https://www.qc.cuny.edu/academics/history/>

Department chair: Julia Sneeringer, [julia.sneeringer@qc.cuny.edu](mailto:julia.sneeringer@qc.cuny.edu)

Director of Graduate Studies: Bobby Wintermute, [bobby.wintermute@qc.cuny.edu](mailto:bobby.wintermute@qc.cuny.edu)

To speak with an advisor about the MA or MLSMA program, please contact Bobby Wintermute at [bobby.wintermute@qc.cuny.edu](mailto:bobby.wintermute@qc.cuny.edu)

## Programs

HIST-MA - History

LBHS-MLSMA - Library Science and History

## Courses

HIST 705 - History of World War II  
 HIST 706 - Military Theory and History  
 HIST 707 - War in European History  
 HIST 7071 - War In American History  
 HIST 708 - Arab-Israeli Wars 1948-73  
 HIST 710 - VT: Ancient History  
 HIST 711 - Urbanism in Antiquity  
 HIST 713 - Church In Middle Ages  
 HIST 714 - Variable Topics: Medieval History  
 HIST 715 - Cultures and Peoples of Eastern Europe  
 HIST 716 - The Idea of Eastern Europe  
 HIST 719 - VT: Modern French Hst  
 HIST 720 - Renaissance And Reformation EU  
 HIST 721 - Early Modern England  
 HIST 722 - History of the Book  
 HIST 726 - Topics in World Slavery  
 HIST 727 - Europe and the Contemporary World: 1945 to the Present  
 HIST 728 - The Collapse of the Soviet Union  
 HIST 729 - The Cold War: Communism vs. Democracy  
 HIST 730 - US-Israeli Relations 1948-Present  
 HIST 731 - Italian Immigration to the United States  
 HIST 732 - Russian Hist To 1917  
 HIST 733 - Studies in Soviet History  
 HIST 734 - Women in Modern European History  
 HIST 735 - VT: Studies in German and Central European History  
 HIST 736 - Modern Italy  
 HIST 738 - China In 19th Century  
 HIST 739 - Chinese History since 1900  
 HIST 740 - Memory and History: Museums, Monuments, Collective Memory, and Public Controversies  
 HIST 742 - History Of Japan

HIST 745 - VT: Lat American Hist  
 HIST 750 - The History of Brazil  
 HIST 753 - VT: Brazilian History  
 HIST 755 - Nationalism in South Asia  
 HIST 756 - VT: Jewish History  
 HIST 757 - History of Modern Genocide  
 HIST 758 - Gandhi and Non-Violence  
 HIST 761 - VT: American Colonial Society  
 HIST 762 - The Era of the American Revolution  
 HIST 763 - The United States in the Early National Period 1789&1828  
 HIST 766 - VT: Afro-Amer Hist  
 HIST 767 - The Civil War and Reconstruction  
 HIST 771 - The Depression and the New Deal  
 HIST 772 - Making of the American Empire  
 HIST 773 - The United states in World Affairs  
 HIST 775 - Constitutional History of the United States 1787-1865  
 HIST 776 - US Constitution 1865-Pres  
 HIST 7771 - Amer City 1890-Pres  
 HIST 778 - The United States Bill of Rights, 1789 to the Present  
 HIST 779 - History of Women in the Modern United States  
 HIST 780 - The Family in United States History  
 HIST 781 - Studies in American Social, Intellectual, and Cultural History to 1870  
 HIST 784 - Sources of New York City History  
 HIST 7851 - Formation of Modern American Culture I  
 HIST 7852 - Formation of Modern American Culture II  
 HIST 786 - The American Urban Environment, 1830-1930  
 HIST 787 - Advanced Internship  
 HIST 788 - The United States and the Vietnam War  
 HIST 789 - The United States Since 1945  
 HIST 790 - VT: History Of Africa  
 HIST 791 - Introduction to Historical Research



HIST 792 - MLS-MA Capstone Research Project  
 HIST 795 - Studies Europe Hist  
 HIST 796 - Advanced Research Seminar  
 HIST 797 - Studies in American History: Special Problems

HIST 7981 - Individual Readings for Graduate Credit  
 HIST 7982 - Individual Readings for Graduate Credit  
 HIST 7983 - Individual Readings for Graduate Credit  
 HIST 799 - VT: Problems in History

## Library Department

Queens College Library (QCL) was first opened in 1955 in Klapper Hall. In 1988, the library moved to the newly constructed Benjamin S. Rosenthal library building, named for the New York Congressman and consumer advocate who died in 1983. The library, a hub of student and faculty research, contains over 840,000 volumes, one million plus ebooks, over 59,000 ejournals, and more than 86,000 streaming video. The [music library](#), the largest music collection in the CUNY system, is located on two levels in the Aaron Copland School of Music building.

Queens College Library facilitates creativity and intellectual inquiry in support of research, study, teaching, and the pursuit of knowledge.

The Library will be a user-centric hub for information, learning and creativity that engages the campus and the broader community.

## Programs

LBSCI-MLS - Library Science

LIBMESP-AC - Library Media Specialist

## Courses

GLIB 727 - Collection Development

GLIB 771 - Rg Mgmt Ac & Res

GLIB 762I - Ethnic & Lib Inst

## Linguistics & Communication Disorders Department

The Department of Linguistics and Communication Disorders brings together specialization in theoretical, experimental and applied linguistics with leading clinically based research on speech language pathology and communication disorders. We incorporate current research in these fields into teaching on our highly ranked graduate and undergraduate programs.

## Programs

LINGAP-MA - Applied Linguistics

SPPTH-MA - Speech-Language Pathology

TESOL-AC - English Language Teaching

TESOL-MSED - TESOL (K-12)

TESOLBL-AC - TESOL and Elementary Bilingual Education

TESOLIT-AC - TESOL: ITI

TESOLPM-AC - Teaching English to Speakers of Other Languages

## Courses

CAS 717 - Acquisition Of Lang

LCD 550 - Introduction to the Education of Multilingual Learners

LCD 700 - Research Methodology in Communication Sciences and Disorders

LCD 701 - Introduction to Linguistics

LCD 702 - Teaching English Sentence Structure I

LCD 703 - Teaching English Sentence Structure II

LCD 704 - The Psychology of Speech

LCD 705 - Language and Cross-Cultural Communication.

LCD 706 - Bilingualism

LCD 707 - Evaluation and Measurement in TESOL.

LCD 708 - Speech Science

LCD 709 - Teaching Writing and Reading to the Adult ESL or Basic Education Student

LCD 710 - Physiological Acoustics

LCD 712 - Multiple Literacies in TESOL

LCD 717 - The Acquisition of Language

LCD 720 - Teaching English Sound Structure

LCD 721 - Language and Learning Disorders of Children I

LCD 722 - Speech Disorders: Stuttering

LCD 723 - Alternative and Augmentative Communication Systems and Use for the Persons with Severe Communication

LCD 724 - Neuromotor Communication Disorders

LCD 726 - Language Disorders: Adolescents and Adults I

LCD 727 - Speech Disorders: Voice.

LCD 728 - Speech-Language Pathology Services in the Schools

LCD 729 - Clinical and Classroom Practicum in Speech-Language Pathology.

LCD 7291 - Pract Spe-Lang Path

LCD 7292 - Pract Spe-Lang Path

LCD 7293 - Pract Spe-Lang Path

LCD 730 - Speech Disorders: Articulation and Phonology.

LCD 731 - Language Disorders: Adolescents and Adults II

LCD 732 - Language and Learning Disorders of Children II

LCD 733 - Dysphagia

LCD 734 - Communication and Auditory Impairment

LCD 740 - Second Language Acquisition and Teaching

LCD 7403 - Second Language Acquisition and Teaching

LCD 7404 - Second Language Acquisition and Teaching

LCD 741 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing.

LCD 7413 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing

LCD 7414 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing

LCD 742 - Methods and Materials of TESOL: The Content Areas

LCD 750 - Practicum in Adult TESOL

LCD 759 - Studies in Communication Disorders.

LCD 781 - Survey of Adult Literacy Practices and Theory

LCD 782 - Language, Literacy, and Society

LCD 784 - Practicum in Adult Literacy and Reading

LCD 790 - Seminar in Research in TESOL

LCD 791 - Seminar in Research in Applied Linguistics

LCD 794 - Student Teaching Internship in TESOL I

LCD 795 - Student Teaching Internship in TESOL II

LCD 796 - Student Teaching Internship in TESOL for Certified Teachers

LCD 7971 - Special Problems

LCD 7972 - Special Problems

LCD 7973 - Special Problems in Linguistics and Communication Disorders

LING 791 - Materials Develop

## Mathematics Department

The Master's Program in Mathematics offers studies in graduate-level algebra, topology, analysis, differential geometry, logic, set theory, number theory, and more, covering a wide breadth and depth of pure mathematics. We also offer a concentration in applied mathematics, with coursework including numerical analysis, probability, statistics, data science, stochastic processes, and operations research.

This program prepares students for exciting careers in industry, academia, business, and finance. The program also strengthens the mathematics background of students interested in applying for Ph.D. programs.

*Chair:* John Terilla

*Graduate Advisor:* Dan Lee; [dan.lee@qc.cuny.edu](mailto:dan.lee@qc.cuny.edu)

*Office:* Kiely Hall Room 243

*Department Website:* [Mathematics - Math \(cuny.edu\)](http://Mathematics-Math.cuny.edu)

*Program Website:* <https://www.qc.cuny.edu/academics/math/ma/>

### Programs

MATH-MA - Mathematics

### Courses

MATH 503 - Mathematics from an Algorithmic Standpoint

MATH 505 - Mathematical Problem Solving

MATH 509 - Elementary Set Theory

MATH 518 - Euclidean Geometry

MATH 524 - History of Mathematics

MATH 555 - Introduction to Game Theory

MATH 585 - Mathematical Foundations of the Secondary School

MATH 5901 - VT:Studies In Math

MATH 5902 - VT:Studies In Math

MATH 5903 - VT:Studies In Math

MATH 5904 - VT:Studies In Math

MATH 601 - Abstract Algebra I

MATH 602 - Abstract Algebra II

MATH 605 - Number Theory

MATH 609 - Axiomatic Set Theory

MATH 613 - Algebraic Structures

MATH 614 - Functions of Real Variables

MATH 615 - Algebraic Number Theory

MATH 616 - Complex Analysis

MATH 616 - Ordinary Differential Equations

MATH 617 - Number Systems

MATH 618 - Foundations of Geometry.

MATH 620 - Point-Set Topology

MATH 621 - Probability

MATH 623 - Operations Research (Probability Methods).

MATH 624 - Numerical Analysis I

MATH 625 - Numerical Analysis II

MATH 626 - Mathematics and Logic

MATH 630 - Differential Topology

MATH 631 - Differential Geometry

MATH 633 - Statistical Inference

MATH 634 - Graph Theory

MATH 635 - Stochastic Processes

MATH 636 - Combinatorics

MATH 640 - Probability Theory for Data Science

MATH 641 - Statistical Theory for Data Science

MATH 642 - Data Science Fundamentals and Machine Learning

MATH 643 - Computational Statistics for Data Science

MATH 6901 - VT:Studies In Math

MATH 6902 - VT:Studies In Math

MATH 6903 - VT:Studies In Math

MATH 6904 - VT:Studies In Math

MATH 69045 - Variable Topics: Studies In Math

MATH 701 - Theory of the Integral

MATH 702 - Modern Abstract Algebra I

MATH 720 - Algebraic Topology

MATH 7901 - VT: Independent Research

MATH 7902 - VT: Independent Research

MATH 7903 - VT: Independent Research

MATH 7904 - VT:Indep Research

MATH 79045 - VT:Indep Research

MATH 7905 - VT: Indep Research

MATH 7911 - VT:Tutorial

MATH 7912 - Variable Topics: Tutorial

MATH 7913 - VT:Tutorial

MATH 7914 - VT:Tutorial

MATH 79145 - VT:Tutorial

MATH 7915 - VT:Tutorial

MATH 7921 - VT: Seminar

MATH 7922 - VT:Seminar

MATH 7923 - VT:Seminar

MATH 7924 - VT: Seminar

MATH 79245 - VT:Seminar

MATH 7925 - VT:Seminar

## Media Studies Department

A multidisciplinary department, Media Studies examines the various delivery systems for informational and cultural resources—print, film, television, video games, the internet, mobile phones—and their global social, cultural, economic, and political impact. Media Studies also looks at the range of institutions involved in shaping and transmitting representational material.

### Programs

MEDST-MA - Media Studies

### Courses

MEDST 701 - Media Archaeology

MEDST 702 - Capitalism and Media

MEDST 703 - Media and Social Justice

MEDST 704 - Gender, Sexuality, and Media

MEDST 705 - Race, Migration, and Media

MEDST 707 - Methodology in Media Research

MEDST 740 - Media Management

MEDST 745 - Advertising & Marketing

MEDST 752 - Media Theory

MEDST 754 - Survey of Media Research

MEDST 757 - VT: Political Economy of Media

MEDST 759 - Studies in Communication

MEDST 764 - International Media Systems  
 MEDST 769 - VT: Digital Lab  
 MEDST 790 - Thesis

MEDST 791 - Thesis Research  
 MEDST 7971 - Special Problems  
 MEDST 7972 - Special Problems

## Philosophy Department

The word 'philosophy' stems from two Greek words that, conjoined, may be translated as "the love of wisdom."

So what is philosophy? It has to do with knowing. Not "knowing" as in merely being cognizant of facts, but rather in terms of "making sense of" or "understanding". While some individuals are content to be learned, the student of philosophy seeks true comprehension.

To study philosophy is to strive after defensible views on the basic issues of knowledge and value. Philosophy challenges one to develop consistent and reasonable positions on such matters as the nature and scope of human knowledge, the grounds for moral and political principles, the character of religious belief, and the methods employed by both practical and theoretical sciences. This study encourages responsible, independent thought and action. And it widens one's experience by disclosing surprising alternatives to settled opinions and habitual beliefs.

### Courses

PHIL 620 - Advanced Logic  
 PHIL 621 - Logic and Language  
 PHIL 651 - Philosophy of Law  
 PHIL 652 - Philosophy of History  
 PHIL 653 - Philosophy of the State  
 PHIL 654 - Philosophy of Religion  
 PHIL 710 - Ancient Philosophy: Plato  
 PHIL 711 - Ancient Philosophy: Aristotle  
 PHIL 712 - Studies in Medieval Philosophy: Early Medieval Philosophy  
 PHIL 713 - Studies in Medieval Philosophy: Late Medieval Philosophy  
 PHIL 714 - Studies in Early Modern Philosophy: Rationalism  
 PHIL 715 - Studies in Early Modern Philosophy: Empiricism  
 PHIL 716 - Studies in Late Modern Philosophy: Kant  
 PHIL 717 - Studies in Late Modern Philosophy: Middle and Late Nineteenth Century  
 PHIL 721 - Philosophy of Mathematics  
 PHIL 722 - Methodology of Empirical Sciences  
 PHIL 723 - Probability and Induction  
 PHIL 730 - Metaphysics

PHIL 731 - Philosophy of Mind  
 PHIL 732 - Epistemology  
 PHIL 740 - Phenomenology  
 PHIL 741 - Existentialism  
 PHIL 742 - Pragmatism  
 PHIL 743 - Philosophical Analysis  
 PHIL 750 - Ethical Systems  
 PHIL 751 - Ethical Analyses  
 PHIL 752 - Aesthetics  
 PHIL 760 - Business Ethics  
 PHIL 778 - Special Studies in Philosophy  
 PHIL 779 - Seminar in Philosophy  
 PHIL 780 - Tutorial: Special Problems  
 PHIL 7801 - Tutorial: Special Problems  
 PHIL 7802 - Tutorial: Special Problems  
 PHIL 7803 - Tutorial: Special Problems  
 PHIL 781 - Tutorial  
 PHIL 782 - Tutorial  
 PHIL 791 - Thesis Research

## Physics Department

The study of physics provides students with strong analytical skills and a foundation for understanding other basic sciences. The physics curriculum covers the topics of mechanics, thermodynamics, electromagnetism, optics, relativity, quantum mechanics, and specialized topics in classical and modern physics. Experimental skills are developed in several laboratory courses. Qualified undergraduates may take graduate level courses, and may participate in internationally respected experimental and theoretical research efforts within the department.

### Programs

OPTEC-MS - Optics and Photonics Technology

PHYS-MA - Physics

### Courses

PHYS 501 - Modern Aspects of Physics  
 PHYS 502 - Modern Aspects of Astronomy  
 PHYS 507 - Physics of Music and Sound  
 PHYS 601 - Introduction to Mathematical Physics  
 PHYS 611 - Analytical Mechanics  
 PHYS 612 - Fluid Dynamics  
 PHYS 6151 - Electromagnetic Theory I  
 PHYS 6152 - Electromagnetic Theory II  
 PHYS 620 - Research and Writing in Sciences  
 PHYS 621 - Optoelectronics  
 PHYS 622 - Physics of Lasers  
 PHYS 623 - Principles of Telecommunications  
 PHYS 625 - Fundamentals of Quantum Mechanics  
 PHYS 626 - Applied Quantum Mechanics  
 PHYS 635 - Condensed Matter Physics  
 PHYS 636 - Nuclear and Elementary Particle Physics  
 PHYS 637 - Modern Optics  
 PHYS 641 - Statistical Physics  
 PHYS 645 - Solid State Physics  
 PHYS 646 - Physics of Semiconductors

PHYS 651 - Foundations of Physics  
 PHYS 657 - Introduction to Astrophysics  
 PHYS 661 - Computational Methods in Physics  
 PHYS 671 - Modern Physics Laboratory  
 PHYS 672 - Photonics Laboratory  
 PHYS 673 - Microwave Instrumentation Laboratory  
 PHYS 674 - Laboratory in Laser and Fiber Optics Technology  
 PHYS 675 - Microfabrication and Growth Techniques  
 PHYS 676 - Foundation of Growth Techniques  
 PHYS 680 - Internship I  
 PHYS 681 - Internship II  
 PHYS 699 - Introduction to Management of Scientific and Engineering Projects  
 PHYS 701 - Mathematical Methods in Physics  
 PHYS 702 - Mathematical Methods in Physics  
 PHYS 711 - Analytical Dynamics  
 PHYS 715 - Electromagnetic Theory  
 PHYS 716 - Electromagnetic Theory.  
 PHYS 725 - Quantum Mechanics  
 PHYS 726 - Quantum Mechanics  
 PHYS 730 - Atomic Physics

PHYS 731 - X-ray Diffraction  
 PHYS 734 - Introduction to Relativity  
 PHYS 735 - Nuclear Physics  
 PHYS 736 - Particle Physics  
 PHYS 741 - Statistical Mechanics  
 PHYS 745 - Solid State Physics  
 PHYS 748 - Theory of Relativity and Gravitation.  
 PHYS 749 - Theory of Relativity and Gravitation.  
 PHYS 750 - Plasma Physics  
 PHYS 751 - Plasma Physics  
 PHYS 760 - Cosmology  
 PHYS 771 - Graduate Physics Laboratory  
 PHYS 772 - Graduate Physics Laboratory  
 PHYS 773 - Graduate Physics Laboratory  
 PHYS 781 - Theory of Quantum Liquids

PHYS 782 - Cryophysics  
 PHYS 788 - Cooperative Education Placement  
 PHYS 7881 - Cooperative Education Placement  
 PHYS 7882 - Coop Educ Placement  
 PHYS 7883 - Coop Educ Placement  
 PHYS 7884 - Coop Educ Placement  
 PHYS 7885 - Coop Educ Placement  
 PHYS 791 - Colloquium  
 PHYS 798 - Thesis  
 PHYS 7991 - Graduate Research  
 PHYS 7992 - Graduate Research  
 PHYS 7993 - Graduate Research  
 PHYS 7994 - Graduate Research  
 PHYS 7995 - Graduate Research  
 PHYS 7996 - Graduate Research

## Political Science Department

Political science provides the background desired for careers in government service, education, journalism, law, or international agencies; and for staff work with research agencies, political parties, interest groups, business enterprises, trade associations, and labor organizations. Political science is also a liberal art and an appropriate major for students whose career interests are indefinite.

Courses in the Department of Political Science are designed to give the student, whether major or nonmajor, a basic understanding of the forces that shape government policy in both the national and international arenas. These include power relationships, political values and ideologies, the "rules of the game" that shape government institutions, and the strategies of citizens and other social actors. The department's offerings are divided into the following categories: A) American politics, B) comparative politics, C) international politics, D) political theory and methodology, E) law and politics, F) internships.

## Courses

PSCI 610 - Western Political Thought  
 PSCI 630 - Contemporary Comparative Government  
 PSCI 640 - Public Administration  
 PSCI 651 - Government of the City of New York  
 PSCI 660 - International Politics  
 PSCI 701 - Ancient & Medieval Political Thought  
 PSCI 702 - Modern Political Thought  
 PSCI 710 - Twentieth-Century Political Thought  
 PSCI 713 - Seminar in Theory and Method of Political Science  
 PSCI 714 - Theory of Democratic Socialism and Communism  
 PSCI 715 - Organization Theory  
 PSCI 720 - United States Constitutional Law I  
 PSCI 721 - United States Constitutional Law II  
 PSCI 730 - The United States Party System.  
 PSCI 731 - Policy Formulation in the United States Government.  
 PSCI 732 - The Presidency in the United States  
 PSCI 733 - The Legislative Process in the United States.  
 PSCI 735 - Politics and Public Opinion Formation  
 PSCI 736 - Public Policy Analysis  
 PSCI 741 - Administrative Law and Regulation  
 PSCI 744 - Government and Defense  
 PSCI 747 - Metropolitan Areas and Community Power Analysis.  
 PSCI 748 - Planning for Metropolitan Areas  
 PSCI 760 - United States Foreign Policy  
 PSCI 762 - International Organization  
 PSCI 763 - International Law.  
 PSCI 764 - Post-Soviet Foreign Policy  
 PSCI 765 - The International Politics of Africa

PSCI 766 - Changing Concepts and Practices in International Cooperation  
 PSCI 767 - Western and Post-Soviet Impacts on Underdeveloped Areas.  
 PSCI 768 - Post-Soviet Union and Eastern Europe.  
 PSCI 770 - Political Problems in the Development of Western and Non-Western States and Societies.  
 PSCI 7711 - Political Systems in Developing Areas: Regional Analysis-South and Southeast Asia  
 PSCI 7712 - Political Systems in Developing Areas: Regional Analysis - Far East  
 PSCI 7713 - Political Systems in Developing Areas: Regional Analysis - Middle East  
 PSCI 7714 - Political Systems in Developing Areas: Regional Analysis - Africa South of the Sahara  
 PSCI 7715 - Political Systems in Developing Areas: Regional Analysis - North Africa  
 PSCI 7716 - Political Systems in Developing Areas: Regional Analysis - Latin America  
 PSCI 7721 - Political Systems of Western European States - Great Britain  
 PSCI 7722 - Political Systems of Western European States - France  
 PSCI 7723 - Political Systems of Western European States - Germany  
 PSCI 773 - Post-Soviet Political Institutions  
 PSCI 776 - Comparative Public Administration.  
 PSCI 777 - Comparative Federalism  
 PSCI 780 - Colloquium in American Politics  
 PSCI 781 - Colloquium in Comparative Politics  
 PSCI 782 - Colloquium in Political Theory  
 PSCI 783 - Colloquium in International Relations.  
 PSCI 791 - Thesis Research

## Psychology Department

The Psychology department offers a wide variety of courses, some of which lay the foundation for a career in psychology, all of which are aimed at providing students with an understanding of behavior, both normal and abnormal.

### Psychology Department

*Chair:* Jeff Beeler

*Associate Chair for Graduate Studies:* Carolyn Pytte

*Deputy Chair of Instruction:* Concettina Pagano

*Director, Master of Arts in Applied Behavior Analysis, Master's and Advanced Certificate Program:* Sally Izquierdo

*Director, Master of Arts in General Psychology:* Patricia D'Ateno

Director, Master of Arts in Behavioral Neuroscience: Kerstin Unger

Director of Clinical Training, Clinical Psychology Doctoral Program: Veronica Hinton

Department Office: SB E318, 718-997-3203

Office Email: qc\_psychology@qc.cuny.edu

Department/Program Website: <https://www.qc.cuny.edu/academics/psychology/>

Advising:

Head of Advising: Claudia Brumbaugh

To learn about our graduate programs, please visit the program websites or contact the Directors listed above.

Graduate Programs:

General Psychology (MA): <https://www.qc.cuny.edu/academics/psychology/general-masters-mission-goals/>

Applied Behavior Analysis (MA): <https://www.qc.cuny.edu/academics/psychology/applied-behavior-analysis-about/>

Accelerated Behavior Analysis (BA/MA): <https://www.qc.cuny.edu/academics/psychology/accelerated-aba/>

Behavioral Neuroscience (MA): <https://www.qc.cuny.edu/academics/psychology/behavioral-neuroscience-ma-mission/>

Accelerated Neuroscience (BA/MA): <https://www.qc.cuny.edu/academics/psychology/accelerated-mabn/>

Doctoral Programs: <https://www.qc.cuny.edu/academics/psychology/phd-programs/>

## Programs

BEHANL-AC - Applied Behavioral Analysis

BEHANL-MA - Applied Behavior Analysis

NRSCIBH-MA - Behavioral Neuroscience

PSYCH-MA - Psychology

## Courses

PSYCH 700 - History of Psychology

PSYCH 701 - Advanced Experimental Psychology I

PSYCH 70310 - Design of Psychological Research.

PSYCH 7041 - Neuroscience Methods I: Statistics and Research Design

PSYCH 7042 - Neuroscience Methods II: Quantitative Tools in Neuroscience

PSYCH 705 - Statistical Methods in Psychology I

PSYCH 706 - Statistical Methods in Psychology II

PSYCH 7081 - Basic Neuroscience: Neuroanatomy

PSYCH 7082 - Basic Neuroscience: Neurophysiology

PSYCH 7083 - Basic Neuroscience: Molecular Neuroscience

PSYCH 7084 - Behavioral Neuroscience

PSYCH 7091 - Basic Neuroscience: Molecular Neuroscience

PSYCH 7092 - Basic Neuroscience: Systems Neuroscience

PSYCH 7093 - Basic Neuroscience: Cognitive Neuroscience

PSYCH 7094 - Basic Neuroscience: Behavioral Neuroscience

PSYCH 710 - Sensory and Motor Systems

PSYCH 711 - Advanced Behavioral Neuroscience

PSYCH 71103 - Cognitive and Affective Aspects of Behavior

PSYCH 720 - Developmental Psychology I

PSYCH 72001 - Developmental Disability I

PSYCH 72002 - Developmental Disabilities II: Functional Assessment

PSYCH 72003 - Behavior Intervention in Developmental Disabilities

PSYCH 72004 - Behavior Analysis of Child Development

PSYCH 72005 - Autism

PSYCH 7201 - Lifespan Developmental Psychology

PSYCH 721 - Developmental Psychology II

PSYCH 730 - Psychology of Learning

PSYCH 73001 - Theory and Method in Applied Behavior Analysis I

PSYCH 73002 - Theory and Method in Applied Behavior Analysis II

PSYCH 73004 - Supervised Practicum in Applied Behavior Analysis

PSYCH 73005 - Applied Behavior Analysis: Measurement and Applied Project I

PSYCH 73006 - Applied Behavior Analysis: Measurement and Applied Project II

PSYCH 73007 - Theories of Association

PSYCH 731 - Stimulus Control of Behavior

PSYCH 732 - Motivation and Reinforcement

PSYCH 733 - Information and Decision Processes in Human Behavior.

PSYCH 735 - Psychology of Perception

PSYCH 738 - Cognition

PSYCH 740 - Personality

PSYCH 743 - Survey of Psychotherapy and Counseling

PSYCH 746 - Social Psychology.

PSYCH 747 - Human Memory

PSYCH 748 - Self-Awareness Training

PSYCH 754 - Behavioral Science and Business.

PSYCH 755 - Psychopathology

PSYCH 756 - Clinical Psychopharmacology

PSYCH 760 - Psychometric Methods

PSYCH 761 - Measurement of Abilities

PSYCH 764 - Assessment of Personality with Standardized Objective Measures

PSYCH 7711 - Ethical Issues in Psychology

PSYCH 7712 - Ethical Issues in Psychology

PSYCH 7713 - Ethical Issues in Psychology

PSYCH 7721 - Ethics

PSYCH 7722 - Colloquium (may be repeated for credit, max 2 credit hrs)

PSYCH 7723 - Thesis Seminar

PSYCH 774 - Assessment of Intellectual Functioning

PSYCH 777 - Practicum in Interviewing and Personality Appraisal

PSYCH 780 - Quantitative Methods in Psychology

PSYCH 7881 - Cooperative Education Placement

PSYCH 7882 - Cooperative Education Placement

PSYCH 7883 - Cooperative Education Placement

PSYCH 7884 - Cooperative Education Placement

PSYCH 7885 - Cooperative Education Placement

PSYCH 7886 - Cooperative Education Placement

PSYCH 7911 - VT: Seminar in Selected Topics in Psychology

PSYCH 7912 - VT: Seminar in Selected Topics in Psychology

PSYCH 7913 - VT: Seminar in Selected Topics in Psychology

PSYCH 7914 - VT: Seminar in Selected Topics in Psychology

PSYCH 795 - Fieldwork Project in Applied Behavior Analysis

## School of Earth and Environmental Sciences Department

The School of Earth & Environmental Sciences brings a multi-discipline approach to the study of the processes operative within the Earth and, especially, on the surface of the Earth, the products of those processes, and how both processes and products can and have changed through geologic time. The interdisciplinary nature of this study is emphasized both in the research of the faculty and in the course offerings at both the undergraduate and graduate levels.

## Programs

EGEOSCI-MS - Applied Environmental Geoscience

ESCIED-AC - Earth Science Teaching

GEOL-MA - Geological and Environment Sciences

## Courses

ENSCI 7991 - Special Topics in Environmental Sciences

ENSCI 7992 - Special Topics in Environmental Sciences

ENSCI 7993 - Special Topics in Environmental Sciences

GEOL 501 - Earth Composition and Earth Processes

GEOL 502 - Earth History and the Fossil Record

GEOL 509 - Environmental Geology of the New York Metropolitan Region

GEOL 510 - Coastal Geology

GEOL 515 - Geology of New York State

GEOL 520 - Meteorology

GEOL 521 - Oceanography

GEOL 522 - Applied Geologic Reasoning: Geology of New York State

GEOL 551 - Applied Earth Systems Science: GLOBE® Program Certification

GEOL 552 - GLOBE® Program Environmental research.

GEOL 5991 - Spec Topics In Geol

GEOL 5992 - Special Topics: Geol

GEOL 5993 - Special Topics: Geology

GEOL 5994 - Special Topics: Geol

GEOL 701 - Advanced Principles of Physical Geology

GEOL 702 - Advanced Principles of Historical Geology

GEOL 718 - Field Geology

GEOL 721 - Optical Mineralogy

GEOL 728 - Advanced Volcanology

GEOL 742 - Stratigraphy

GEOL 745 - Hydrology

GEOL 746 - Groundwater Hydrology

GEOL 747 - Coastal and Estuarine Geology

GEOL 749 - Seminar on Urban Coastal Management

GEOL 750 - Environmental Geology

GEOL 752 - Map Interpretation

GEOL 760 - Environmental Geochemistry

GEOL 761 - Field Methods in Hydrology

GEOL 762 - Shallow Subsurface Geophysics

GEOL 763 - Geographic Information Systems and Geologic Mapping

GEOL 764 - Contaminant Hydrology

GEOL 765 - Surface Processes and Products

GEOL 766 - Analytical Techniques in Environmental Geosciences.

GEOL 767 - Field Techniques in Environmental Sciences

GEOL 768 - Soils, Wetlands, and Bioremediation

GEOL 772 - High Temperature Geochemistry

GEOL 773 - Low Temperature Geochemistry

GEOL 780 - Marine Geology

GEOL 7881 - Cooperative Education Placement

GEOL 7882 - Cooperative Education Placement

GEOL 7883 - Cooperative Education Placement

GEOL 7884 - Cooperative Education Placement

GEOL 7885 - Cooperative Education Placement

GEOL 7886 - Cooperative Education Placement

GEOL 7902 - Seminar

GEOL 7903 - Seminar

GEOL 791 - Independent Study

GEOL 792 - Independent Study

GEOL 793 - Independent Study

GEOL 795 - Thesis Research

GEOL 7951 - Vt:Thesis Research

GEOL 7952 - Vt:Thesis Research

GEOL 7953 - Vt:Thesis Research

GEOL 7991 - Vt: Special Topics

GEOL 7992 - Vt:Special Topics

GEOL 7993 - Vt:Special Topics in Geology

GEOL 899 - SEES Elective Credit

## Secondary Education and Youth Services Department

The SEYS Department offers two kinds of graduate degree-track programs. MSEd programs are for those who hold preliminary or initial teaching certification while MAT programs assume no existing certification. The department also offers two self-contained programs leading to Initial Certification.

1. Master of Science in Secondary Education (MSED) Programs
  - a. [ART-MSED](#)
  - b. [AEENG-MSED](#)
  - c. [LCYTH-MSED](#)
  - d. [MB712-MSED](#)
  - e. [SB712-MSED](#)
  - f. [AESST-MSED](#)
  - g. [AESPA-MSED](#), [AEFRN-MSED](#), [AEITA-MSED](#)
2. Master of Arts in Teaching (MAT) programs
  - a. [ARTED-MAT](#)
  - b. [CRL712-MAT](#)
  - c. [ENGLD-MAT](#)
  - d. [MATHD-MAT](#)
  - e. [ASE712-MAT](#)
3. Post-Master's Advanced Certificate Programs
  - a. [ETHEQTP-AC](#)
  - b. [LRNTECH-AC](#)
  - c. [SEDYTH-AC](#)

## Programs

AEBIO-AC - Adolescent Education: Biology

AEBIO-MSED - Adolescence Education: Biology 7-12

AECHIN-AC - Adolescent Education: Chinese

AECHM-AC - Adolescent Education: Chemistry

AECHM-MSED - Adolescence Education: Chemistry 7-12

AEENG-AC - Adolescent Education: English

AEENG-MSED - Adolescence Education: English 7-12

AEESC-MSED - Adolescence Education: Earth Science 7-12

AEESCI-AC - Adolescent Education: Earth Science

AEFRN-AC - Adolescent Education: French

AEFRN-MSED - Adolescence Education: French 7-12

AEITA-AC - Adolescent Education: Italian

AEITA-MSED - Adolescence Education: Italian 7-12  
 AEMAT-AC - Adolescent Education: Mathematics  
 AEMAT-MSED - Adolescence Education: Mathematics 7-12  
 AEPHY-AC - Adolescent Education: Physics  
 AEPHY-MSED - Adolescence Education: Physics 7-12  
 AESPA-AC - Adolescent Education: Spanish  
 AESPA-MSED - Adolescence Education: Spanish 7-12  
 AESST-AC - Adolescent Education: Social Studies  
 AESST-MSED - Adolescence Education: Social Studies 7-12  
 ALTRNB-MAT - Alternative Transitional B: TESOL  
 APLITY-MS - Applied Literacy (non-cert)  
 ART-MSED - Art Education  
 ARTED-AC - Art Education  
 ARTED-MAT - Adolescent Visual Art Education All Grades  
 ASE712-MAT - Adolescent Science Education Grades 7-12  
 BIOL-MAT - Adolescent Biology 7-12  
 CRL712-AC - Critical Language Ed 7-12 AC

CRL712-MAT - Critical Languages Ed 7-12  
 DEVALG-AC - Developing Algebraic Thinking in the Middle Grades  
 EDINL-MSED - Education and Instruction Leadership  
 ENGLD-MAT - Adolescent English Education Grades 7-12  
 INSTECH-AC - Instructional Technology for Educators Non-Cert  
 LCYTH-MSED - Literacy Teacher, Grades 5-12  
 MATHED-MAT - Adolescent Math Education Grades 7-12  
 MB712-MSED - Math and Bilingual Education 7-12  
 SB712-MSED - Science And Bilingual Education  
 SEDYTH-AC - Secondary Literacy 5-12  
 SPBIO-MSED - Alt Cert: Special Education Biology 7-12  
 SPEDS-MSED - Teacher of Special Education: 7-12  
 SPITL-MSED - Alt Cert: Special Education Italian 7-12  
 TAE712-MAT - Transition Adolescent Education English 7-12  
 TAS712-MAT - Transition Adolescent Education Science 7-12  
 TMCSI-MSED - Teaching Math and CSCI Grades 7-12

## Courses

SEYS 5001 - Non-degree Workshop Secondary Education  
 SEYS 5002 - Non-degree Workshop Secondary Education  
 SEYS 5003 - Non-degree Workshop Secondary Education  
 SEYS 533 - Methods of Teaching the Visual Arts, Pre-K-12th grade  
 SEYS 536 - Educational Foundations  
 SEYS 552 - Educational Psychology  
 SEYS 560 - Methods of Teaching English in Middle and High School  
 SEYS 561 - Methods of Teaching Mathematics in Middle and High School  
 SEYS 562 - Methods of Teaching Science in Middle and High School  
 SEYS 563 - Methods of Teaching Social Studies in Middle and High School  
 SEYS 564 - Methods of Teaching Foreign Language in Middle and High School  
 SEYS 565 - Methods of Standards-based Curriculum and Assessment in Teaching the Visual Arts  
 SEYS 5702 - Initial Clinical Experience in English for Secondary School  
 SEYS 5704 - Student Teaching in English for Secondary School  
 SEYS 5712 - Initial Clinical Experience in Mathematics for Secondary School  
 SEYS 5714 - Student Teaching in Mathematics for Secondary School  
 SEYS 5722 - Student Teaching I in Science for Secondary School (7-12)  
 SEYS 5724 - Student Teaching II in Science for Secondary School (7-12)  
 SEYS 5732 - Student Teaching I in Secondary Social Studies  
 SEYS 5734 - Student Teaching II in Secondary Social Studies  
 SEYS 5742 - Initial Clinical Experience in Foreign Language for Secondary School  
 SEYS 5744 - Student Teaching in Foreign Language for Secondary School  
 SEYS 575 - Supervised Student Teaching I in Visual Arts I  
 SEYS 576 - Supervised Student Teaching in Visual Arts II  
 SEYS 577 - Clinical Residency I  
 SEYS 578 - Clinical Residency II  
 SEYS 579 - Clinical Residency III  
 SEYS 580 - Standards-Based Curriculum and Assessment in Teaching English  
 SEYS 581 - Standards-Based Curriculum and Assessment in Teaching Mathematics  
 SEYS 582 - Standards-Based Curriculum and Assessment in Teaching Science  
 SEYS 583 - Standards-Based Curriculum and Assessment in Teaching Social Studies  
 SEYS 584 - Standards-Based Curriculum and Assessment in Teaching Foreign Language  
 SEYS 700 - Language, Literacy, and Culture in Education.  
 SEYS 701 - A History of Ideas in Education.  
 SEYS 702 - The History of Education in the United States.  
 SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices  
 SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy  
 SEYS 705 - School and Society  
 SEYS 706 - Globalization and Comparative Education  
 SEYS 707 - Major Issues in Education  
 SEYS 708 - Seminar in Theoretical Study of Education.  
 SEYS 709 - Humanistic Psychology: Educational Applications.  
 SEYS 710 - The Psychology of Adolescence  
 SEYS 711 - Workshop in Art Education in the Elementary School

SEYS 712 - Workshop in Visual Thinking  
 SEYS 714 - World Language Program Design  
 SEYS 715 - Language Acquisition and Learning for Bilingual Students  
 SEYS 716 - Bilingual Education: Theory and Practices  
 SEYS 716 - Bilingual Education: Theory and Practices  
 SEYS 717 - Learning Theory in Education.  
 SEYS 718 - Classroom Management  
 SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools  
 SEYS 720 - The Education of Immigrants' Children in the United States.  
 SEYS 722 - Oral History in the Secondary Classroom.  
 SEYS 724 - Teaching as Social Practice in the Arts  
 SEYS 725 - Community and Culture in Art Education  
 SEYS 727 - Topics in Art Education  
 SEYS 732 - Seminar in Art Education  
 SEYS 739 - Culturally Relevant Pedagogy  
 SEYS 740 - The Teaching of Reading in the Secondary School  
 SEYS 741 - Literature for Adolescents.  
 SEYS 743 - Curriculum and Instruction in Foreign Language Education  
 SEYS 744 - Methods and Materials in Teaching English to Speakers of Other Languages in the Content Areas.  
 SEYS 745 - Reading and Writing for Diverse Students in Content Areas  
 SEYS 746 - Multicultural Literature  
 SEYS 747 - Multiple Literacies in English Language  
 SEYS 748 - Contemporary Issues in English Language Arts  
 SEYS 750 - Mathematics in the Junior High or Middle School.  
 SEYS 751 - Mathematics in the Secondary School.  
 SEYS 752 - Problems in Teaching General Science in the Junior High School.  
 SEYS 753 - Digital Applications in Science and Technology Education  
 SEYS 754 - Curriculum Innovations in Science Education  
 SEYS 755 - Practical Applications in Educational Technology  
 SEYS 756 - Mobile Science: Data-Based Decision Making  
 SEYS 757 - Student Use of Technology  
 SEYS 758 - Cognition in Learning Science and Mathematics  
 SEYS 760 - Curriculum Innovations in the Social Studies  
 SEYS 761 - Law and the Social Studies.  
 SEYS 762 - Teaching History as Mystery  
 SEYS 763 - Mass Media in School and Society.  
 SEYS 764 - The Secondary School Curriculum: Current Theories and Controversies.  
 SEYS 765 - Differentiated Teaching for Diverse Learners In Secondary Schools  
 SEYS 7662 - Workshop in Junior High School Education  
 SEYS 7663 - Workshop in Junior High School Education  
 SEYS 7664 - Workshop in Junior High School Education  
 SEYS 7671 - Workshop in Secondary Education  
 SEYS 7672 - Workshop in Secondary Education  
 SEYS 7673 - Workshop in Secondary Education  
 SEYS 7674 - Workshop in Secondary Education  
 SEYS 768 - Measurement and Assessment in Education

SEYS 769 - Scientific Approach to Educational Problems  
 SEYS 770 - Scientific Approach to Educational Problems  
 SEYS 771 - Seminar in Research in Educational Foundations.  
 SEYS 772 - Seminar in Research in Educational Foundations  
 SEYS 773 - Seminar in Research in Art Education.  
 SEYS 774 - Seminar in Research in Art Education.  
 SEYS 775 - Seminar in Research in Mathematics Education  
 SEYS 776 - Seminar in Research in Mathematics Education  
 SEYS 777 - Seminar in Research in Science Education I  
 SEYS 778 - Seminar in Research in Science Education II  
 SEYS 779 - Seminar in Research in Psychological Foundations.  
 SEYS 780 - Seminar in Research in Psychological Foundations.  
 SEYS 781 - Seminar in Research in Language Arts.  
 SEYS 782 - Seminar in Research in Language Arts.  
 SEYS 783 - Seminar in Research in the Teaching of Social Studies.  
 SEYS 784 - Seminar in Research in the Teaching of Social Studies  
 SEYS 785 - Seminar Research in Foreign Language Education  
 SEYS 786 - Advanced Seminar in Research in Foreign Language Education.  
 SEYS 787 - Seminar in Action Research in Secondary Education and Technology  
 SEYS 7901 - Independent Study  
 SEYS 7902 - Independent Study  
 SEYS 7903 - Independent Study  
 SEYS 7904 - Independent Study

SEYS 7905 - Independent Study  
 SEYS 7906 - Independent Study  
 SEYS 792 - Developing Algebraic Thinking in the Middle School Classroom  
 SEYS 793 - Mathematical Initiatives and Methods in The Middle Grades  
 SEYS 794 - Mathematical Foundations of the Secondary School Curriculum  
 SEYS 795 - Issues and Applications in Secondary School Algebra  
 SEYS 796 - Mathematics Content, Pedagogy, and Mindset: A Capstone Course  
 SEYSG 550 - Interdisciplinary Teaching Part I  
 SEYSG 551 - Interdis. Tch. Part II  
 SEYSL 700 - Research Investigation for Literacy Instruction I.  
 SEYSL 701 - Historical Foundations of Literacy  
 SEYSL 702 - Literacy in Content Areas.  
 SEYSL 703 - Literacy Instruction for Diverse Learners.  
 SEYSL 704 - Literature across the Curriculum  
 SEYSL 705 - Literacy Instruction: Multiple Perspectives.  
 SEYSL 750 - Literacy Assessment and Instruction  
 SEYSL 751 - Literacy Assessment and Instruction, Part II  
 SEYSL 752 - Consultation, Collaboration, and Literacy Program Renewal  
 SEYSL 755 - Literacy Assessment as Advocacy  
 SEYSL 758 - Instructional Coaching and Professional Development  
 SEYSL 760 - Supervised Practicum with Middle/Junior High School Students.  
 SEYSL 761 - Supervised Practicum with High School Students  
 SEYSL 790 - Research Investigation for Literacy Instruction II

## Sociology Department

For those who major in sociology, the purposes of the department are to introduce students to the sociological perspective in order to enhance their understanding of and participation in society; to prepare students for graduate study in sociology and other social and behavioral sciences, or for graduate and professional studies in social work, law, urban planning, journalism, and related fields; to equip students for junior-level positions in health, education, and welfare, public opinion and market research, or research and administration in large-scale public and private organizations (social science positions beyond the junior level in these areas usually require graduate training); to give students a basic understanding of sociology for teaching in the social sciences.

### Programs

DATA-MA - Data Analytics and Applied Social Research

### Courses

DATA 605 - Introduction to Social Statistics  
 DATA 634 - Social Science Research Methods  
 DATA 701 - The Development of Sociological Theory  
 DATA 702 - Contemporary Sociological Theory  
 DATA 710 - Basic Analytics  
 DATA 711 - Qualitative Methods  
 DATA 712 - Advanced Analytics  
 DATA 716 - Professional Writing and Communication for Social Research  
 DATA 728 - Sociology of Organizations and Industry  
 DATA 734 - Applied Social Research in Marketing I  
 DATA 735 - Applied Social Research in Marketing II  
 DATA 736 - Demography  
 DATA 754 - Applied Social Research I  
 DATA 755 - Applied Social Research II  
 DATA 765 - Special Topics in Research Methods  
 DATA 7881 - Coop Ed Field Placement  
 DATA 7882 - Co-op Ed Field Placement  
 DATA 7883 - Coop Ed Fld Placemnt

DATA 7884 - Coop Ed Fld Placemnt  
 DATA 7885 - Coop Ed Fld Placemnt  
 DATA 7886 - Coop Ed Fld Placemnt  
 DATA 7891 - Internship Soc Res  
 DATA 7892 - Internship Soc Res  
 DATA 7893 - Internship Soc Res  
 DATA 7894 - Internship Soc Res  
 DATA 7895 - Internship Soc Res  
 DATA 7896 - Internship in Social Research  
 DATA 790 - Seminar in Selected Topics in Sociology.  
 DATA 791 - Tutorial  
 DATA 792 - Research  
 DATA 793 - Thesis Research  
 SOC 727 - The Sociology of Organizations: Government and Non-Profits  
 SOC 755 - Applied Social Research II  
 SOC 788 - Cooperative Education Field Placement  
 SOC 789 - Internship in Social Research

## Urban Studies Department

If you Major in Urban Studies at Queens College, you will develop a critical understanding of the issues facing our cities, especially New York City, learn how to do urban-related research and perform urban policy analysis, and develop valuable skills including writing a policy brief, making an interesting oral presentation, and writing a paper that is full of critical insights. These skills will be useful to you in your future career and as an urban citizen.

### Programs

URBN-MA - Urban Affairs

### Courses

URBST 620 - Urban Research Writing  
 URBST 626 - Computer Methods in Urban Policy Analysis  
 URBST 640 - Public Administration

URBST 701 - Urban Politics  
 URBST 702 - Urban Social Movements  
 URBST 703 - Protest Movements in Film



URBST 704 - Religion, Politics, and Urban Society  
 URBST 705 - The Just City in Theory and Practice  
 URBST 706 - Non-Profits in the 21st Century Metropolis  
 URBST 707 - Race, Place and Space  
 URBST 708 - New York City Politics  
 URBST 709 - Urban Security and Insecurity  
 URBST 710 - Urban Sustainability  
 URBST 711 - Urban Infrastructures and Technologies  
 URBST 712 - Urban Labor and Labor Movements  
 URBST 713 - Urban Cultural Diversity.  
 URBST 714 - Social Welfare Policy  
 URBST 715 - Urban Religious Movements  
 URBST 716 - Immigration in Metropolitan New York  
 URBST 717 - Sex and the City  
 URBST 718 - Governing the City  
 URBST 719 - Applications of Social Psychology to Urban Problems.  
 URBST 720 - Race, Ethnicity, and Immigration  
 URBST 721 - Perspectives on the Labor Movement.  
 URBST 722 - Processes of Urbanization  
 URBST 723 - Dynamics of Housing and Homelessness  
 URBST 724 - Public Policy in Practice  
 URBST 725 - Urban Research Methods  
 URBST 726 - The Urban Criminal Justice System in the United States.  
 URBST 727 - Public Management  
 URBST 728 - Non-profit Organization Management  
 URBST 729 - Employment and Labor Law  
 URBST 730 - The Urban Economy: Growth and Problems.  
 URBST 731 - Evaluating Urban Policies  
 URBST 732 - Researching New York City  
 URBST 733 - Planning the Just City  
 URBST 734 - Women, Health, and Society  
 URBST 735 - NYC Land Use Planning Process.  
 URBST 736 - Urban Epidemics: Tuberculosis to AIDS.  
 URBST 737 - U.S. Health System.  
 URBST 738 - Emerging Diseases and Public Policy.  
 URBST 739 - Health Policymaking  
 URBST 740 - Delivery of Public Services.  
 URBST 741 - Labor Unions and Industrial Relations  
 URBST 742 - Public Budgeting  
 URBST 743 - Advocacy, Politics, and Disease  
 URBST 744 - Human Resource Management

URBST 745 - Community Organization  
 URBST 746 - Urban Transportation Policy  
 URBST 747 - Human Resources and Law.  
 URBST 748 - Organizational Behavior and Urban Politics  
 URBST 749 - Urban Education  
 URBST 750 - Contemporary Urban Theory  
 URBST 751 - Critical Perspectives on Urban Research  
 URBST 752 - Women in Urban Society.  
 URBST 753 - Drugs and Criminal Justice  
 URBST 754 - Domestic Violence and Criminal Justice  
 URBST 755 - Community Development and Redevelopment  
 URBST 756 - The Law and Urban Society  
 URBST 758 - Climate Change and Public Policy  
 URBST 759 - Planning and Politics  
 URBST 760 - Selected Topics in Urban Policy and Planning  
 URBST 7601 - Selected Topics in Urban Policy and Planning  
 URBST 7602 - VT: Selected Topics in Urban Policy and Planning  
 URBST 7603 - VT: Selected Topics in Urban Policy and Planning  
 URBST 7604 - VT: Selected Topics in Urban Policy and Planning  
 URBST 7605 - VT: Selected Topics in Urban Policy and Planning  
 URBST 7606 - VT: Selected Topics in Urban Policy and Planning  
 URBST 762 - Jobs and Occupations in Urban Society.  
 URBST 763 - Race, Ethnicity, and Public Policy  
 URBST 765 - Urban Poverty  
 URBST 770 - Roots of the Urban Crisis.  
 URBST 7701 - VT: Roots of the Urban Crisis  
 URBST 7702 - VT: Roots of the Urban Crisis  
 URBST 7703 - VT: Roots of the Urban Crisis  
 URBST 7704 - VT: Roots of the Urban Crisis  
 URBST 7705 - VT: Roots of the Urban Crisis  
 URBST 773 - Labor and Globalization  
 URBST 775 - Changing Urban Institutions  
 URBST 780 - Fieldwork I  
 URBST 781 - Fieldwork II  
 URBST 784 - Research Paper Tutorial  
 URBST 785 - Tutorial  
 URBST 7851 - Tutorial  
 URBST 7852 - Tutorial  
 URBST 7853 - Tutorial  
 URBST 790 - Seminar in Selected Topics in Urban Studies.  
 URBST 791 - Seminar on Research and Writing

## Women and Gender Studies Department

Queens College offers an interdisciplinary major and minor in Women and Gender Studies. The Curriculum is designed to provide students with a solid foundation in the issues and methodologies appropriate for the study of women and gender. Students will examine women's experiences in historical and cultural perspective and explore the ways in which gender intersects with class, sexuality, race, ethnicity, religion, and nation. The program offers a wide range of courses taught by more than 30 faculty members across the disciplines.

## All Programs

### ACCT-MS - Accounting

#### Overview

Institution Code

QNS01

Official Name of Program

Accounting

Plan Code

ACCT-MS

Department(s) Sponsoring Program

Accounting & Information Systems

Career

Graduate

Degree Designation

MS - Master of Science

#### Requirements

Simple Requisites

Major Requirement - Overall

Type

Completion Requirement

Complete ALL of the following Courses:

- ACCT 600 - Financial Accounting Theory and Practice: Part 1
- ACCT 601 - Financial Accounting Theory and Practice: Part 2
- ACCT 602 - Financial Accounting Theory and Practice: Part 3
- ACCT 603 - Concepts of Managerial Accounting

- ACCT 604 - Concepts of Auditing and Computer Auditing
- ACCT 605 - Introduction to Business Law
- ACCT 606 - Federal and New York State Taxes on Income
- CSCI 688 - Advanced Productivity Tools for Business
- ECON 601 - Introduction to Micro and Macro Economics
- ECON 602 - Introduction to Corporate Finance and Money and Banking
- ECON 649 - Statistics as Applied to Economics and Business

Total of 41 credits

Graduate core coursework must be taken in the appropriate sequence, satisfying all prerequisites. Requirements for the Master of Science Degree Students who have successfully completed the graduate core courses above (i.e., with a minimum GPA of 3.0) or possess an undergraduate degree in accounting must then complete at least 30 graduate credits with a minimum overall GPA of 3.0. A minimum grade of C+ must be earned in courses from Accounting (ACCT) in order for the credits to be applied toward the degree. Students must also successfully complete a comprehensive accounting examination, which may be retaken once in the event of initial failure.

Additional Comments:

**Major Requirement - Core**

**Type**

Corequisite

Accounting, Economics, and Risk Management

**Complete ALL of the following Courses:**

- ACCT 712 - Advanced Financial Accounting Theory
- ACCT 723 - Advanced Auditing Theory and Practice
- ACCT 747 - Tax and Accounting Communications
- ACCT 748 - Advanced Accounting Information Systems
- ACCT 757 - Federal Taxation of Business Entities
- ACCT 773 - Government and Non-Profit Accounting and Auditing
- ACCT 785 - Data Analytics for Accountants
- RM 706 - Risk Transfer to Insurance Markets
- ECON 715 - Corporate Finance
- [ACCT748 Adv Acct Info Systms](#). students who have received credit for at least two undergraduate or graduate computer science or information systems courses are exempt from [ACCT748 Adv Acct Info Systms](#). and may choose an additional 3 credit elective from the list below.
- [ACCT773 Gov & Not for Profit Acct&Aud](#). students who have received equivalent undergraduate credit are exempt from this course and must choose an additional 3-credit elective from the list below.
- [ACCT785 Data Analytics for Accountants](#). students who have completed [ACCT385 Data Analytics for Accountants](#), or its equivalent, are exempt from this course and must choose an additional 3-credit course from the list below.
- [ECON715 Corporate Finance](#). students who have completed [BUS341 Intermed Finance](#), or its equivalent, are exempt from this course and must choose an additional 3-credit course from the list below.

Additional Comments:

**Major Requirement - Electives**

**Type**

Completion Requirement

Additional elective classes are available to students who have satisfied one or more of the nine required courses through their previous undergraduate or graduate coursework.

Fulfill ANY of the following requirements:

**Complete ANY of the following Courses:**

- ACCT 707 - Contemporary issues in Management Accounting
- ACCT 751 - Public Interest Law
- ACCT 752 - Advanced Studies in Business Law
- ACCT 758 - State and Local Taxation, and Tax-Exempt Entity
- ACCT 759 - Estate, Gifts and Trust Taxation
- CSCI 688 - Advanced Productivity Tools for Business
- ECON 721 - Econometrics
- [ECON721 Econometrics](#) not available to students that have completed [ECON382 Introduction to Econometrics](#) or equivalent.

OR

Other Economics classes as approved by the MS Accounting graduate program director:

**Complete ANY of the following Courses:**

- HIST 774 - History of American Business
- PHIL 760 - Business Ethics
- PSCI 640 - Public Administration
- PSCI 715 - Organization Theory
- PSYCH 754 - Behavioral Science and Business.

OR

Risk Management classes as approved by the MS Accounting graduate program director:

**Complete ANY of the following Courses:**

- SOC 716 - Profess Writ & Com (Inactive)
- DATA 728 - Sociology of Organizations and Industry
- URBST 727 - Public Management
- URBST 742 - Public Budgeting

Additional Comments:

## ACECE16-AC - Additional Certification in Child Ed 1-6

### Overview

Institution Code

QNS01

Official Name of Program

Additional Certification in Child Ed 1-6

Plan Code

ACECE16-AC

Department(s) Sponsoring Program

Elementary and Early Childhood Education

Career

Graduate

Degree Designation

ADVCPMP - Advanced Certificate Post Master's

## Requirements

### Simple Requisites

#### Certificate Requirements - Special Requirements for Admission

##### Type

Completion Requirement

Admission requirements for the Additional Certification programs include: Initial certification in Early Childhood (B-2), Childhood (Grades 1-6), or Middle Childhood (Grades 5-9); a Master's Degree in Education; Official Transcripts from Graduate Education Program; Minimum 3.0 Graduate GPA; and GRE Score.

Additional Comments:

#### Certificate Requirements - Overall

##### Type

Prerequisite

Complete at least 1 of the following courses:

- EECE 702 - Social Foundations of Education
- EECE 704 - Major Contemporary Issues in Education
- EECE 705 - School and Community Relations

Complete at least 1 of the following courses:

- EECE 710 - Ecological Perspectives on Development: The Early Years
- EECE 711 - Ecological Perspectives on Development: The Childhood Years

Complete ALL of the following Courses:

- EECE 703 - Classroom Realities in Diverse Settings
- EECE 780 - Introduction to Educational Research
- EECE 782 - Teacher as Researcher
- EECE 796 - Exploring Problems in History Through Literature.
- EECE 797 - Queens County as a Learning Lab.
- EECE 798 - Reading and Writing for Learning in Science
- EECE 799 - Exploring Mathematical Ideas Through Literature

Additional Comments:

#### Certificate Requirements - Core

##### Type

Completion Requirement

Complete ALL of the following Courses:

- EECE 545 - Social Studies in the Elementary School
- EECE 550 - Mathematics in the Elementary School
- EECE 555 - Science in the Elementary School
- EECE 567 - Practicum in Elementary Education

Additional Comments:

## ACECEB2-AC - Add Cert in Early Child Ed B-2

### Overview

Institution Code

QNS01

Official Name of Program

Add Cert in Early Child Ed B-2

Plan Code

ACECEB2-AC

Department(s) Sponsoring Program

Elementary and Early Childhood Education

Career

Graduate

Degree Designation

ADV CERPM - Advanced Certificate Post Master's

### Requirements

#### Simple Requisites

#### Certificate Requirements - Overall

##### Type

Completion Requirement

Complete ALL of the following Courses:

- EECE 703 - Classroom Realities in Diverse Settings
- EECE 710 - Ecological Perspectives on Development: The Early Years
- EECE 721 - Professional Issues in Early Childhood
- EECE 722 - Language Development and Multilingualism in Early Childhood
- EECE 724 - Curriculum and Environmental Design for Early Childhood, Part I
- EECE 725 - Curriculum and Environmental Design for Early Childhood, Part II
- EECE 728 - Integrating Expressive Arts into the Early Childhood Curriculum.
- EECE 737 - Infants and Toddlers: Curriculum and Teaching
- EECE 780 - Introduction to Educational Research
- EECE 781 - Inquiry into Teaching.

Note: The Early Childhood Education, B-2 professional certificate program is designed for students with an initial certificate in childhood education, (1-6) or early childhood (B-2). Students are required to have a field placement in

the new certificate area. For students entering the program with NYS provisional certification in Pre-K-6 (this certificate was awarded through February 2, 2004), EECE 730 is not required. Instead, students

Additional Comments:

## AEBIO-AC - Adolescent Education: Biology

### Overview

Institution Code

QNS01

Official Name of Program

Adolescent Education: Biology

Plan Code

AEBIO-AC

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

ADV CERPB - Advanced Certificate Post Baccalaureate

### Requirements

#### Simple Requisites

#### Certificate Requirements - Overall

Type  
Completion Requirement

Earn at least 18 credits

Additional Comments:

Certificate Requirements - Core

Type  
Completion Requirement

Fulfill ALL of the following requirements:

Pedagogical Content Courses

Complete ALL of the following Courses:

- SEYS 753 - Digital Applications in Science and Technology Education
- OR SEYS 754 - Curriculum Innovations in Science Education
- OR SEYS 756 - Mobile Science: Data-Based Decision Making
- SEYS 777 - Seminar in Research in Science Education I
- SEYS 778 - Seminar in Research in Science Education II

AND

Biology Content Courses

Earn at least 9 credits from the following:

- Biology Electives

Additional Comments:

## AEBIO-MSED - Adolescence Education: Biology 7-12

### Overview

Institution Code  
QNS01

Official Name of Program  
Adolescence Education: Biology 7-12

Plan Code  
AEBIO-MSED

Department(s) Sponsoring Program  
Secondary Education and Youth Services

Career  
Graduate

Degree Designation  
MSED - Master of Science in Education

## AECHIN-AC - Adolescent Education: Chinese

### Overview

Institution Code  
QNS01

Official Name of Program  
Adolescent Education: Chinese

Plan Code  
AECHIN-AC

Department(s) Sponsoring Program  
Secondary Education and Youth Services

Career  
Graduate

Degree Designation  
ADVCPB - Advanced Certificate Post Baccalaureate

## AECHM-AC - Adolescent Education: Chemistry

### Overview

Institution Code  
QNS01

Official Name of Program  
Adolescent Education: Chemistry

Plan Code  
AECHM-AC

Department(s) Sponsoring Program  
Secondary Education and Youth Services

Career  
Graduate

Degree Designation  
ADVCPB - Advanced Certificate Post Baccalaureate

### Requirements

Simple Requisites

Certificate Requirements - Overall

Type  
Completion Requirement

Earn at least 18 credits

Additional Comments:

Certificate Requirements - Core

Type  
Completion Requirement

Fulfill ALL of the following requirements:

Pedagogical Content Courses

Complete ALL of the following Courses:

- SEYS 753 - Digital Applications in Science and Technology Education
- OR SEYS 754 - Curriculum Innovations in Science Education
- OR SEYS 756 - Mobile Science: Data-Based Decision Making
- SEYS 777 - Seminar in Research in Science Education I
- SEYS 778 - Seminar in Research in Science Education II

AND

Chemistry Content Courses

Earn at least 9 credits from the following:

- Chemistry Courses

Additional Comments:

## AECHM-MSED - Adolescence Education: Chemistry 7-12

### Overview

Institution Code  
QNS01

Official Name of Program  
Adolescence Education: Chemistry 7-12

**Plan Code**  
AECHM-MSED

**Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career**  
Graduate

**Degree Designation**  
MSED - Master of Science in Education

**Plan Code**  
AEESCI-AC

**Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career**  
Graduate

**Degree Designation**  
ADVCPB - Advanced Certificate Post Baccalaureate

## AEENG-AC - Adolescent Education: English

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Adolescent Education: English

**Plan Code**  
AEENG-AC

**Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career**  
Graduate

**Degree Designation**  
ADVCPB - Advanced Certificate Post Baccalaureate

### Requirements

## AEENG-MSED - Adolescence Education: English 7-12

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Adolescence Education: English 7-12

**Plan Code**  
AEENG-MSED

**Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career**  
Graduate

**Degree Designation**  
MSED - Master of Science in Education

## AEESC-MSED - Adolescence Education: Earth Science 7-12

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Adolescence Education: Earth Science 7-12

**Plan Code**  
AEESC-MSED

**Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career**  
Graduate

**Degree Designation**  
MSED - Master of Science in Education

## AEESCI-AC - Adolescent Education: Earth Science

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Adolescent Education: Earth Science

### Requirements

#### Simple Requisites

**Certificate Requirements - Overall**

**Type**  
Completion Requirement

Earn at least 18 credits

**Additional Comments:**

**Certificate Requirements - Core**

**Type**  
Completion Requirement

**Fulfill ALL of the following requirements:**

Pedagogical Content Courses

**Complete ALL of the following Courses:**

- SEYS 753 - Digital Applications in Science and Technology Education
- **OR** SEYS 754 - Curriculum Innovations in Science Education
- **OR** SEYS 756 - Mobile Science: Data-Based Decision Making
- SEYS 777 - Seminar in Research in Science Education I
- SEYS 778 - Seminar in Research in Science Education II

————— AND —————

Earth Science Content Courses

**Earn at least 9 credits from the following:**

- Geology Courses
- Astronomy Courses
- Environmental Science Courses

**Additional Comments:**

## AEFRN-AC - Adolescent Education: French

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Adolescent Education: French

**Plan Code**  
AEFRN-AC

**Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career**  
Graduate

**Degree Designation**  
ADVCPB - Advanced Certificate Post Baccalaureate

## AEFRN-MSED - Adolescence Education: French 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Adolescence Education: French 7-12

Plan Code

AEFRN-MSED

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

MSED - Master of Science in Education

### Requirements

#### Simple Requisites

#### Major Requirements - Special Requirements to Admission

Type

Completion Requirement

A strong undergraduate concentration in the language of specialization consisting of at least 21 credits above course 204.

Fulfill ANY of the following requirements:

An undergraduate minor in Secondary Education.

OR

Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 552 - Educational Psychology
- SEYS 564 - Methods of Teaching Foreign Language in Middle and High School
- SEYS 5744 - Student Teaching in Foreign Language for Secondary School
- SEYS 584 - Standards-Based Curriculum and Assessment in Teaching Foreign Language
- SEYS 700 - Language, Literacy, and Culture in Education.

Additional Comments:

#### Major Requirements - Overall

Type

Completion Requirement

Earn at least 30 credits

Six courses (18 credits) in the Major Language and Four courses (12 credits) in Secondary Education.

Additional Comments:

#### Major Requirements - Core

Type

Completion Requirement

Major Language

Complete ALL of the following Course Sets:

- Major Language French Courses

Two courses (6 cr.) in Language and Linguistics.

Four courses (12 cr.) in Literature and Civilization.

Secondary Education

Fulfill ALL of the following requirements:

Foundations of Education

Complete at least 1 of the following courses:

- SEYS 701 - A History of Ideas in Education.
- SEYS 702 - The History of Education in the United States.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices
- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 705 - School and Society
- SEYS 706 - Globalization and Comparative Education
- SEYS 707 - Major Issues in Education
- SEYS 708 - Seminar in Theoretical Study of Education.

AND

Psychological Foundations

Complete at least 1 of the following courses:

- SEYS 709 - Humanistic Psychology: Educational Applications.
- SEYS 710 - The Psychology of Adolescence
- SEYS 717 - Learning Theory in Education.
- SEYS 718 - Classroom Management
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools
- SEYS 768 - Measurement and Assessment in Education

AND

Complete ALL of the following Courses:

- SEYS 743 - Curriculum and Instruction in Foreign Language Education
- SEYS 785 - Seminar Research in Foreign Language Education

Additional Comments:

Students should meet with the graduate advisor as soon as possible to plan their program of study and submit it for approval.

## AEITA-AC - Adolescent Education: Italian

### Overview

Institution Code

QNS01

Official Name of Program

Adolescent Education: Italian

Plan Code

AEITA-AC

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

ADVCPBPB - Advanced Certificate Post Baccalaureate

## Requirements

### Simple Requisites

#### Certificate Requirements - Overall

##### Type

Completion Requirement

Complete at least 6 of the following courses:

- ITAL 701 - History of the Italian Language
- ITAL 704 - Problems in Italian Language
- ITAL 707 - Humanism and the Renaissance
- ITAL 713 - Dante's Divina Commedia
- ITAL 722 - Machiavelli and Guicciardini: Historians, Men of Letters, and Political Thinkers
- ITAL 723 - Italian Literature in the Age of the Baroque
- ITAL 725 - Italian Comedy from the Renaissance to the End of the Eighteenth Century
- ITAL 726 - Aspects of Nineteenth- and Twentieth-Century Theatre
- ITAL 752 - The Art and Humanism of Manzoni
- ITAL 753 - Leopardi and Foscolo
- ITAL 755 - Contemporary Italian Poetry
- ITAL 761 - Italian Literary Criticism since 1870
- ITAL 762 - The Modern Italian Novel
- ITAL 763 - The Contemporary Italian Novel
- ITAL 778 - Advanced Translation in Italian.
- ITAL 779 - Studies in Italian Cinema and Media
- ITAL 780 - Trends and Events in Italian Civilization.
- ITAL 782 - Studies in Italian Literature and Culture
- MEDST 745 - Advertising & Marketing

The certificate consists of 18 credits, 6 of which are required (Italian 781, Methodology and Italian, and 793 Capstone, Made in Italy: Culture, Arts, Technology).

Additional Comments:

## AEITA-MSED - Adolescence Education: Italian 7-12

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Adolescence Education: Italian 7-12

#### Plan Code

AEITA-MSED

#### Department(s) Sponsoring Program

Secondary Education and Youth Services

#### Career

Graduate

#### Degree Designation

MSED - Master of Science in Education

## Requirements

### Simple Requisites

#### Major Requirements - Special Requirements to Admission

##### Type

Completion Requirement

A strong undergraduate concentration in the language of specialization consisting of at least 21 credits above course 204.

Fulfill ANY of the following requirements:

An undergraduate minor in Secondary Education.

OR

Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 552 - Educational Psychology
- SEYS 564 - Methods of Teaching Foreign Language in Middle and High School
- SEYS 5744 - Student Teaching in Foreign Language for Secondary School
- SEYS 584 - Standards-Based Curriculum and Assessment in Teaching Foreign Language
- SEYS 700 - Language, Literacy, and Culture in Education.

Additional Comments:

#### Major Requirements - Overall

##### Type

Completion Requirement

Earn at least 30 credits

Six courses (18 credits) in the Major Language and Four courses (12 credits) in Secondary Education.

Additional Comments:

#### Major Requirements - Core

##### Type

Completion Requirement

Major Language

Complete ALL of the following Course Sets:

- Major Language Italian Courses

Two courses (6 cr.) in Language and Linguistics.

Four courses (12 cr.) in Literature and Civilization.

Secondary Education

Fulfill ALL of the following requirements:

Foundations of Education

Complete at least 1 of the following courses:

- SEYS 701 - A History of Ideas in Education.
- SEYS 702 - The History of Education in the United States.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices
- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 705 - School and Society
- SEYS 706 - Globalization and Comparative Education
- SEYS 707 - Major Issues in Education
- SEYS 708 - Seminar in Theoretical Study of Education.

AND

Psychological Foundations

Complete at least 1 of the following courses:

- SEYS 709 - Humanistic Psychology: Educational Applications.
- SEYS 710 - The Psychology of Adolescence
- SEYS 717 - Learning Theory in Education.
- SEYS 718 - Classroom Management
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools
- SEYS 768 - Measurement and Assessment in Education

AND

Complete ALL of the following Courses:

- SEYS 743 - Curriculum and Instruction in Foreign Language Education
- SEYS 785 - Seminar Research in Foreign Language Education

**Additional Comments:**  
Students should meet with the graduate advisor as soon as possible to plan their program of study and submit it for approval.

## AEMAT-AC - Adolescent Education: Mathematics

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Adolescent Education: Mathematics

<b>Plan Code</b> AEMAT-AC	<b>Department(s) Sponsoring Program</b> Secondary Education and Youth Services
<b>Career</b> Graduate	<b>Degree Designation</b> ADVCERP - Advanced Certificate Post Baccalaureate

### Requirements

#### Simple Requisites

**Certificate Requirements - Overall**

Type  
Completion Requirement

Earn at least 15 credits

**Additional Comments:**

**Certificate Requirements - Core**

Type  
Completion Requirement

Fulfill ALL of the following requirements:

Pedagogical Content Courses

Complete ALL of the following Courses:

- SEYS 751 - Mathematics in the Secondary School.
- SEYS 775 - Seminar in Research in Mathematics Education

AND

Mathematics Content Courses

Complete ALL of the following Courses:

- MATH 505 - Mathematical Problem Solving
- MATH 509 - Elementary Set Theory
- MATH 524 - History of Mathematics

**Additional Comments:**

## AEMAT-MSED - Adolescence Education: Mathematics 7-12

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Adolescence Education: Mathematics 7-12

<b>Plan Code</b> AEMAT-MSED	<b>Department(s) Sponsoring Program</b> Secondary Education and Youth Services
<b>Career</b> Graduate	<b>Degree Designation</b> MSED - Master of Science in Education

### Requirements

#### Simple Requisites

**Major Requirements - Overall**

Type  
Completion Requirement

Earn at least 30 credits

**Additional Comments:**

**Major Requirements - Core**

Type  
Completion Requirement

Historical, Philosophical, and Social Foundations of Education:

Complete at least 1 of the following courses:

- SEYS 701 - A History of Ideas in Education.
- SEYS 702 - The History of Education in the United States.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices
- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 705 - School and Society
- SEYS 706 - Globalization and Comparative Education
- SEYS 707 - Major Issues in Education
- SEYS 708 - Seminar in Theoretical Study of Education.
- SEYS 720 - The Education of Immigrants' Children in the United States.



Psychology Foundations

Complete at least 1 of the following courses:

- SEYS 709 - Humanistic Psychology: Educational Applications.
- SEYS 710 - The Psychology of Adolescence
- SEYS 717 - Learning Theory in Education.
- SEYS 718 - Classroom Management
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools

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Curriculum Methods in Secondary Math Education:

Complete ALL of the following Courses:

- SEYS 751 - Mathematics in the Secondary School.

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Research

Complete ALL of the following Courses:

- SEYS 775 - Seminar in Research in Mathematics Education
- SEYS 776 - Seminar in Research in Mathematics Education

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Computer Science Courses

Complete ALL of the following Courses:

- CSCI 611 - Advanced Programming in C++
- CSCI 612 - Advanced Programming in Java
- CSCI 613 - Data Structures
- CSCI 620 - Discrete Structures
- CSCI 640 - Computer Organization and Assembly Language
- CSCI 655 - Internet and Web Technologies

Additional Comments:

Additional Comments:

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Certificate Requirements - Overall

Type

Completion Requirement

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Earn at least 21 credits

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Earn a minimum GPA of 3.0

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Additional Comments:

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Certificate Requirements - Core

Type

Completion Requirement

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Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 700 - Language, Literacy, and Culture in Education.
- ECPSE 550 - Foundations of Special Education
- SEYS 562 - Methods of Teaching Science in Middle and High School
- SEYS 552 - Educational Psychology
- SEYS 5722 - Student Teaching I in Science for Secondary School (7-12)
- SEYS 5742 - Initial Clinical Experience in Foreign Language for Secondary School
- SEYS 582 - Standards-Based Curriculum and Assessment in Teaching Science

Additional Comments:

## AEPHY-AC - Adolescent Education: Physics

### Overview

Institution Code

QNS01

Official Name of Program

Adolescent Education: Physics

Plan Code

AEPHY-AC

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

ADVCPBPB - Advanced Certificate Post Baccalaureate

### Requirements

#### Simple Requisites

Certificate Requirements - Admission

Type

Completion Requirement

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Applicant must have a minimum GPA of 3.0 and a major in a traditional science or at least 30 credits in one traditional science discipline (baccalaureate or latest degree). The balance of the science credits required for NYSED certification (36 credits, total, with a minimum of 30 credits of the 36 credits in one science) must be taken before a candidate is approved for certification. A minimum grade of B is required in 562 and student teaching.

## AEPHY-MSED - Adolescence Education: Physics 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Adolescence Education: Physics 7-12

Plan Code

AEPHY-MSED

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

MSED - Master of Science in Education

## AESPA-AC - Adolescent Education: Spanish

### Overview

Institution Code

QNS01

Official Name of Program

Adolescent Education: Spanish

Plan Code

AESPA-AC

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

ADVCPBPB - Advanced Certificate Post Baccalaureate

# AESPA-MSED - Adolescence Education: Spanish 7-12

## Overview

Institution Code

QNS01

Official Name of Program

Adolescence Education: Spanish 7-12

Plan Code

AESPA-MSED

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

MSED - Master of Science in Education

## Requirements

### Simple Requisites

#### Major Requirements - Special Requirements to Admission

Type

Completion Requirement

Strong undergraduate concentration in Spanish, consisting of at least 21 credits above SPAN 204.

Fulfill ANY of the following requirements:

An undergraduate minor in Secondary Education

OR

Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 552 - Educational Psychology
- SEYS 564 - Methods of Teaching Foreign Language in Middle and High School
- SEYS 5744 - Student Teaching in Foreign Language for Secondary School
- SEYS 584 - Standards-Based Curriculum and Assessment in Teaching Foreign Language
- SEYS 700 - Language, Literacy, and Culture in Education.

#### Additional Comments:

Students should meet with the Graduate Advisors in both the Department of Secondary Education and the Department of Hispanic Languages and Literatures as soon as possible to plan their program of study and submit it for approval.

#### Major Requirements - Overall

Type

Completion Requirement

Earn at least 33 credits

15 credits of 700-level education coursework and 18 credits of 700-level coursework in Spanish

Earn a minimum grade of 3

A minimum of 3.0 is required to enter and remain in the program.

As an exit requirement candidates will complete a professional portfolio based on INTASC World Language Standards and Queens College conceptual framework (3 Es) to represent all content in MSED. The candidate will also defend the portfolio with a panel of faculty members.

#### Additional Comments:

All candidates have a portfolio exit requirement.

#### Major Requirements - Core

Type

Completion Requirement

Secondary Education

Fulfill ALL of the following requirements:

Foundations of Education

Complete at least 1 of the following courses:

- SEYS 701 - A History of Ideas in Education.
- SEYS 702 - The History of Education in the United States.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices
- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 705 - School and Society
- SEYS 706 - Globalization and Comparative Education
- SEYS 707 - Major Issues in Education
- SEYS 708 - Seminar in Theoretical Study of Education.
- SEYS 720 - The Education of Immigrants' Children in the United States.

AND

Psychological Foundations

Complete at least 1 of the following courses:

- SEYS 709 - Humanistic Psychology: Educational Applications.
- SEYS 710 - The Psychology of Adolescence
- SEYS 717 - Learning Theory in Education.
- SEYS 718 - Classroom Management
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools
- SEYS 768 - Measurement and Assessment in Education

AND

Complete ALL of the following Courses:

- SEYS 743 - Curriculum and Instruction in Foreign Language Education
- SEYS 785 - Seminar Research in Foreign Language Education
- SEYS 786 - Advanced Seminar in Research in Foreign Language Education.

Spanish Graduate Program

Complete ALL of the following Course Sets:

- Major Language Spanish Courses

Two courses (6 cr.) in Language and Linguistics, including SPAN 700.

Three courses (9 cr.) in Literature.

One course (3 cr.) in Culture and Civilization. This requirement may be met by either SPAN 772 or 774.

Additional Comments:

## AESST-AC - Adolescent Education: Social Studies

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Adolescent Education: Social Studies

**Plan Code** AESST-AC      **Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career** Graduate      **Degree Designation**  
ADVCERP - Advanced Certificate Post Baccalaureate

## AESST-MSED - Adolescence Education: Social Studies 7-12

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Adolescence Education: Social Studies 7-12

**Plan Code** AESST-MSED      **Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career** Graduate      **Degree Designation**  
MSED - Master of Science in Education

## ALTRNB-MAT - Alternative Transitional B: TESOL

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Alternative Transitional B: TESOL

**Plan Code** ALTRNB-MAT      **Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career** Graduate      **Degree Designation**  
MAT - Master of Arts in Teaching

## APLITCY-MS - Applied Literacy (non-cert)

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Applied Literacy (non-cert)

**Plan Code** APLITCY-MS      **Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career**  
Graduate

**Degree Designation**  
MS - Master of Science

## ART-MSED - Art Education

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Art Education

**Plan Code** ART-MSED      **Department(s) Sponsoring Program**  
Secondary Education and Youth Services

**Career** Graduate      **Degree Designation**  
MSED - Master of Science in Education

### Requirements

#### Simple Requisites

**Major Requirements - Special Requirements for Admission**

**Type**  
Prerequisite

Applicants must have the equivalent of 20 credits in studio art and at least 6 credits in art history, including a general survey of Western Art. The minimum grade-point average acceptable in these courses is B (3.0).

Two letters of recommendation and a 500-word statement of purpose are required. In addition, the applicant must submit a portfolio of artwork consisting of 15 slides. The following information about each slide must be provided on a separate page: title (if any), size, material, and date. (Photos or other flat images, no larger than 10 x 13 inches may also be included and may be substituted for some of the slides).

Students should consult the listing under Secondary Education & Youth Services for education requirements for admission.

Additional Comments:

**Major Requirements - Overall**

**Type**  
Completion Requirement

Earn at least 30 credits

Additional Comments:

**Major Requirements - Secondary Education Courses**

**Type**  
Completion Requirement

Fulfill ALL of the following requirements:

Historical, Philosophical, Social Foundations of Education

Complete at least 1 of the following courses:

- SEYS 701 - A History of Ideas in Education.
- SEYS 702 - The History of Education in the United States.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices

- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 705 - School and Society
- SEYS 706 - Globalization and Comparative Education
- SEYS 707 - Major Issues in Education
- SEYS 708 - Seminar in Theoretical Study of Education.
- SEYS 720 - The Education of Immigrants' Children in the United States.

AND

Psychological Foundations

Complete at least 1 of the following courses:

- SEYS 709 - Humanistic Psychology: Educational Applications.
- SEYS 710 - The Psychology of Adolescence
- SEYS 717 - Learning Theory in Education.
- SEYS 718 - Classroom Management
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools

AND

Curriculum Methods in Secondary Education

Earn at least 3 credits

3-6 credits chosen from the set of courses appropriate to the content area

AND

Research

Earn at least 6 credits

Chosen from the sequence of courses appropriate to the content area

Additional Comments:

Major Requirements - Art Courses

Type

Completion Requirement

Art History Courses

Earn at least 3 credits from the following:

- ARTH 501 - The Language Of Art
- ARTH 502 - Vt: Topics in Ancient Art
- ARTH 503 - Vt: Medievalart
- ARTH 504 - Vt: Renaissance & Baroque Art
- ARTH 505 - Variable Topics: Modern Art
- ARTH 506 - Vt: Art Of The U.S.
- ARTH 507 - Vt: Asian Art
- ARTH 508 - Vt: Art Of Americas
- ARTH 556 - Indp Stdy: Art Hist

One course must be in art history, to be chosen from 500- and 700-level course offerings.

Studio Art Courses

Earn at least 12 credits from the following:

- ARTS 603 - Advanced Design Studio
- ARTS 607 - Advanced Drawing Studio I
- ARTS 608 - Advanced Drawing Studio II

- ARTS 609 - Advanced Painting
- ARTS 610 - Graphic Design I, II
- ARTS 611 - Graphic Design I and II
- ARTS 612 - Advanced Sculpture Studio
- ARTS 6203 - Special Projects in Design
- ARTS 6213 - Special Projects in Fine Arts

With permission of the graduate advisor, students may take ARTS 620.3, Special Projects in Design, and ARTS 621.3, Special Projects in Fine Arts. Without obtaining permission of the graduate advisor, students may take any offering in the MFA program, with the exception of courses in the ARTS 721 and 722 series, which are not open to Master of Science in Education students.

Additional Comments:

Any of the art history courses may be taken for credit toward the degree of Master of Science in Education. Courses on the 500 level are primarily arranged for students in this program; these courses are also open to qualified undergraduates who have had two courses in art history. Courses on the 700 level (see above) are designed for art history students who have a reading knowledge of foreign languages and research skills. MS in Education candidates must obtain permission of the instructor before registering in these courses.

## ARTED-AC - Art Education

### Overview

Institution Code

QNS01

Official Name of Program

Art Education

Plan Code

ARTED-AC

Career

Graduate

Department(s) Sponsoring Program

Secondary Education and Youth Services

Degree Designation

ADVCPBPB - Advanced Certificate Post Baccalaureate

### Requirements

Simple Requisites

Certification Requirements - Overall

Type

Completion Requirement

Fulfill ALL of the following requirements:

Earn at least 24 credits

AND

Earn a minimum GPA of 3.0

Additional Comments:

Certification Requirements - Core

Type

Completion Requirement

Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 700 - Language, Literacy, and Culture in Education.
- SEYS 552 - Educational Psychology
- ECPSE 550 - Foundations of Special Education
- EECE 711 - Ecological Perspectives on Development: The Childhood Years
- SEYS 533 - Methods of Teaching the Visual Arts, Pre-K-12th grade
- SEYS 565 - Methods of Standards-based Curriculum and Assessment in Teaching the Visual Arts
- SEYS 575 - Supervised Student Teaching I in Visual Arts I
- SEYS 576 - Supervised Student Teaching in Visual Arts II

Additional Comments:

## ARTED-MAT - Adolescent Visual Art Education All Grades

### Overview

Institution Code  
QNS01

Official Name of Program  
Adolescent Visual Art Education All Grades

Plan Code  
ARTED-MAT

Department(s) Sponsoring Program  
Secondary Education and Youth Services

Career  
Graduate

Degree Designation  
MAT - Master of Arts in Teaching

### Requirements

#### Simple Requisites

Major Requirements - Overall  
Type  
Completion Requirement

Earn at least 42 credits

Additional Comments:

Major Requirements - Core Courses  
Type  
Completion Requirement

Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 552 - Educational Psychology

Complete at least 1 of the following courses:

- SEYS 560 - Methods of Teaching English in Middle and High School
- SEYS 561 - Methods of Teaching Mathematics in Middle and High School
- SEYS 562 - Methods of Teaching Science in Middle and High School
- SEYS 563 - Methods of Teaching Social Studies in Middle and High School
- SEYS 564 - Methods of Teaching Foreign Language in Middle and High School

- SEYS 565 - Methods of Standards-based Curriculum and Assessment in Teaching the Visual Arts
- EECE 533 - Advanced Methods in Teaching Elementary Art, Pre-K-6

Complete at least 1 of the following courses:

- SEYS 5702 - Initial Clinical Experience in English for Secondary School
- SEYS 5712 - Initial Clinical Experience in Mathematics for Secondary School
- SEYS 5732 - Student Teaching I in Secondary Social Studies
- SEYS 5742 - Initial Clinical Experience in Foreign Language for Secondary School

Complete at least 1 of the following courses:

- SEYS 5704 - Student Teaching in English for Secondary School
- SEYS 5724 - Student Teaching II in Science for Secondary School (7-12)
- SEYS 5734 - Student Teaching II in Secondary Social Studies
- SEYS 5744 - Student Teaching in Foreign Language for Secondary School

Complete at least 1 of the following courses:

- SEYS 580 - Standards-Based Curriculum and Assessment in Teaching English
- SEYS 581 - Standards-Based Curriculum and Assessment in Teaching Mathematics
- SEYS 582 - Standards-Based Curriculum and Assessment in Teaching Science
- SEYS 583 - Standards-Based Curriculum and Assessment in Teaching Social Studies
- SEYS 584 - Standards-Based Curriculum and Assessment in Teaching Foreign Language

Complete ALL of the following Courses:

- SEYS 700 - Language, Literacy, and Culture in Education.
- ECPSE 550 - Foundations of Special Education

Additional Comments:

Major Requirements - Content Courses  
Type  
Completion Requirement

Pedagogical Content Courses

Earn at least 6 credits from the following:

- SEYS 712 - Workshop in Visual Thinking
- SEYS 724 - Teaching as Social Practice in the Arts
- SEYS 725 - Community and Culture in Art Education
- SEYS 727 - Topics in Art Education
- SEYS 732 - Seminar in Art Education
- SEYS 773 - Seminar in Research in Art Education.

Content Courses

Earn at least 9 credits from the following:

- ARTH 501 - The Language Of Art
- ARTH 502 - Vt: Topics in Ancient Art

- ARTH 503 - Vt: Medievalart
- ARTH 504 - Vt: Renaissance & Baroque Art
- ARTH 505 - Variable Topics: Modern Art
- ARTH 506 - Vt: Art Of The U.S.
- ARTH 508 - Vt: Art Of Americas
- ARTH 556 - Indp Stdy: Art Hist
- ARTS 603 - Advanced Design Studio
- ARTS 607 - Advanced Drawing Studio I
- ARTS 608 - Advanced Drawing Studio II
- ARTS 609 - Advanced Painting
- ARTS 610 - Graphic Design I, II
- ARTS 611 - Graphic Design I and II
- ARTS 612 - Advanced Sculpture Studio
- ARTS 620 - Special Projects in Design (Inactive)
  
- ARTS 600 / ARTH 500 (Total of 9 credits from 500- and 600-level Art and Art History courses)

Additional Comments:

## ARTH-MA - Art History

### Overview

Institution Code  
QNS01

Official Name of Program  
Art History

Plan Code Department(s) Sponsoring Program  
ARTH-MA Art

Career Degree Designation  
Graduate MA - Master of Arts

### Requirements

#### Simple Requisites

#### Major Requirements - Special Requirements for Admission

Type  
Prerequisite

The applicant must be approved by the department's Committee on Graduate Study in Art History, which has the authority to recommend acceptance or rejection to the Office of Graduate Admissions. In making its selection, the committee will consider such factors as breadth and depth of preparation, level of achievement, and the suitability of the applicant's interests to the curriculum.

Applicants must have completed a minimum of four courses (normally 12 credits) in art history beyond the introductory level.

Applicants must have completed at least two documented semesters of college-level study of a foreign language or the equivalent; equivalencies will be determined by the graduate committee. Applicants whose native language is not English may satisfy the first foreign language requirement with a TOEFL score of 575 or higher.

A student may be conditionally admitted with the stipulation that any deficiencies in preparation be removed in the first year.

Additional Comments:

#### Major Requirements - Overall

Type  
Completion Requirement

Additional Comments:

#### Major Requirements - Core

Type  
Completion Requirement

Complete ALL of the following Courses:

- ARTH 740 - Art History Methods Colloquium

Additional Comments:

#### Major Requirements - Examination

Type  
Completion Requirement

Successful completion of the Art History Qualifying Exam (normally taken within the first semester of matriculation). The exam is intended to demonstrate a general knowledge of the major monuments in the history of art.

Additional Comments:

#### Major Requirements - Specialization

Type  
Completion Requirement

Complete at least 1 of the following:

Research Track

Fulfill ALL of the following requirements:

Electives

Earn at least 24 credits

Art History Electives (24-27 cr.). Students must pass at least one course in three of five broad areas: Ancient, Medieval, Renaissance-Baroque, Modern-Contemporary, and Asia/Americas. Two courses must be seminars. Students may opt to take two graduate courses (6 cr.) in allied disciplines such as History, Literature, and Media Studies.

AND

Demonstration of proficiency in two foreign languages relevant to art historical research and scholarship.

AND

A Master's Thesis proposal prepared under the supervision of the student's MA thesis advisor (a full time faculty member in the department) and approved by all full-time members of the faculty.

AND

A Master's Thesis (3 cr.). The thesis is an original, lengthy art historical argument supported by extensive research in primary and secondary sources. It is written under the supervision of a faculty advisor and approved by both the faculty advisor and a second reader.

OR

Professional Track

Fulfill ALL of the following requirements:

Electives

Earn at least 27 credits

Art History Electives (27-30 cr.). Students must pass at least one course in three of five broad areas: Ancient, Medieval, Renaissance-Baroque, Modern-Contemporary, and Asia/Americas. Two courses must be seminars. Students may opt to take two graduate courses (6 cr.) in allied disciplines such as History, Literature, and Media Studies.

Additional Comments:

Earn an average GPA of 3.0

Participation in the program is usually full-time, and the degree is normally completed within two years (exceptions may be granted by the Committee).

Students will do all their creative work on campus except by permission of the Committee.

Additional Comments:

## ARTS-MFA - Studio Art

### Overview

Institution Code

QNS01

Official Name of Program

Studio Art

Plan Code

ARTS-MFA

Department(s) Sponsoring Program

Art

Career

Graduate

Degree Designation

MFA - Master of Fine Arts

### Requirements

Simple Requisites

Major Requirements - Special Requirements for Admission

Type

Prerequisite

In addition to three letters of reference, each candidate for admission shall submit a portfolio of work as prescribed by the committee (as jpegs). This portfolio shall be examined by the committee, which shall have the authority to accept or reject the candidate.

Undergraduate study should consist of at least 30 credits in art; students shall have taken the equivalent of a two-semester survey course plus two elective courses in the history of art.

Applicants must demonstrate satisfactory standards of spoken and written English. For applicants whose first language is not English: (a) Interviews are required of those applicants who hold an undergraduate or graduate degree from an accredited American institution of higher education; (b) All other applicants must submit proof of having achieved a score of 600 or higher on the Test of English as a Foreign Language (TOEFL).

Additional Comments:

Major Requirements - Overall

Type

Completion Requirement

Earn at least 54 credits

Major Requirements - Core

Type

Completion Requirement

Complete ALL of the following Courses:

- ARTS 724 - Contemporary Issues in the Visual Arts

Seminar Courses

Earn at least 6 credits from the following:

- ARTS 730 - Seminar in Problems of New Forms
- ARTS 731 - Seminar in Problems of Representation
- Each with a different topic.

MFA Graduate Seminar

Complete ALL of the following Courses:

- ARTS 7211 - Painting and/or Mixed Media I
- ARTS 7212 - Painting and/or Mixed Media II
- ARTS 7213 - Painting and/or Mixed Media III
- ARTS 7214 - Painting and/or Mixed Media IV

MFA Writing Seminar

Complete ALL of the following Courses:

- ARTS 723 - Master of Fine Arts Writing Seminar

Earn at least 12 credits

Individual Studio Practice.

Earn at least 6 credits

continuation of individual studio work or additional electives or seminars.

Additional Comments:

Major Requirements - Electives

Type

Completion Requirement

Earn at least 6 credits

Two courses in the history of art.

Complete at least 2 of the following courses:

- ARTS 7271 - Printmaking
- ARTS 7272 - Photography
- ARTS 728 - Sculpture Techniques

to be selected with departmental approval.

Additional Comments:

**Major Requirements - Thesis****Type**

Completion Requirement

Each candidate for the MFA is required to submit for the record documentation of his or her Thesis Project that elaborates upon and/or depicts in printed or digital form the student's research, which will be kept on file for future reference at the Queens College Art Library. The dimensions and content of the document will be defined by the candidate and advisor in scheduled meetings.

**Additional Comments:****Major Requirements - Specialization****Type**

Completion Requirement

Students may declare a concentration in the areas of Painting, Sculpture, Installation, Photography, Ceramics, Media, Social Practice Art. This designation will be registered in the Art Office.

Student work in the specialized area shall be reviewed and graded by the MFA Committee each semester. The Committee shall be authorized to approve or reject a student for continuation in the program, to place a student on probation, and to approve a student for the MFA degree.

**Additional Comments:**

Student work in the specialized area shall be reviewed and graded by the MFA Committee each semester. The committee shall be authorized to approve or reject a student for continuation in the program, to place a student on probation, and to approve a student for the MFA degree.

## ASE712-MAT - Adolescent Science Education Grades 7-12

**Overview****Institution Code**

QNS01

**Official Name of Program**

Adolescent Science Education Grades 7-12

**Plan Code**

ASE712-MAT

**Department(s) Sponsoring Program**

Secondary Education and Youth Services

**Career**

Graduate

**Degree Designation**

MAT - Master of Arts in Teaching

**Requirements**

## BEHANL-AC - Applied Behavioral Analysis

**Overview****Institution Code**

QNS01

**Official Name of Program**

Applied Behavioral Analysis

**Plan Code**

BEHANL-AC

**Department(s) Sponsoring Program**

Psychology

**Career**

Graduate

**Degree Designation**
 ADVCERP - Advanced Certificate Post  
 Baccalaureate
**Requirements****Simple Requisites****Major Requirements - Admission Requirements****Type**

Prerequisite

**Additional Comments:**

Applicants for admission must possess a BA or BS degree (but are strongly encouraged to have a Master's degree) with an earned grade-point average of at least 3.0 (B). Maintenance of a GPA of at least 3.0 through the entire program is required. Additionally, applicants will be required to have some background in psychology (i.e., courses in learning, advanced experimental psychology, developmental disabilities, behavior analysis, etc.). Background in special education and/or field-based experience in behavior analysis are an added strength. The GRE is NOT required, but students for whom English is not a native language must show a score of 600 or higher on the TOEFL.

Transfer credits from other programs will not be applied to the completion of this program.

**Major Requirements - Overall****Type**

Completion Requirement

Earn at least 18 credits

Earn a minimum average of 3.0

**Additional Comments:****Major Requirements - Courses****Type**

Completion Requirement

**Complete ALL of the following Courses:**

- PSYCH 73001 - Theory and Method in Applied Behavior Analysis I
- PSYCH 73005 - Applied Behavior Analysis: Measurement and Applied Project I
- PSYCH 7713 - Ethical Issues in Psychology
- PSYCH 73002 - Theory and Method in Applied Behavior Analysis II
- PSYCH 73006 - Applied Behavior Analysis: Measurement and Applied Project II
- PSYCH 72005 - Autism
- **OR** PSYCH 7913 - VT: Seminar in Selected Topics in Psychology

**Additional Comments:**

## BEHANL-MA - Applied Behavior Analysis

**Overview****Institution Code**

QNS01

**Official Name of Program**

Applied Behavior Analysis



Plan Code BEHANL-MA	Department(s) Sponsoring Program Psychology
Career Graduate	Degree Designation MA - Master of Arts

## Requirements

### Simple Requisites

#### Major Requirements - Overall

##### Type

Completion Requirement

Earn at least 36 credits

##### Additional Comments:

#### Major Requirements - Required courses

##### Type

Completion Requirement

##### Complete ALL of the following Courses:

- PSYCH 705 - Statistical Methods in Psychology I
- PSYCH 72005 - Autism
- PSYCH 730 - Psychology of Learning
- PSYCH 73001 - Theory and Method in Applied Behavior Analysis I
- PSYCH 73002 - Theory and Method in Applied Behavior Analysis II
- PSYCH 73005 - Applied Behavior Analysis: Measurement and Applied Project I
- PSYCH 73006 - Applied Behavior Analysis: Measurement and Applied Project II
- PSYCH 7713 - Ethical Issues in Psychology
- PSYCH 7913 - VT: Seminar in Selected Topics in Psychology
- PSYCH 795 - Fieldwork Project in Applied Behavior Analysis

##### Additional Comments:

#### Major Requirements - Electives

##### Type

Completion Requirement

Earn at least 9 credits

The majority of elective courses must be Applied Behavior Analysis courses, and up to 6 credits of the 9 total can come from non-Applied Behavior Analysis courses.

##### Additional Comments:

Qualifying students may have the option to complete a thesis to substitute for a portion of the elective courses.

1) 3 credits of electives and 6 credits of independent thesis work with a faculty mentor. The 6-credit thesis must receive approval by a committee of two faculty members (faculty mentor and reader) prior to beginning research and must be defended upon completion to the same committee.

2) 6 credits of electives and 3 credits of thesis work with a faculty mentor that is an elaboration of 730.05-730.06 practicum courses with a faculty advisor and 6 credits of elective courses.

A Master's Thesis is a written document describing a research study conducted by a student. All thesis research must be approved by the IRB prior to data collection.

Qualifications for completing a thesis: high GPA (3.5 or higher), active engagement in research prior to thesis (e.g., attendance at lab meetings), formal research relationship with ABA mentor, ABA mentor agrees to supervise thesis, completion of 730.05 and 730.06 prior to planning a thesis.

#### Major Requirements - Comprehensive Exam

##### Type

Completion Requirement

The Applied Behavior Analysis comprehensive exam is a four-hour exam that examines one's responses to applied behavior analysis questions in an essay format. The questions come from the Behavior Analysis Certification Board's task list. The exam includes five questions; a passing score is an average score of 2.0 or greater, with a score of 1.3 or greater on each question (all scored on a 0- to 3-point scale by at least two faculty members). Students are allowed to take comprehensive exams a maximum of two times. If the exam is taken a second time, the second administration must be within one year of the first attempt. The student will be withdrawn from the program if they are unable to pass the exam on the second attempt.

##### Additional Comments:

## BIED712-AC - Bilingual Education Extension 7-12

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Bilingual Education Extension 7-12

#### Plan Code

BIED712-AC

#### Department(s) Sponsoring Program

School of Education

#### Career

Graduate

#### Degree Designation

ADVCERPB - Advanced Certificate Post Baccalaureate

## Requirements

### Simple Requisites

#### Admission Requirements

##### Type

Completion Requirement

##### Additional Comments:

These requirements are in addition to the general [requirements for matriculation](#).

1. New York State Initial Certificate in a secondary level (7-12) subject matter area, such as mathematics, science, social studies, etc. Teachers certified in ESL or in Foreign Languages are not eligible to apply for this program.

2. Bilingual proficiency, including language proficiency in which they are seeking the extension, such as Arabic, Bengali, Chinese, French, Haitian Creole, Korean, Spanish, or Urdu, etc. Acceptable evidence of bilingual proficiency includes one of the following:

- a. Undergraduate or graduate transcript to show sufficient and satisfactory

coursework with a GPA of 3.0 or above in that language that they are seeking an extension

b. Diploma or transcript of years of secondary education in a country that the language was used for academic studies

c. A passing score on the NYSTCE Bilingual Education Assessment (BEA) test. (NYS website: [http://www.nystce.nesinc.com/NY\\_viewSG\\_opener.asp](http://www.nystce.nesinc.com/NY_viewSG_opener.asp))

3. Results of the Graduate Record Exam (GRE) General Test are required

**Certification Requirements - Overall**

Type  
Completion Requirement

Earn at least 15 credits

Additional Comments:

**Certification Requirements - Course Requirements**

Type  
Completion Requirement

- Complete ALL of the following Courses:
- EECE 761 - Foundations of Bilingual Education and Bilingualism
  - EECE 763 - Developing Language and Literacy in the Home Language  
**OR** EECE 7913 - Indep Stdy Biling Ed
  - EECE 764 - Instruction and Assessment Across the Curriculum for Bilingual Learners
  - EECE 766 - Educational Linguistics and Psycholinguistics
  - EECE 767 - English Language Learning in the Bilingual Classroom: Pedagogical Applications

Additional Comments:

3. An interview may be required.

4. Results of the Graduate Record Exam (GRE) General Test are required. [Click here for more details.](#)

**Certification Requirements - Overall**

Type  
Completion Requirement

Earn at least 15 credits

Additional Comments:

**Certification Requirements - Course Requirements**

Type  
Completion Requirement

- Complete ALL of the following Courses:
- EECE 761 - Foundations of Bilingual Education and Bilingualism
  - EECE 763 - Developing Language and Literacy in the Home Language  
**OR** EECE 7913 - Indep Stdy Biling Ed
  - EECE 764 - Instruction and Assessment Across the Curriculum for Bilingual Learners
  - EECE 766 - Educational Linguistics and Psycholinguistics
  - EECE 767 - English Language Learning in the Bilingual Classroom: Pedagogical Applications

Additional Comments:

## BILEDED-AC - Bilingual Education

### Overview

Institution Code  
QNS01

Official Name of Program  
Bilingual Education

Plan Code BILEDED-AC	Department(s) Sponsoring Program Elementary and Early Childhood Education
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Career Graduate	Degree Designation ADVCPB - Advanced Certificate Post Baccalaureate
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### Requirements

#### Simple Requisites

**Admission Requirements**

Type  
Completion Requirement

- Additional Comments:  
These requirements are in addition to the general [requirements for matriculation](#).
1. Hold a current NYS Teacher Certificate.
  2. Be proficient in a language other than English. This proficiency must be in the language in which they are seeking the Bilingual Extension.

## BILGITI-AC - Bilingual Education: ITI

### Overview

Institution Code  
QNS01

Official Name of Program  
Bilingual Education: ITI

Plan Code BILGITI-AC	Department(s) Sponsoring Program Elementary and Early Childhood Education
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Career Graduate	Degree Designation ADVCPB - Advanced Certificate Post Baccalaureate
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### Requirements

#### Simple Requisites

**Admission Requirements**

Type  
Completion Requirement

- Additional Comments:  
These requirements are in addition to the general [requirements for matriculation](#).
1. New York State Initial Certificate in a secondary level (7-12) subject matter area, such as mathematics, science, social studies, etc. Teachers certified in ESL or in Foreign Languages are not eligible to apply for this program.
  2. Bilingual proficiency, including language proficiency in which they are seeking the extension, such as Arabic, Bengali, Chinese, French, Haitian Creole, Korean, Spanish,

or Urdu, etc. Acceptable evidence of bilingual proficiency includes one of the following:

- a. Undergraduate or graduate transcript to show sufficient and satisfactory coursework with a GPA of 3.0 or above in that language that they are seeking an extension
- b. Diploma or transcript of years of secondary education in a country that the language was used for academic studies
- c. A passing score on the NYSTCE Bilingual Education Assessment (BEA) test. (NYS website: [http://www.nystce.nesinc.com/NY\\_viewSG\\_opener.asp](http://www.nystce.nesinc.com/NY_viewSG_opener.asp))

3. Results of the Graduate Record Exam (GRE) General Test are required

**Certification Requirements - Overall**

Type  
Completion Requirement

Earn at least 15 credits

Additional Comments:

**Certification Requirements - Course Requirements**

Type  
Completion Requirement

- Complete ALL of the following Courses:
- EECE 761 - Foundations of Bilingual Education and Bilingualism
  - EECE 763 - Developing Language and Literacy in the Home Language
  - **OR** EECE 7913 - Indep Stdy Biling Ed
  - EECE 764 - Instruction and Assessment Across the Curriculum for Bilingual Learners
  - EECE 766 - Educational Linguistics and Psycholinguistics
  - EECE 767 - English Language Learning in the Bilingual Classroom: Pedagogical Applications

Additional Comments:

These requirements are in addition to the general requirements for admission.

1. Students are expected to have a minimum of 20 credits in biology beyond the introductory level. Undergraduate courses in physics, chemistry, and mathematics are required. A course in statistics is highly recommended.
2. The credentials of each applicant will be examined by the departmental admissions committee. This committee may request an interview with a candidate for admission.

**Major Requirements - Overall**

Type  
Completion Requirement

Earn at least 32 credits

Additional Comments:

Students who have taken a 300-level Queens College biology course that is also offered at the 600-level may not take that 600-level course for credit.

**Major Requirements - Curriculum Requirements**

Type  
Completion Requirement

Complete at least 1 of the following:

Research-intensive track (30 credits required). Students in this track are expected to present significant independent research in a written Master's thesis, followed by an oral examination/defense, conducted by an Examination Committee established for each candidate. The chair of this committee shall be a member of the Queens College Biology Department, chosen by the candidate in consultation with the Biology MA advisor. The remaining members of the committee shall be chosen by the committee chair in consultation with the candidate. The content and nature of the oral examination shall be determined by the chair of the committee in consultation with the student to be examined. Each student will be limited to two attempts to pass this examination.

OR

Course-intensive track (32 credits required). Students in this track are required to write a literature-based review paper, followed by an oral examination/defense conducted by an Examination Committee composed of Queens College Biology Department faculty. Each student will be limited to two attempts to pass this examination, which can be taken only after at least 24 course credits have been completed. Students in this track are eligible to take BIOL 788 (Cooperative Education Placement) and participate in the Graduate Cooperative Education Program.

Depending on personal interests and career goals, candidates for the MA degree in Biology may choose one of two tracks to fulfill the degree requirements:

Additional Comments:

All graduate students must take at least 10 credits of 700-level lecture courses. Only 600- and 700-level courses may be applied toward degree requirements. Furthermore, the combination of BIOL 788 (Cooperative Education Placement), BIOL 799 (Research), BIOL 791 (Colloquium), and BIOL 792 (Tutorial) may not exceed 12 credits.

## BIOL-MA - Biology

### Overview

Institution Code  
QNS01

Official Name of Program  
Biology

Plan Code Department(s) Sponsoring Program  
BIOL-MA Biology

Career Degree Designation  
Graduate MA - Master of Arts

### Requirements

#### Simple Requisites

**Admission Requirements**

Type  
Completion Requirement

Additional Comments:

## BIOL-MAT - Adolescent Biology 7-12

### Overview

Institution Code  
QNS01

Official Name of Program  
Adolescent Biology 7-12

Plan Code  
BIOL-MAT

Department(s) Sponsoring Program  
Secondary Education and Youth Services

Career  
Graduate

Degree Designation  
MAT - Master of Arts in Teaching

### Requirements

#### Simple Requisites

##### Major Requirements - Overall

Type  
Completion Requirement

Earn at least 42 credits

Additional Comments:

##### Major Requirements - Core Courses

Type  
Completion Requirement

##### Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 552 - Educational Psychology
- SEYS 562 - Methods of Teaching Science in Middle and High School
- SEYS 5722 - Student Teaching I in Science for Secondary School (7-12)
- SEYS 5724 - Student Teaching II in Science for Secondary School (7-12)
- SEYS 582 - Standards-Based Curriculum and Assessment in Teaching Science
- SEYS 700 - Language, Literacy, and Culture in Education.
- ECPSE 550 - Foundations of Special Education

Additional Comments:

##### Major Requirements - Major Requirements - Content Courses

Type  
Completion Requirement

##### Fulfill ALL of the following requirements:

Pedagogical Content Courses

##### Complete ALL of the following Courses:

- SEYS 753 - Digital Applications in Science and Technology Education  
**OR** SEYS 754 - Curriculum Innovations in Science Education  
**OR** SEYS 756 - Mobile Science: Data-Based Decision Making
- SEYS 777 - Seminar in Research in Science Education I
- SEYS 778 - Seminar in Research in Science Education II

AND

Content Courses

9 credits in Science area of certification.

Additional Comments:

## BPLPERI-AC - Bilingual Pupil Personnel Intensive

### Overview

Institution Code  
QNS01

Official Name of Program  
Bilingual Pupil Personnel Intensive

Plan Code  
BPLPERI-AC

Department(s) Sponsoring Program  
Educational and Community Programs

Career  
Graduate

Degree Designation  
ADV CERPM - Advanced Certificate Post Master's

### Requirements

#### Simple Requisites

##### Untitled Requisite Admission Requirements

Type  
Completion Requirement

##### Additional Comments:

To be admitted to the bilingual extension sequence, a professional must present:

1. a graduate degree in school counseling, school psychology, or social work;
2. a valid New York State license or certificate in one of these discipline areas;
3. proof of employment in the respective disciplines while studying for the extension and providing bilingual services; and
4. scores obtained on the New York State Department of Education Bilingual Extension Assessment; and,
5. interest in a bilingual extension in one of these disciplines.

All candidates will be interviewed by sequence advisors. At the time of the interview candidates must submit the following documentation:

- a copy of a graduate transcript from the institution that granted the degree in the candidate's discipline;
- a copy of a valid New York State license or certificate in the candidate's discipline; and
- a letter from the candidate's employer stating that he/she is currently employed as a bilingual clinician and that his/her job responsibilities include providing educational, psychological, and mental health services to bilingual students and families in the candidate's specific language competencies.
- a copy of the New York State Bilingual Education

Assessment examination scores

**Certification Requirements - Overall**

**Type**

Completion Requirement

**Additional Comments:**

Candidates must demonstrate bilingual proficiency by passing the language proficiency exam required by the New York State Education Department prior to starting the bilingual extension sequence of courses.

They must maintain a B average (3.0 grade-point average) and demonstrate professional dispositions and attitudes. Candidates who achieve a course grade of less than a B- or who fail to demonstrate professional dispositions or behaviors must meet with the program advisors. Candidates' performance will be reviewed by the program advisors every semester.

All candidates must meet appropriate academic and scholarship standards to remain in the program and to complete the program. They must also demonstrate appropriate personal, professional, and ethical conduct as established by the program and their prospective professions (e.g., ethical and professional standards in school counseling, school psychology, and social work). Candidates are expected to abide by the CUNY Policy on Academic Integrity. All candidates are subject to review, and sanctions, up to and including dismissal, as a result of academic and/or professional deficiencies.

Candidate leaves or a break in the continuity of study require a review by the faculty before candidates return to the program and study is resumed. Such reviews could result in requiring candidates to retake courses or other requirements to ensure competencies are maintained.

**Certification Requirements - Required Course**

**Type**

Completion Requirement

**Complete ALL of the following Courses:**

- ECPSP 779 - Multicultural Issues in School Psychology
- ECPSP 861 - Seminar in Special Issues
- ECPSE 803 - Oral Language Development in Special and Bilingual Education
- ECPSE 804 - Applied Behavior Analysis in Multicultural Contexts
- ECPCE 814 - Seminar in Advanced Applications of Psychological Theories.

**Additional Comments:**

## BPUPPER-AC - Bilingual Pupil Personnel

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Bilingual Pupil Personnel

**Plan Code**

BPUPPER-AC

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

ADV CERPM - Advanced Certificate Post Master's

### Requirements

**Simple Requisites**

**Admission Requirements**

**Type**

Completion Requirement

**Additional Comments:**

To be admitted to the bilingual extension sequence, a professional must present:

1. a graduate degree in school counseling, school psychology, or social work;
2. a valid New York State license or certificate in one of these discipline areas;
3. proof of employment in the respective disciplines while studying for the extension and providing bilingual services; and
4. scores obtained on the New York State Department of Education Bilingual Extension Assessment; and,
5. interest in a bilingual extension in one of these disciplines.

All candidates will be interviewed by sequence advisors. At the time of the interview candidates must submit the following documentation:

- a copy of a graduate transcript from the institution that granted the degree in the candidate's discipline;
- a copy of a valid New York State license or certificate in the candidate's discipline; and
- a letter from the candidate's employer stating that he/she is currently employed as a bilingual clinician and that his/her job responsibilities include providing educational, psychological, and mental health services to bilingual students and families in the candidate's specific language competencies.
- a copy of the New York State Bilingual Education

Assessment examination scores

**Certification Requirements - Overall**

**Type**

Completion Requirement

Earn at least 15 credits

**Additional Comments:**

Candidates must demonstrate bilingual proficiency by passing the language proficiency exam required by the New York State Education Department prior to starting the bilingual extension sequence of courses.

They must maintain a B average (3.0 grade-point average) and demonstrate professional dispositions and attitudes. Candidates who achieve a course grade of less than a B- or who fail to demonstrate professional dispositions or behaviors must meet with the program advisors. Candidates' performance will be reviewed by the program advisors every semester.

All candidates must meet appropriate academic and scholarship standards to remain in the program and to complete the program. They must also demonstrate appropriate personal, professional, and ethical conduct as established by the program and their prospective professions (e.g., ethical and professional standards in school counseling, school psychology, and social work). Candidates are expected to abide by the CUNY Policy on Academic Integrity. All candidates are subject to review, and sanctions, up to and including dismissal, as a result of academic and/or professional deficiencies.

Candidate leaves or a break in the continuity of study require a review by the faculty before candidates return to the program and study is resumed. Such reviews could result in requiring candidates to retake courses or other requirements to ensure competencies are maintained.

**Certification Requirements - Required Course**

**Type**

Completion Requirement

**Complete ALL of the following Courses:**

- ECPSP 779 - Multicultural Issues in School Psychology
- ECPSP 861 - Seminar in Special Issues
- ECPCE 803 - Multicultural Issues in Counseling.
- ECPCE 804 - Assessment Methods in Counseling.
- ECPCE 814 - Seminar in Advanced Applications of Psychological Theories.

Additional Comments:

## CEDBL-MAT - Childhood Education: Bilingual Extension

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Childhood Education: Bilingual Extension

**Plan Code**

CEDBL-MAT

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

MAT - Master of Arts in Teaching

### Requirements

**Simple Requisites**
**Admission Requirements**
**Type**

Completion Requirement

**Additional Comments:**

- Hold an earned bachelor's degree with a 30 credit major or concentration in the liberal arts or sciences
- Meet the required core course requirements (see Application Worksheet)
- Have a cumulative GPA of 3.0 or higher
- Submit a GRE score
- Submit two letters of recommendation
- Submit a 500 word essay

The Extension in Bilingual Education is offered in the following languages:

Bangla  
Chinese  
French  
Haitian Creole  
Korean  
Russian  
Spanish

Students who speak other languages are also encouraged to apply.

**Major Requirements - Overall**
**Type**

Completion Requirement

Earn at least 51 credits

Additional Comments:

The MAT in Childhood Education (Grades 1-6) consists of twelve courses (36 credits) including one semester of student teaching. The course requirements for the MAT program covers educational foundations, development and learning processes, curriculum and pedagogy, and field applications To continue in the program, students must maintain a B average.

**Major Requirements - Coursework**
**Type**

Completion Requirement

**Complete ALL of the following Courses:**

- EECE 520 - Language Development and Emergent Literacy
- EECE 545 - Social Studies in the Elementary School
- EECE 702 - Social Foundations of Education
- EECE 711 - Ecological Perspectives on Development: The Childhood Years
- EECE 525 - Language and Literacy Learning in the Elementary Years
- EECE 550 - Mathematics in the Elementary School
- EECE 555 - Science in the Elementary School
- ECPSE 550 - Foundations of Special Education
- EECE 762 - Schooling in a Diverse Society.
- EECE 566 - Student Teaching
- EECE 707 - Assessment in the Elementary Classroom
- EECE 750 - Learning and Technology in Early Childhood and Childhood

Additional Comments:

**Major Requirements - Bilingual Extension**
**Type**

Completion Requirement

**Complete ALL of the following Courses:**

- EECE 761 - Foundations of Bilingual Education and Bilingualism
- EECE 763 - Developing Language and Literacy in the Home Language  
**OR** EECE 7913 - Indep Stdy Biling Ed
- EECE 764 - Instruction and Assessment Across the Curriculum for Bilingual Learners
- EECE 766 - Educational Linguistics and Psycholinguistics
- EECE 767 - English Language Learning in the Bilingual Classroom: Pedagogical Applications

Additional Comments:

The Extension in Bilingual Education consists of five courses (15 credits). To continue in the program, students must maintain a B average and receive no grade lower than B- in any course.

## CEDBL-MSED - Childhood Education: Bilingual Extension

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Childhood Education: Bilingual Extension

**Plan Code**

CEDBL-MSED

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

Career Graduate Degree Designation MSED - Master of Science in Education

## Requirements

### Simple Requisites

#### Admission Requirements

##### Type

Prerequisite

#### Additional Comments:

- Hold an earned bachelor's degree
- Have a cumulative GPA of 3.0 or higher
- Have NYS or equivalent initial certification in Childhood Education (Grades 1-6) or Early Childhood Education (B-6)
- Additional requirements are specified on the application form

The Extension in Bilingual Education is offered in the following languages:

Bangla  
Chinese  
French  
Haitian Creole  
Korean  
Russian  
Spanish

Students who speak other languages are also encouraged to apply.

#### Major Requirements - Overall

##### Type

Completion Requirement

Earn at least 48 credits

#### Additional Comments:

The MSED in Literacy Education consists of eleven courses (33 credits) including one semester of practicum. Students take courses in two areas: Foundations, Theory, and Research and the Literacy Professional Specialization. To continue in the program, students must consult with their advisor once a year, maintain a B average, and receive no grade lower than B- in any course.

#### Major Requirements - Coursework

##### Type

Completion Requirement

#### Fulfill ALL of the following requirements:

Foundations, Theory, and Research

#### Complete ALL of the following Courses:

- EECE 731 - Teaching Beginning Reading and Writing
- EECE 745 - The Reading-Writing Connection
- EECE 746 - Nonfiction for Children
- EECE 773 - Families, Stories, and Literacy
- EECE 780 - Introduction to Educational Research
- EECE 782 - Teacher as Researcher

AND

Professional Specialization

#### Complete ALL of the following Courses:

- EECE 764 - Instruction and Assessment Across the

#### Curriculum for Bilingual Learners

- EECE 801 - The Role of the Literacy Specialist
- EECE 803 - Assessment and Instruction I
- EECE 804 - Assessment and Instruction II
- EECE 805 - Practicum

#### Additional Comments:

#### Major Requirements - Bilingual Extension

##### Type

Completion Requirement

#### Complete ALL of the following Courses:

- EECE 761 - Foundations of Bilingual Education and Bilingualism
- EECE 763 - Developing Language and Literacy in the Home Language  
**OR** EECE 7913 - Indep Stdy Biling Ed
- EECE 764 - Instruction and Assessment Across the Curriculum for Bilingual Learners
- EECE 766 - Educational Linguistics and Psycholinguistics
- EECE 767 - English Language Learning in the Bilingual Classroom: Pedagogical Applications

#### Additional Comments:

The Extension in Bilingual Education consists of five courses (15 credits). To continue in the program, students must maintain a B average and receive no grade lower than B- in any course.

## CHDED-AC - Childhood Education (1-6)

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Childhood Education (1-6)

#### Plan Code

CHDED-AC

#### Department(s) Sponsoring Program

Elementary and Early Childhood Education

#### Career

Graduate

#### Degree Designation

ADVCPB - Advanced Certificate Post Baccalaureate

### Requirements

#### Simple Requisites

#### Admission Requirements

##### Type

Completion Requirement

#### Additional Comments:

- Have an earned master's degree in education with a GPA of 3.0 or higher
- Have NYS certification in Early Childhood Education (Birth-Grade 2)
- Submit two letters of recommendation
- Submit a 500 word essay

**Advance Certificate Requirements - Overall**

Type  
Completion Requirement

Earn at least 12 credits

**Additional Comments:**  
The Additional Certification in Childhood Education (Grades 1-6) program consists of four courses (12 credits), one of which is a practicum in an elementary classroom. Students are expected to maintain a B average in the program.

**Advance Certificate Requirements - Required Courses**

Type  
Completion Requirement

**Complete ALL of the following Courses:**

- EECE 545 - Social Studies in the Elementary School
- EECE 550 - Mathematics in the Elementary School
- EECE 555 - Science in the Elementary School
- EECE 567 - Practicum in Elementary Education

EECE Elective: Various course selections may include:

**Additional Comments:**

**Completion Requirement**

Earn at least 36 credits

**Additional Comments:**  
The MAT in Childhood Education (Grades 1-6) consists of twelve courses (36 credits) including one semester of student teaching. The course requirements for the MAT program covers educational foundations, development and learning processes, curriculum and pedagogy, and field applications To continue in the program, students must maintain a B average.

**Major Requirements - Coursework**

Type  
Completion Requirement

**Complete ALL of the following Courses:**

- EECE 520 - Language Development and Emergent Literacy
- EECE 545 - Social Studies in the Elementary School
- EECE 702 - Social Foundations of Education
- EECE 711 - Ecological Perspectives on Development: The Childhood Years
- EECE 525 - Language and Literacy Learning in the Elementary Years
- EECE 550 - Mathematics in the Elementary School
- EECE 555 - Science in the Elementary School
- ECPSE 550 - Foundations of Special Education
- EECE 762 - Schooling in a Diverse Society.
- EECE 566 - Student Teaching
- EECE 707 - Assessment in the Elementary Classroom
- EECE 750 - Learning and Technology in Early Childhood and Childhood

**Additional Comments:**

## CHDED-MAT - Childhood Education

### Overview

Institution Code  
QNS01

Official Name of Program  
Childhood Education

Plan Code CHDED-MAT	Department(s) Sponsoring Program Elementary and Early Childhood Education
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Career Graduate	Degree Designation MAT - Master of Arts in Teaching
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### Requirements

**Simple Requisites**

**Admission Requirements**  
Type  
Completion Requirement

**Additional Comments:**

- Hold an earned bachelor's degree with a 30 credit major or concentration in the liberal arts or sciences
- Meet the required core course requirements (see Application Worksheet)
- Have a cumulative GPA of 3.0 or higher
- Submit a GRE score
- Submit two letters of recommendation
- Submit a 500 word essay

**Major Requirements - Overall**  
Type

## CHDED-MSED - Childhood Education

### Overview

Institution Code  
QNS01

Official Name of Program  
Childhood Education

Plan Code CHDED-MSED	Department(s) Sponsoring Program Elementary and Early Childhood Education
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Career Graduate	Degree Designation MSED - Master of Science in Education
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### Requirements

**Simple Requisites**

**Admission Requirements**  
Type  
Completion Requirement

**Additional Comments:**

- Hold an earned bachelor's degree
- Have a cumulative GPA of 3.0 or higher
- Have NYS or equivalent initial certification in Childhood Education (Grades 1-6) or Early Childhood Education (B-6)



- Additional requirements are specified on the application form

**Major Requirements - Overall**

Type  
Completion Requirement

Earn at least 33 credits

**Additional Comments:**

The MSED in Literacy Education consists of eleven courses (33 credits) including one semester of practicum. Students take courses in two areas: Foundations, Theory, and Research and the Literacy Professional Specialization. To continue in the program, students must consult with their advisor once a year, maintain a B average, and receive no grade lower than B- in any course.

**Major Requirements - Coursework**

Type  
Completion Requirement

**Fulfill ALL of the following requirements:**

Foundations, Theory, and Research

**Complete ALL of the following Courses:**

- EECE 731 - Teaching Beginning Reading and Writing
- EECE 745 - The Reading-Writing Connection
- EECE 746 - Nonfiction for Children
- EECE 773 - Families, Stories, and Literacy
- EECE 780 - Introduction to Educational Research
- EECE 782 - Teacher as Researcher

AND

Professional Specialization

**Complete ALL of the following Courses:**

- EECE 764 - Instruction and Assessment Across the Curriculum for Bilingual Learners
- EECE 801 - The Role of the Literacy Specialist
- EECE 803 - Assessment and Instruction I
- EECE 804 - Assessment and Instruction II
- EECE 805 - Practicum

**Additional Comments:**

## CHDEDS-MAT - Dual Certification Childhood and Special Education (Grades1-6)

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Dual Certification Childhood and Special Education (Grades1-6)

**Plan Code**

CHDEDS-MAT

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

MAT - Master of Arts in Teaching

## Requirements

### Simple Requisites

**Admission Requirements**

Type  
Prerequisite

**Additional Comments:**

Students are required to hold a bachelor's degree with a minimum cumulative GPA of 3.0, and a NYS initial certificate in childhood education, (grades 1 through 6), or early childhood (birth through grade 2) or substantial equivalent. Applicants may be required to provide writing samples on site. Additional application requirements are specified on the application form. As a rule, applicants may enter the program only as matriculating students. The department holds several workshops about program requirements and application procedures; interested students are encouraged to contact the department (718-997-5302) for application deadlines and further information.

Once students are accepted, they will be invited to an orientation meeting.

**Major Requirements - Overall**

Type  
Completion Requirement

Earn at least 60 credits

**Additional Comments:**

**Major Requirements - Pedagogical Foundations**

Type  
Completion Requirement

**Complete ALL of the following Courses:**

- EECE 702 - Social Foundations of Education
- ECPSE 700 - Foundations of Special Education
- EECE 711 - Ecological Perspectives on Development: The Childhood Years
- ECPSE 701 - Introduction to Assessment in Early Childhood Special Education
- EECE 520 - Language Development and Emergent Literacy
- EECE 525 - Language and Literacy Learning in the Elementary Years
- ECPSE 720 - Trends and Issues in the Education of Learners with Severe Disabilities

**Additional Comments:**

**Major Requirements - Pedagogical Core**

Type  
Completion Requirement

**Complete ALL of the following Courses:**

- EECE 545 - Social Studies in the Elementary School
- EECE 550 - Mathematics in the Elementary School
- EECE 555 - Science in the Elementary School
- ECPSE 710 - Curriculum and Instruction for Childhood Special Education
- ECPSE 742 - Foundations of Assistive and Instructional Technology
- ECPSE 708 - Collaboration with Families and School-Based Teams
- ECPSE 722 - Applied Behavior Analysis and Positive Behavioral Supports

**Additional Comments:**

**Major Requirements - Student Teaching**

Type  
Completion Requirement

Complete ALL of the following Courses:

- EECE 566 - Student Teaching
- ECPSE 725 - Internship in Severe Disabilities: Adolescent Special Education

Additional Comments:

**Major Requirements - Research in Evidence-Based Practice**

Type  
Completion Requirement

Complete ANY of the following Courses:

- ECPSE 746 - Research in Special Education  
**AND** ECPSE 748 - Advanced Research in Special Education
- EECE 780 - Introduction to Educational Research  
**AND** EECE 781 - Inquiry into Teaching.

Additional Comments:

## CHDVPSY-AC - Child Development Psychology

### Overview

Institution Code  
QNS01

Official Name of Program  
Child Development Psychology

Plan Code CHDVPSY-AC	Department(s) Sponsoring Program Elementary and Early Childhood Education
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Career Graduate	Degree Designation ADV CERPM - Advanced Certificate Post Master's
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### Requirements

#### Simple Requisites

**Certificate Requirements - Overall**

Type  
Completion Requirement

Earn at least 15 credits

Earn a minimum GPA of 3.0

Additional Comments:

**Certificate Requirements - Core**

Type  
Completion Requirement

Fulfill ALL of the following requirements:

- Complete ALL of the following Courses:
- EECE 713 - The Psychology and Education of Exceptional

**Children and Youth**

— AND —

Complete at least 1 of the following courses:

- EECE 710 - Ecological Perspectives on Development: The Early Years
- EECE 711 - Ecological Perspectives on Development: The Childhood Years

— AND —

Complete at least 1 of the following courses:

- EECE 722 - Language Development and Multilingualism in Early Childhood
- EECE 773 - Families, Stories, and Literacy

— AND —

Complete at least 1 of the following courses:

- EECE 712 - Humanistic Psychology: Educational Applications
- EECE 777 - Conflict Resolution in Educational Settings.
- EECE 797 - Queens County as a Learning Lab.

— AND —

Complete at least 1 of the following courses:

- EECE 762 - Schooling in a Diverse Society.
- EECE 776 - Culture and Education

Additional Comments:

Student must not select a course previously taken (or one that is substantively similar to a graduate course previously taken). See program director for further information.

## CHEM-MS - Chemistry

### Overview

Institution Code  
QNS01

Official Name of Program  
Chemistry

Plan Code CHEM-MS	Department(s) Sponsoring Program Chemistry and Biochemistry
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Career Graduate	Degree Designation MS - Master of Science
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## CHLIBR-AC - Child and Young Adult Services in the Public Library

### Overview

Institution Code  
QNS01

**Official Name of Program**

Child and Young Adult Services in the Public Library

**Plan Code**  
CHLIBR-AC

**Department(s) Sponsoring Program**  
Graduate Library Science

**Career**  
Graduate

**Degree Designation**  
ADVCPB - Advanced Certificate Post Baccalaureate

**Requirements**

**Simple Requisites**

**Major Requirements - Overall**

**Type**  
Completion Requirement

Earn at least 12 credits

**Additional Comments:**

**Major Requirements - Core**

**Type**  
Completion Requirement

- Complete ALL of the following Courses:
- LBSCI 737 - Materials for Children
  - LBSCI 739 - Materials for Young Adults
  - LBSCI 773 - Public Library Services for Children
  - LBSCI 777 - Public Library Services for Young Adults

**Additional Comments:**

**Major Requirements - Electives**

**Type**  
Completion Requirement

- Complete ANY of the following Courses:
- LBSCI 738 - Mythology and Folklore for Children and Adolescents
  - LBSCI 767 - Reading Motivation Techniques for Children and Adolescents
  - LBSCI 771 - Organization and Management: Public Libraries (Inactive)
  - LBSCI 775 - Librarianship in a Multicultural Society: Material and Services.

Library/information service professionals who already hold the MLS degree and may have already taken one or more of these core courses can fulfill their requirements by selecting from a menu of four elective courses.

**Additional Comments:**

**CHLIT-AC - Children's Literature 1-6th grades**

**Overview**

**Institution Code**  
QNS01

**Official Name of Program**  
Children's Literature 1-6th grades

**Plan Code**  
CHLIT-AC

**Department(s) Sponsoring Program**  
Elementary and Early Childhood Education

**Career**  
Graduate

**Degree Designation**  
ADVCPB - Advanced Certificate Post Master's

**Requirements**

**Simple Requisites**

**Certificate Requirements - Overall**

**Type**  
Completion Requirement

Earn at least 15 credits

Earn a minimum GPA of 3.0

**Additional Comments:**

**Certificate Requirements - Core**

**Type**  
Completion Requirement

- Complete ALL of the following Courses:
- EECE 742 - Reading Materials for Children
  - EECE 746 - Nonfiction for Children
  - EECE 747 - Literacy Through Poetry, Verse and Wordplay
  - EECE 748 - Myths, Legends, and Folktales
  - EECE 779 - Research in Children's Literature.

**Additional Comments:**

**CONSL-MSED - Counselor Education**

**Overview**

**Institution Code**  
QNS01

**Official Name of Program**  
Counselor Education

**Plan Code**  
CONSL-MSED

**Department(s) Sponsoring Program**  
Educational and Community Programs

**Career**  
Graduate

**Degree Designation**  
MSED - Master of Science in Education

**Requirements**

**Simple Requisites**

**Major Requirements - Special Requirements for Admission**

**Type**  
Prerequisite

Completion of a bachelor's degree with an overall GPA of 3.0.

- Satisfactory completion of the following five prerequisite course areas: • Introduction to psychology • Developmental psychology (child, adolescent, or life-span) • Abnormal psychology (or psychopathology) • Statistics • Social basis of behavior (sociology, anthropology, or social psychology).

Three positive letters of reference from professors, supervisors, or professional references.

A 500-word essay outlining reasons for choosing a career in counseling (describing the applicant's motivations for entering the counseling profession and expectations of graduate-level study).

Satisfactory rating on admissions tests, essay, interviews, and references.

**Additional Comments:**  
In the 500-word essay on the admissions application, please describe your motivations for entering the counseling profession and your expectations of graduate-level study.

**Major Requirements - Overall**  
Type  
Completion Requirement

Earn at least 60 credits

Demonstration of the professional knowledge and competencies associated with professional counseling.

Satisfactory completion of at least 700 hours of supervised fieldwork in approved settings.

Satisfactory completion of a final research project.

Satisfactory scores on a comprehensive examination administered by the Program.

**Additional Comments:**  
Candidate leave or a break in the continuity of study requires review by the faculty before candidates return to the program and study may be resumed. Such reviews could result in requiring candidates to retake courses or other requirements to ensure competencies are maintained. Students must contact their faculty advisor to discuss reentry before submitting a reentry application through Graduate Admissions.

**Major Requirements - Core**  
Type  
Completion Requirement

Complete ALL of the following Courses:

- ECPCE 700 - Foundations of School Counseling
- ECPCE 802 - Clinical and Contextual Issues in School Counseling
- ECPCE 806 - Administration and Organization of School Counseling Programs.
- ECPCE 808 - Child and Adolescent Counseling
- ECPCE 809 - Learning and Motivation in School Counseling.
- ECPCE 810 - College and Career Readiness in K-12 Schools

Fulfill ALL of the following requirements:

Earn at least 4 credits from the following:

- ECPCE 729 - Practicum in School Counseling

AND

Earn at least 8 credits from the following:

- ECPCE 8293 - Internship in School Counseling
- ECPCE 8291 - Internship in School Counseling
- ECPCE 8292 - Internship in School Counseling.
- ECPCE 8294 - Internship in School Counseling

Fieldwork in K-12 school settings as part of ECPCE 729.4. Practicum in School Counseling (4 credits) and ECPCE 829. Internship in School Counseling (8 credits).

Complete ALL of the following Courses:

- ECPCE 807 - Research Methods in Counseling

Completion of a final research project (as part of ECPCE 807 Research Methods) in an area related to school counseling.

Completion of three workshops: Child Abuse Identification, School Violence Prevention and Intervention (SAVE), and DASA (Dignity for All Students Act). The workshop sessions usually last 2-3 hours and are offered periodically throughout the year by the college. Contact the Office of Continuing Education for information about these workshops.

**Additional Comments:**

**Major Requirements - Additional Requirements for the Bilingual Extension Specialization**  
Type  
Completion Requirement

Complete ALL of the following Courses:

- ECPCE 803 - Multicultural Issues in Counseling.

Complete ALL of the following Courses:

- ECPSP 866 - Seminar in Special Issues

At least 6 of the 8 internship credits (450 internship hours) must be with a bilingual population.

The final research project (ECPCE 807) on a topic in multicultural/bilingual issues.

**Additional Comments:**

## CRL712-AC - Critical Language Ed 7-12 AC

### Overview

Institution Code

QNS01

Official Name of Program

Critical Language Ed 7-12 AC

Plan Code

CRL712-AC

Career

Graduate

Department(s) Sponsoring Program

Secondary Education and Youth Services

Degree Designation

ADVCPB - Advanced Certificate Post

Baccalaureate

## Requirements

### Simple Requisites

#### Certificate Requirements - Special Requirements for Admission

##### Type

Completion Requirement

##### Additional Comments:

#### Certificate Requirements - Overall

##### Type

Completion Requirement

Earn at least 21 credits

##### Additional Comments:

#### Certificate Requirements - Core

##### Type

Completion Requirement

##### Complete ALL of the following Courses:

- SEYSL 701 - Historical Foundations of Literacy
- SEYSL 702 - Literacy in Content Areas.
- SEYSL 704 - Literature across the Curriculum
- SEYSL 750 - Literacy Assessment and Instruction
- SEYSL 752 - Consultation, Collaboration, and Literacy Program Renewal
- SEYSL 760 - Supervised Practicum with Middle/Junior High School Students.
- SEYSL 761 - Supervised Practicum with High School Students

##### Additional Comments:

## CRL712-MAT - Critical Languages Ed 7-12

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Critical Languages Ed 7-12

#### Plan Code

CRL712-MAT

#### Department(s) Sponsoring Program

Secondary Education and Youth Services

#### Career

Graduate

#### Degree Designation

MAT - Master of Arts in Teaching

## Requirements

### Simple Requisites

#### Major Requirements - Special Requirements for Admission

##### Type

Completion Requirement

##### Additional Comments:

#### Major Requirements - Overall

##### Type

Completion Requirement

##### Additional Comments:

#### Major Requirements - Core

##### Type

Completion Requirement

##### Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 552 - Educational Psychology
- SEYS 564 - Methods of Teaching Foreign Language in Middle and High School
- SEYS 5742 - Initial Clinical Experience in Foreign Language for Secondary School
- SEYS 5744 - Student Teaching in Foreign Language for Secondary School
- SEYS 584 - Standards-Based Curriculum and Assessment in Teaching Foreign Language
- SEYS 700 - Language, Literacy, and Culture in Education.
- ECPSE 550 - Foundations of Special Education

##### Additional Comments:

After completing these Core Courses and all New York State and Queens College certification requirements, candidates are eligible to apply for New York State Initial Certification.

#### Major Requirements - Pedagogical Content Courses

##### Type

Completion Requirement

##### Complete ALL of the following Courses:

- SEYS 743 - Curriculum and Instruction in Foreign Language Education
- SEYS 785 - Seminar Research in Foreign Language Education
- SEYS 786 - Advanced Seminar in Research in Foreign Language Education.

##### Complete at least 1 of the following courses:

- SEYS 714 - World Language Program Design
- SEYS 7673 - Workshop in Secondary Education

Selected Topics: SEYS 767.3\*

Interdisciplinary Curriculum for Critical Language Assessment in Secondary School

Teaching Languages to Young Children

Integrating Language, Culture, and Content in Critical Language Education

##### Additional Comments:

## CRWRIT-MFA - Creative Writing

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Creative Writing

#### Plan Code

CRWRIT-MFA

#### Department(s) Sponsoring Program

English

#### Career

Graduate

#### Degree Designation

MFA - Master of Fine Arts

## Requirements

### Simple Requisites

#### Major Requirements - Special Requirements for Admission

##### Type

Completion Requirement

##### Additional Comments:

#### Major Requirements - Overall

##### Type

Completion Requirement

Requisite Condition Not Found

##### Additional Comments:

Students may transfer up to 12 credits of graduate work from an accredited institution that correlates to courses in the English Department at Queens College, subject to the approval of the MFA Director. However, workshop courses may not be transferred.

Further information may be found at [http://qcpages.qc.cuny.edu/Creative\\_Writing](http://qcpages.qc.cuny.edu/Creative_Writing).

#### Major Requirements - Core

##### Type

Completion Requirement

Creative Writing Workshops

##### Complete at least 4 of the following courses:

- ENGL 751 - Workshop in Fiction
- ENGL 753 - Workshop in Poetry
- ENGL 755 - Workshop in Drama
- ENGL 757 - Workshop in Special Topics in Creative Writing

Three of these are in the student's genre of focus while one must be in a genre outside of their genre of study.

Craft/Form Courses

##### Complete at least 2 of the following courses:

- ENGL 760 - Fiction in Theory and Practice
- ENGL 761 - Poetry in Theory and Practice
- ENGL 762 - Drama in Theory and Practice
- ENGL 763 - Translation in Theory and Practice

as applicable to genre of study

##### Complete ALL of the following Courses:

- ENGL 636 - History of Literary Criticism

##### Additional Comments:

#### Major Requirements - Electives

##### Type

Completion Requirement

Take elective courses in the English Department from the list of available graduate literature courses. Courses in literary studies outside the English Department (for example, in Comparative Literature) may also be counted towards the MFA, with permission from the MFA Director.

##### Additional Comments:

#### Major Requirements - Thesis

##### Type

Completion Requirement

##### Complete ALL of the following Courses:

- ENGL 758 - MFA Thesis Workshop
- ENGL 759 - Advanced Writing Project (Thesis)

The thesis, written in the second year of the program, will be written under the guidance of an advisor and a second reader and will consist of either: 25–30 pages of poetry; 60 pages of fiction (novel or short stories); a one-act play; or a quality translation of a foreign language text.

##### Additional Comments:

## CSCI-MA - Computer Science

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Computer Science

#### Plan Code

CSCI-MA

#### Department(s) Sponsoring Program

Computer Science

#### Career

Graduate

#### Degree Designation

MA - Master of Arts

### Requirements

#### Simple Requisites

#### Major Requirements - Matriculation

##### Type

Completion Requirement

##### Fulfill ALL of the following requirements:

These requirements are in addition to the general requirements for admission:

- Matriculation is based on merit as judged by the Graduate Admissions Committee of the department.
- The committee will expect each candidate for matriculation to have an adequate mathematics background, including integral calculus, probability and statistics, and discrete mathematical structures.
- Matriculation requirements also include a working knowledge of at least one high-level, object-oriented programming language (some courses, including core courses, require knowledge of specific languages; consult the department for current requirements), assembly language programming, data structures, principles of programming languages, operating systems, computer organization, and theory of computation. A candidate who is partially deficient in the above requirements may, at the discretion of the Admissions Committee, be admitted subject to the requirement that the deficiencies be rectified. Appropriate means to fulfill this requirement are provided by the department. Courses taken to meet admissions deficiencies do not count toward the credit requirements for the degree; the average (mean) grade in these courses must be at least B (3.0), and each one of these courses must be completed with a grade of B- or better.

##### Additional Comments:

These requirements are in addition to the general requirements for admission

**Major Requirements - Overall**

**Type**

Completion Requirement

**Fulfill ALL of the following requirements:**

These requirements are in addition to the general requirements for the Master of Arts degree. Each student must complete 30 credits of 700-level courses, including the core courses (Algorithms I, Distributed Computing, Computability and Complexity, and Computer Architecture and Networks). In addition, the student must choose one course in each of the three semi-core categories: software, hardware, and mathematical applications and algorithms. After completion of 21 credits, each student must satisfy a "capstone requirement" by completing a Software Development Practicum, a Hardware Design Practicum, a Research Practicum, an approved research project, or a master's thesis. The remaining courses may be freely chosen from a variety of other 700-level courses, including "special topics" and seminar courses.

**Additional Comments:**

**Major Requirements - Core**

**Type**

Completion Requirement

**Complete ALL of the following Courses:**

- CSCI 700 - Algorithms I
- CSCI 715 - Distributed Computing
- CSCI 722 - Computability and Complexity
- CSCI 744 - Computer Architecture and Networks

Students who passed CSCI 323 or 344 with a grade of B+ or better may apply for a waiver from CSCI 700 or 715, respectively. Students who receive this waiver will still be required to complete 30 credits of 700-level courses.

**Software Semi-core**

**Complete at least 1 of the following courses:**

- CSCI 701 - Software Design
- CSCI 707 - Compiler Construction
- CSCI 718 - Computer Graphics

**Hardware Semi-core**

**Complete at least 1 of the following courses:**

- CSCI 745 - Switching Theory
- CSCI 746 - Computer Systems
- CSCI 748 - Computer Networks

**Mathematical Applications and Algorithms Semi-core**

**Complete at least 1 of the following courses:**

- CSCI 762 - Algorithms II
- CSCI 764 - Topics in Systems Simulation (Inactive)
- CSCI 766 - Probabilistic Models in Computer Systems. (Inactive)

**Additional Comments:**

**Major Requirements - Electives**

**Type**

Completion Requirement

Earn at least 9 credits from the following:

- CSCI 711 - Database Systems
- CSCI 780 - Special Topics in Computer Science
- CSCI 783 - Special Topics in in Computer Science
- CSCI 786 - Special Topics in in Computer Science
- CSCI 790 - Seminars in Computer Science
- CSCI 793 - Seminars in Computer Science
- CSCI 7991 - Vt: Research
- CSCI 7992 - Vt:Research
- CSCI 7993 - Vt:Research

In the seminar and special topic courses the third digit represents the subject area. (The numbers 783 and 793 will be given to courses that resist categorization with respect to subject area.)

**Additional Comments:**

**Major Requirements - Capstone**

**Type**

Completion Requirement

**Complete at least 1 of the following courses:**

- CSCI 731 - Software Development Practicum
- CSCI 732 - Research Practicum
- CSCI 733 - Master's Thesis
- CSCI 734 - Hardware Design Practicum
- CSCI 7993 - Vt:Research

The programming project reports, research reports, and master's theses submitted by the students shall be placed in the departmental files.

**Additional Comments:**

## CSP-AC - Critical Social Practice

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Critical Social Practice

**Plan Code**

CSP-AC

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

ADV CERPM - Advanced Certificate Post Master's

### Requirements

**Simple Requisites**

**Certificate Requirements - Special Requirements to Admission**

**Type**

Completion Requirement

In order to be admitted, applicants with MAs or MFAs from a U.S. institution or a non-U.S. equivalent institution of higher education shall be preferred. However, we will give consideration to exceptional students with BAs or BFAs. Either a 79 TOEFL score or a 6 IELTS score is preferred.

**Additional Comments:**

**Certificate Requirements - Overall****Type**

Completion Requirement

Earn at least 24 credits

Additional Comments:

**Certificate Requirements - Core****Type**

Completion Requirement

Complete ALL of the following Courses:

- ARTS 777 - History and Theory of Social Art Practice
- ARTS 778 - Seminar in Project Management
- ARTS 729 - Individual Criticism

Two semesters Individual Criticism/Individual Research (may be repeated)

Additional Comments:

**Certificate Requirements - Electives****Type**

Completion Requirement

Earn at least 3 credits from the following:

- ARTS 730 - Seminar in Problems of New Forms

3-6 credits. May be repeated.

Earn at least 6 credits

Two or three interdisciplinary seminars related to research project; must be at the 700 graduate level (see examples below; again the advisor helps select) 6-9 credits.

Additional Comments:

## DATA-MA - Data Analytics and Applied Social Research

### Overview

Institution Code

QNS01

Official Name of Program

Data Analytics and Applied Social Research

Plan Code

DATA-MA

Department(s) Sponsoring Program

Sociology

Career

Graduate

Degree Designation

MA - Master of Arts

### Requirements

#### Simple Requisites

**Major Requirements - Special Requirements for Admission****Type**

Completion Requirement

Sufficient work in sociology or related fields to pursue graduate work in sociology. Successful completion of undergraduate courses in research methods and statistics.

Undergraduate cumulative grade-point average (GPA) of 3.2 or higher.

The department reserves the right to impose additional requirements upon any candidate for the degree who, in its opinion, enters with insufficient undergraduate work in sociology.

Personal interview with a graduate advisor whenever feasible.

Additional Comments:

**Major Requirements - Overall****Type**

Completion Requirement

Earn a minimum Grade of B

Earn at least 35 credits

Additional Comments:

The progress of all students will be reviewed every semester by the Graduate Committee. Satisfactory progress toward the degree requires a minimum grade of B (3.0) in the courses enumerated in a through g above. Additional work, a qualifying examination, or dismissal from the program will be prescribed for those students not satisfying the minimum requirements. Necessary action will be decided upon by the Graduate Committee and communicated to the student in writing.

**Major Requirements - Core****Type**

Completion Requirement

Sociological Theory or Substantive Topics in Sociology:

Complete at least 1 of the following courses:

- DATA 701 - The Development of Sociological Theory
- DATA 702 - Contemporary Sociological Theory
- DATA 728 - Sociology of Organizations and Industry
- DATA 736 - Demography
- MEDST 752 - Media Theory

or other courses with approval.

Quantitative Research Methods and Statistics (Basic and Advanced Analytics):

Complete ALL of the following Courses:

- DATA 710 - Basic Analytics
- DATA 712 - Advanced Analytics

Applied Social Research Methods:

Complete ANY of the following Courses:

- DATA 734 - Applied Social Research in Marketing I  
**AND** DATA 735 - Applied Social Research in Marketing II
- DATA 754 - Applied Social Research I  
**AND** DATA 755 - Applied Social Research II

Qualitative Methods or Special Topics in Research Methods

Complete at least 1 of the following courses:

- DATA 711 - Qualitative Methods
- DATA 765 - Special Topics in Research Methods

Professional Communication in Social Research



**Complete ALL of the following Courses:**

- DATA 716 - Professional Writing and Communication for Social Research

or equivalent.

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**Complete ALL of the following Courses:**

- DATA 793 - Thesis Research

and submission of an approved thesis or thesis-length paper based upon supervised independent research

**Additional Comments:**

**Major Requirements - Specialization**  
**Type**  
 Completion Requirement

**Complete at least 1 of the following:**

Applied Social Research, Program Evaluation and Policy Analysis, or Market Research Track

**Earn at least 6 credits**  
 Elective courses appropriate to selected track

————— OR —————

Leadership, Management, and Data Analytics; Media and Marketing; or Data Science

**Earn at least 9 credits**  
 Elective courses appropriate to selected track

————— OR —————

Program Evaluation and Policy Analysis

**Earn at least 6 credits**  
 Elective courses appropriate to selected track

————— OR —————

Market Research

**Earn at least 6 credits**  
 Elective courses appropriate to selected track

————— OR —————

Media and Marketing

**Earn at least 9 credits**

- Advanced courses in Media Studies

Elective courses appropriate to selected track

————— OR —————

Data Science

**Earn at least 9 credits**

- Advanced courses in Computer Science

Elective courses appropriate to selected track

**Additional Comments:**

## DEVALG-AC - Developing Algebraic Thinking in the Middle Grades

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Developing Algebraic Thinking in the Middle Grades

**Plan Code**

DEVALG-AC

**Department(s) Sponsoring Program**

Secondary Education and Youth Services

**Career**

Graduate

**Degree Designation**

ADV CERPM - Advanced Certificate Post Master's

### Requirements

## ECHED-AC - Early Childhood Birth-2nd Grade

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Early Childhood Birth-2nd Grade

**Plan Code**

ECHED-AC

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

ADV CERPB - Advanced Certificate Post Baccalaureate

### Requirements

**Simple Requisites**

**Certificate Requirements - Overall**  
**Type**  
 Completion Requirement

**Earn at least 36 credits**

**Additional Comments:**

**Certificate Requirements - Required Courses**  
**Type**  
 Completion Requirement

**Complete ALL of the following Courses:**

- EECE 703 - Classroom Realities in Diverse Settings
- EECE 710 - Ecological Perspectives on Development: The Early Years
- EECE 721 - Professional Issues in Early Childhood
- EECE 722 - Language Development and Multilingualism in Early Childhood
- EECE 724 - Curriculum and Environmental Design for Early Childhood, Part I

- EECE 725 - Curriculum and Environmental Design for Early Childhood, Part II
- EECE 728 - Integrating Expressive Arts into the Early Childhood Curriculum.
- EECE 737 - Infants and Toddlers: Curriculum and Teaching
- EECE 780 - Introduction to Educational Research
- EECE 781 - Inquiry into Teaching.

Additional Comments:

**Certificate Requirements - Electives**

Type  
Completion Requirement

Earn at least 3 credits  
See advisor for recommendations.

Additional Comments:

samples on site. Additional application requirements are specified on the application form. As a rule, applicants may enter the program only as matriculating students.  
The department holds several workshops about program requirements and application procedures; interested students are encouraged to contact the department (718-997-5302) for application deadlines and further information.

Additional Comments:  
Once students are accepted, they will be invited to an orientation meeting.

**Major Requirements - Overall**

Type  
Completion Requirement

Earn at least 36 credits

Additional Comments:

## ECHED-MAT - Early Childhood Education

### Overview

Institution Code  
QNS01

Official Name of Program  
Early Childhood Education

Plan Code ECHED-MAT	Department(s) Sponsoring Program Elementary and Early Childhood Education
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Career Graduate	Degree Designation MAT - Master of Arts in Teaching
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## ECHED-MSED - Early Childhood Education (B-2)

### Overview

Institution Code  
QNS01

Official Name of Program  
Early Childhood Education (B-2)

Plan Code ECHED-MSED	Department(s) Sponsoring Program Elementary and Early Childhood Education
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Career Graduate	Degree Designation MSED - Master of Science in Education
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### Requirements

#### Simple Requisites

Major Requirements - Special Requirements for Admission  
Type  
Completion Requirement

Students are required to hold a bachelor's degree with a minimum cumulative GPA of 3.0, and a NYS initial certificate in childhood education, (grades 1 through 6), or early childhood (birth through grade 2) or substantial equivalent. Applicants may be required to provide writing

**Major Requirements - Core**

Type  
Completion Requirement

- Complete ALL of the following Courses:
- EECE 703 - Classroom Realities in Diverse Settings
  - EECE 710 - Ecological Perspectives on Development: The Early Years
  - EECE 721 - Professional Issues in Early Childhood
  - EECE 722 - Language Development and Multilingualism in Early Childhood
  - EECE 724 - Curriculum and Environmental Design for Early Childhood, Part I
  - EECE 725 - Curriculum and Environmental Design for Early Childhood, Part II
  - EECE 728 - Integrating Expressive Arts into the Early Childhood Curriculum.
  - EECE 737 - Infants and Toddlers: Curriculum and Teaching
  - EECE 780 - Introduction to Educational Research
  - EECE 781 - Inquiry into Teaching.

Additional Comments:

**Major Requirements - Elective**

Type  
Completion Requirement

- Fulfill ALL of the following requirements:
- Complete ALL of the following Courses:
- EECE 730 - Practicum in Early Childhood
- Students are required to have a minimum of 50 hours of course related field experience prior to the practicum.

AND

Earn at least 3 credits  
See Advisor for Recommendations.

Additional Comments:

For students entering the program with NYS provisional certification in Pre-K-6 (this certificate was awarded through February 2, 2004), EECE 730 is not required. Instead, students take an additional course within their specialization.

## EDINL-MSED - Education and Instruction Leadership

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Education and Instruction Leadership

**Plan Code**

EDINL-MSED

**Department(s) Sponsoring Program**

Secondary Education and Youth Services

**Career**

Graduate

**Degree Designation**

MSED - Master of Science in Education

**Complete ALL of the following Courses:**

- ECPEL 880 - Leadership Theory and Practice.
- ECPEL 881 - Curriculum and Supervision.
- ECPEL 882 - School Finance
- ECPEL 883 - Human Relations for the Educational Leader.
- ECPEL 885 - Legal Problems in Public Education: Political and Economic Implications.
- ECPEL 886 - Management of Teaching and Learning for Administrators
- ECPEL 887 - Technology for School Leaders
- ECPEL 888 - Critical Issues and Guidelines
- ECPEL 890 - Guided Field Experience in Administration and Supervision.
- ECPEL 891 - Leadership for Diverse Populations
- ECPEL 892 - Action Research for School District Leaders.
- ECPEL 893 - School District Organization, Supervision and Administration.

**Additional Comments:**

### Requirements

**Simple Requisites**

**Major Requirements - Special Requirements to Admission**

**Type**

Completion Requirement

A four-year undergraduate degree or master's in liberal arts or science from an accredited postsecondary institution, with a minimum 3.0 grade point average.

A minimum of a year of full-time teaching experience in a public or private school and NYSED Initial Certification in a teaching area.

Three letters of recommendation that attest to the applicant's supervisory leadership experience or potential.

A well-written statement of approximately 1,000 words detailing reasons for the applicant's interest in the Instructional Leadership program, including relevant experiences and responsibilities.

**Additional Comments:**

Those applicants who meet the above requirements will be invited to interview with two full-time faculty members. Acceptance to the program will be based on faculty assessment of an applicant's potential for success in the program (knowledge, skills, and dispositions) and, later, as a professional education leader.

**Major Requirements - Overall**

**Type**

Completion Requirement

Earn at least 36 credits

Earn an average grade of B

**Additional Comments:**

**Major Requirements - Core**

**Type**

Completion Requirement

## EDLCO-MSED - Educational Leadership Companion

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Educational Leadership Companion

**Plan Code**

EDLCO-MSED

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

MSED - Master of Science in Education

## EDLD-MSED - Educational Leadership

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Educational Leadership

**Plan Code**

EDLD-MSED

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

MSED - Master of Science in Education

### Requirements

**Simple Requisites**

**Major Requirements - Special Requirements to Admission**

**Type**

Completion Requirement

Both baccalaureate and master's degrees, with a minimum grade-point average (GPA) of 3.0, from approved postsecondary institutions. Queens College may specify certain additional graduate courses to be completed before the candidate is admitted to the program. Evidence of achievement at the undergraduate and graduate levels will be given primary emphasis in

the admissions process.
A minimum of three years of successful full-time teaching or related experience in a public, private or parochial school, or at the college or university level— at least one year of which has been in the past five years.
A minimum of three professional recommendations from supervisors that attest to the applicant's supervisory/leadership experiences and potential.
A written statement of approximately 1,000 words detailing reasons for the applicant's interest in the educational leadership program, including relevant experiences and responsibilities that give evidence of leadership potential.
A formal interview (TB) with at least two members of the full-time faculty.
All candidates must represent the program's high standards of integrity, honesty, emotional stability, and commitment to foster these qualities in future administrators through course work, internships, and school building and district rapport and relationships.
<b>Additional Comments:</b>

<b>Major Requirements - Overall</b>
Type
Completion Requirement
Earn at least 36 credits
Earn an average grade of B Candidates who achieve a course grade of less than a B- or who fail to demonstrate professional dispositions or behaviors must meet with the program advisors. Candidates' performance will be reviewed by the program advisors every semester.
<b>Additional Comments:</b> All candidates must meet appropriate academic and scholarship standards to remain in the program and to complete the program. Candidates must also demonstrate appropriate personal professional, and ethical conduct as established by the program and their respective professions (i.e., ethical and professional standards in educational leadership). Candidates are expected to abide by the CUNY Policy on Academic Integrity. All candidates are subject to review, and sanctions, including dismissal, as a result of academic and/or professional deficiencies.

<b>Major Requirements - Core</b>
Type
Completion Requirement
Complete ALL of the following Courses: <ul style="list-style-type: none"> <li>• ECPEL 880 - Leadership Theory and Practice.</li> <li>• ECPEL 881 - Curriculum and Supervision.</li> <li>• ECPEL 882 - School Finance</li> <li>• ECPEL 883 - Human Relations for the Educational Leader.</li> <li>• ECPEL 884 - Data For School Planning</li> <li>• ECPEL 885 - Legal Problems in Public Education: Political and Economic Implications.</li> <li>• ECPEL 886 - Management of Teaching and Learning for Administrators</li> <li>• ECPEL 887 - Technology for School Leaders</li> <li>• ECPEL 888 - Critical Issues and Guidelines</li> </ul>

<ul style="list-style-type: none"> <li>• ECPEL 890 - Guided Field Experience in Administration and Supervision.</li> <li>• ECPEL 894 - Supervisory Practicum</li> <li>• ECPEL 892 - Action Research for School District Leaders.</li> <li>• ECPEL 893 - School District Organization, Supervision and Administration.</li> </ul>
<b>Additional Comments:</b>

## EDMAT-AC - Mathematics Education 1-6th Grades

### Overview

<b>Institution Code</b>	QNS01
<b>Official Name of Program</b>	Mathematics Education 1-6th Grades
<b>Plan Code</b>	EDMAT-AC
<b>Department(s) Sponsoring Program</b>	Elementary and Early Childhood Education
<b>Career</b>	Graduate
<b>Degree Designation</b>	ADV CERPM - Advanced Certificate Post Master's

### Requirements

<b>Simple Requisites</b>
<b>Certificate Requirements - Overall</b>
Type
Completion Requirement
Earn at least 15 credits
Earn a minimum GPA of 3.0
<b>Additional Comments:</b>

<b>Certificate Requirements - Core</b>
Type
Completion Requirement
Complete ALL of the following Courses: <ul style="list-style-type: none"> <li>• EECE 736 - Mathematics for Young Children</li> <li>• EECE 750 - Learning and Technology in Early Childhood and Childhood</li> <li>• EECE 751 - Teaching Mathematics in the Elementary School</li> <li>• EECE 752 - Mathematical Snapshot: Mathematics in Everyday Life</li> <li>• EECE 756 - Geometry, Art, and Mathematical Thinking</li> </ul>
<b>Additional Comments:</b>

## EECHED-AC - Early Childhood Education B-2

### Overview

<b>Institution Code</b>	QNS01
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**Official Name of Program**

Early Childhood Education B-2

**Plan Code**

EECHED-AC

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

ADVCERP - Advanced Certificate Post Baccalaureate

**Requirements**

No Requirements

**EGEOSCI-MS - Applied Environmental Geoscience**

**Overview**

**Institution Code**

QNS01

**Official Name of Program**

Applied Environmental Geoscience

**Plan Code**

EGEOSCI-MS

**Department(s) Sponsoring Program**

School of Earth and Environmental Sciences

**Career**

Graduate

**Degree Designation**

MS - Master of Science

**Requirements**

**Simple Requisites**

**Major Requirements - Special Requirements for Admission**

**Type**

Completion Requirement

The department requires that all students have taken a course in physical geology and a course in historical geology. However, recognizing that undergraduates may have studied in many different fields of earth sciences, additional expected undergraduate training may be in a broad array of subjects, including most of the following: minerals; igneous, sedimentary and metamorphic petrography; surficial processes/geomorphology; sedimentation and stratigraphy; structural geology and earth internal processes; oceanography, climatology; evolution and paleontology; geochemistry, geophysics, and ecology; field geology (an approved field course).

The department's graduate committee may waive the above requirements—except physical geology and historical geology—for students with a strong background in science who may wish to pursue studies in special fields such as hydrology, geophysics, geochemistry, or environmental sciences.

The Graduate Record Exam (GRE), verbal and quantitative, with official scores submitted to the department.

Differential and integral college calculus, two semesters of college physics, and two semesters of college chemistry. College biology may be substituted for one semester of physics if appropriate.

Students may be accepted with deficiencies in mathematics or allied

sciences but must remove those deficiencies by taking the necessary undergraduate courses without credit. Deficiencies must be removed before the student may proceed beyond 12 credits of graduate work in geology.

Advanced standing (not exceeding 12 credits) may be granted to students who have taken graduate courses in geology at other institutions with a minimum grade of B or the equivalent.

**Additional Comments:**

These requirements are in addition to the college requirements for admission.

**Major Requirements - Overall**

**Type**

Completion Requirement

Earn at least 36 credits

**Residence**

A minimum of two full semesters, and 18 credits of coursework in the School of Earth and Environmental Sciences at Queens College.

**Certification**

The student's advisors shall oversee the internship work and shall certify to the Office of Graduate Studies the satisfactory completion of all academic requirements for the Master of Science in Education degree by the candidate.

**Additional Comments:**

**Major Requirements - Core**

**Type**

Completion Requirement

**Environmental Geosciences Core Courses**

Requirements for Matriculation (in addition to the College requirements for admission) Satisfactory completion of the following curriculum of coursework: 30 credits, and a 6 credit internship. In exceptional cases, some courses may be waived because of transfer credits or professional experience. In addition, unless they have an undergraduate geology major, students must take Geology 701 and Geology 702 during their first year.

**Fulfill ALL of the following requirements:**

Environmental Geosciences Core Courses

**Complete ALL of the following Courses:**

- GEOL 745 - Hydrology
- **OR** GEOL 746 - Groundwater Hydrology
- GEOL 760 - Environmental Geochemistry
- GEOL 762 - Shallow Subsurface Geophysics
- GEOL 763 - Geographic Information Systems and Geologic Mapping

AND

Environmental Geosciences Methods Courses

**Complete ALL of the following Courses:**

- GEOL 761 - Field Methods in Hydrology
- GEOL 766 - Analytical Techniques in Environmental Geosciences.
- GEOL 767 - Field Techniques in Environmental Sciences

**Additional Comments:**

**Major Requirements - Elective**

Type

Completion Requirement

Complete at least 3 of the following courses:

- GEOL 742 - Stratigraphy
- GEOL 747 - Coastal and Estuarine Geology
- GEOL 750 - Environmental Geology
- GEOL 764 - Contaminant Hydrology
- GEOL 765 - Surface Processes and Products
- GEOL 768 - Soils, Wetlands, and Bioremediation

**Additional Comments:**

**Major Requirements - Internship**

Type

Completion Requirement

Complete ALL of the following Courses:

- GEOL 7886 - Cooperative Education Placement

This semester- or summer-long internship is in lieu of a thesis project and must be arranged with an organization, firm, or agency in which hands-on experience is obtained. A program of internship work must be approved by the department's internship committee and representatives of the internship organization. A substantive final report must be prepared and presented by the student.

**Additional Comments:**

## ENGL-MA - English

### Overview

Institution Code

QNS01

Official Name of Program

English

Plan Code

ENGL-MA

Department(s) Sponsoring Program

English

Career

Graduate

Degree Designation

MA - Master of Arts

### Requirements

Simple Requisites

**Major Requirements - Special Requirements for Admission**

Type

Completion Requirement

A minimum of an average grade of B in all undergraduate work and in all English courses.

A minimum of 24 undergraduate credits in English or American literature; at the discretion of the department, fewer courses may be acceptable for full matriculation.

Three satisfactory letters of recommendation, preferably from instructors

in English, addressing the candidate's academic proficiency.

One satisfactory essay, 10-15 pages in length, showing an understanding of higher-level literary study and mastery of writing skills.

A 500-word statement of interest explaining why you wish to pursue a master's degree in English at Queens College

**Additional Comments:**

Fulfillment of these requirements does not guarantee admission; it simply makes a student eligible for consideration.

Students who do not meet the above requirements may be permitted to enter with deficiency courses (undergraduate courses required to achieve the minimum number of undergraduate credits), or as probationary matriculants (requiring the first 12 credits of coursework to achieve a minimum average of B). Students who do not meet these requirements may also request that the Director of Graduate Studies consider them for nonmatriculated student status.

**Major Requirements - Overall**

Type

Completion Requirement

Fulfill ALL of the following requirements:

Earn at least 30 credits

AND

Earn an average grade of B

Students may transfer up to 12 credits of graduate work from an accredited institution that correlates to courses in the English Department at Queens College, subject to the approval of the Director of Graduate Studies

The MA degree must be completed within four calendar years of admission, calculated from the date of the first graduate course for which credit is granted, whether it was taken at Queens or at another institution. Students who require more time may apply for an extension subject to the approval of the Director of Graduate Studies and the Dean of Graduate Studies.

**Additional Comments:**

Students whose performance does not meet the standards of the English Department may be told to leave the program, including students whose behavior is disruptive or whose overall grade-point average falls below a B. Such cases will be addressed by the Director of Graduate Studies and the Dean of Graduate Studies.

**Major Requirements - Core**

Type

Completion Requirement

Earn at least 30 credits, distributed as follows:

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:

- ENGL 701 - Seminar in Graduate Methodology
- ENGL 636 - History of Literary Criticism

AND

7 Electives

**Earn at least 21 credits**

An elective is any English course of your choosing at the 600 or 700 level (excluding the creative writing workshops and craft classes, ENGL 751-763, which are reserved for MFA students). With the approval of the Director of Graduate Studies, students may also take graduate courses in other departments at Queens College and across the CUNY system.

AND

**Complete ALL of the following Courses:**

- ENGL 791 - Thesis Course

Students write an article-length thesis essay under the guidance of an advisor and a second reader, and within the context of this 3-credit workshop course.

Additional Comments:

## ENGLED-MAT - Adolescent English Education Grades 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Adolescent English Education Grades 7-12

Plan Code

ENGLED-MAT

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

MAT - Master of Arts in Teaching

### Requirements

#### Simple Requisites

**Major Requirements - Overall**

Type

Completion Requirement

Earn at least 42 credits

Additional Comments:

**Major Requirements - Core**

Type

Completion Requirement

**Complete ALL of the following Courses:**

- SEYS 536 - Educational Foundations
- SEYS 552 - Educational Psychology

**Complete at least 1 of the following courses:**

- SEYS 560 - Methods of Teaching English in Middle and High School
- SEYS 552 - Educational Psychology
- SEYS 560 - Methods of Teaching English in Middle and

**High School**

- SEYS 561 - Methods of Teaching Mathematics in Middle and High School
- SEYS 562 - Methods of Teaching Science in Middle and High School
- SEYS 563 - Methods of Teaching Social Studies in Middle and High School
- SEYS 564 - Methods of Teaching Foreign Language in Middle and High School
- SEYS 565 - Methods of Standards-based Curriculum and Assessment in Teaching the Visual Arts
- EECE 533 - Advanced Methods in Teaching Elementary Art, Pre-K-6

**Complete at least 1 of the following courses:**

- SEYS 5702 - Initial Clinical Experience in English for Secondary School

Additional Comments:

**Major Requirements - Content Courses**

Type

Completion Requirement

Additional Comments:

## ESCIED-AC - Earth Science Teaching

### Overview

Institution Code

QNS01

Official Name of Program

Earth Science Teaching

Plan Code

ESCIED-AC

Department(s) Sponsoring Program

School of Earth and Environmental Sciences

Career

Graduate

Degree Designation

ADV CERPB - Advanced Certificate Post Baccalaureate

### Requirements

#### Simple Requisites

**Matriculation Requirements**

Type

Prerequisite

Teachers matriculate directly into the Advanced Certificate Program and pay CUNY graduate tuition.

Applicants must submit a copy of their current teaching certification to demonstrate appropriate pedagogy background.

These requirements are in addition to the [general requirements for matriculation](#).

Additional Comments:

**Certificate Requirements - Overall**

Type

Completion Requirement

Earn at least 20 credits

Additional Comments:

Certificate Requirements - Courses

Type

Completion Requirement

Complete ALL of the following Courses:

- GEOL 501 - Earth Composition and Earth Processes
- GEOL 502 - Earth History and the Fossil Record
- GEOL 520 - Meteorology
- GEOL 521 - Oceanography
- GEOL 522 - Applied Geologic Reasoning: Geology of New York State
- PHYS 502 - Modern Aspects of Astronomy

Additional Comments:

## ETHEQTP-AC - Ethical and Equitable Practice

### Overview

Institution Code

QNS01

Official Name of Program

Ethical and Equitable Practice

Plan Code

ETHEQTP-AC

Department(s) Sponsoring Program

School of Education

Career

Graduate

Degree Designation

ADVCERP - Advanced Certificate Post Baccalaureate

### Requirements

Simple Requisites

Certificate Requirements - Special Requirements to Admission

Type

Completion Requirement

Applicants must complete the online graduate application and admissions essay.

The applicant's entire record is considered, including undergraduate and graduate gradepoint average (GPA), teaching and other experiences with children and adolescents, and demonstration of leadership and scholarship.

Earn an average GPA of 3.0

Additional Comments:

Certificate Requirements - Overall

Type

Completion Requirement

Earn at least 15 credits

Additional Comments:

Certificate Requirements - Core

Type

Completion Requirement

Complete ALL of the following Courses:

- SEYSL 702 - Literacy in Content Areas.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools
- SEYS 764 - The Secondary School Curriculum: Current Theories and Controversies.
- SEYS 768 - Measurement and Assessment in Education

Additional Comments:

## FAMED-MSED - Family and Consumer Science Teacher K-12

### Overview

Institution Code

QNS01

Official Name of Program

Family and Consumer Science Teacher K-12

Plan Code

FAMED-MSED

Department(s) Sponsoring Program

Family, Nutrition and Exercise Sciences

Career

Graduate

Degree Designation

MSED - Master of Science in Education

### Requirements

Simple Requisites

Major Requirement - Special requirement for Admission

Type

Completion Requirement

Earn a minimum B of 3.0

- Valid Initial Teaching Certification.
- Two letters of professional recommendation.
- A personal statement or essay.
- An interview may be required.

Additional Comments:

Major Requirement - Overall

Type

Completion Requirement

Earn at least 30 credits

Earn a minimum B of 3.0

Additional Comments:

Major Requirement - Core

Type



Completion Requirement

Complete ALL of the following Courses:

- FNES 636 - Technology Integration for Teaching and Learning in FCS
- FNES 643 - Teaching Diverse Student Populations Family and Consumer Sciences.
- FNES 731 - Research I: Action Research in Family & Consumer Sciences Education.
- FNES 732 - Research II: Assessment & Evaluation in Family & Consumer Sciences Education.
- FNES 747 - An Analysis of Teaching Family and Consumer Sciences.
- FNES 748 - Curriculum Development: Theories and Challenges for Family and Consumer Sciences
- FNES 753 - Building Relationships Inside and Outside the Classroom

Additional Comments:

Major Requirement - Electives

Type

Completion Requirement

Complete at least 3 of the following courses:

- FNES 727 - The Meanings of Dress
- FNES 728 - New Trends in Textiles and Apparel
- FNES 742 - Child Study Lab in Family and Consumer Sciences
- FNES 745 - The Child in the Family
- FNES 749 - Contemporary Home and Family Living
- FNES 751 - Resources for Consumer Education
- FNES 755 - Sustainability Practices in Family and Consumer Sciences
- FNES 760 - Food Trends and Issues in Family and Consumer Sciences
- FNES 781 - VT. Seminar in Family and Consumer Sciences Education  
**OR** FNES 782 - VT. Seminar in Family and Consumer Sciences Education

Additional Comments:

## FNES-MS - Nutrition and Exercise Sciences

### Overview

Institution Code

QNS01

Official Name of Program

Nutrition and Exercise Sciences

Plan Code

FNES-MS

Department(s) Sponsoring Program

Family, Nutrition and Exercise Sciences

Career

Graduate

Degree Designation

MS - Master of Science

### Requirements

Simple Requisites

Major Requirements - Special Requirements for Admission Type

Completion Requirement

An undergraduate degree in nutrition or dietetics (and verification of equivalent program)

Earn a minimum GPA of 3.0

Approval of the graduate nutrition and exercise sciences advisor

An interview may be required

Students without an undergraduate degree in one of the above areas must satisfy the following: a) An undergraduate degree with a minimum GPA of 3.0. b) A course in anatomy and physiology (BIOL 043\* or the equivalent). c) Two courses in nutrition (FNES 263\* and 264\* or the equivalent). d) A course in exercise physiology (FNES 342\* or the equivalent).

Additional Comments:

Major Requirements - Overall

Type

Completion Requirement

Earn at least 33 credits

Earn an average GPA of 3.0

Additional Comments:

Major Requirements - Nutrition and Exercise Sciences Specialization

Type

Completion Requirement

Fulfill ALL of the following requirements:

Core Courses

Complete ALL of the following Courses:

- FNES 702 - Statistical Methods in FNES.
- FNES 720 - Exercise Physiology
- FNES 725 - Measurement of Physical Fitness and Body Composition.
- FNES 726 - Internship in Adult Fitness and/or Cardiac Rehabilitation
- FNES 733 - Physical Activity, Health and Exercise Prescription I
- FNES 762 - Nutrition Counseling
- FNES 767 - Advanced Diet Therapy
- FNES 768 - Advanced Nutrition
- FNES 796 - Research Methods in Nutrition and Exercise Sciences

AND

Research Project or Elective Choice

Complete at least 1 of the following:

Complete at least 1 of the following courses:

- FNES 797 - Research Project in Nutrition and Exercise Sciences

OR

Must take written comprehensive examination with this choice.

Complete at least 1 of the following courses:

- FNES 719 - Cardiac Rehabilitation Programs
- FNES 722 - Exercise, Energy Balance, and Body Composition
- FNES 729 - Cardiovascular Disease, Electrocardiography and Stress Testing
- FNES 730 - Mechanical Analysis of Human Movement
- FNES 740 - Motor Learning and Performance.
- FNES 711 - VT: Contemporary Issues in FNES

Additional Comments:

**Major Requirements - Nutrition Specialization**

Type

Completion Requirement

Fulfill ALL of the following requirements:

Core Courses

Complete ALL of the following Courses:

- FNES 702 - Statistical Methods in FNES.
- FNES 711 - VT: Contemporary Issues in FNES
- FNES 717 - Geriatric Nutrition
- FNES 762 - Nutrition Counseling
- FNES 763 - Nutritional Pathophysiology I
- FNES 767 - Advanced Diet Therapy
- FNES 768 - Advanced Nutrition
- FNES 770 - Community Nutrition
- FNES 796 - Research Methods in Nutrition and Exercise Sciences

AND

Research Project or Elective Choice

Complete at least 1 of the following:

Complete at least 1 of the following courses:

- FNES 797 - Research Project in Nutrition and Exercise Sciences

Students interested in completing a research project in 797 should contact FNES faculty members as soon as possible to explore compatibility of research interests.

OR

A comprehensive examination **and** one graduate level course chosen from the list below:

Complete at least 1 of the following courses:

- FNES 707 - Cultural and Ethnic Foods
- FNES 710 - Enteral and Parenteral Nutrition Support
- FNES 711 - VT: Contemporary Issues in FNES
- FNES 764 - Nutritional Pathophysiology II
- FNES 765 - Resources for Nutrition Education
- FNES 773 - Internship in Dietetics I, II

- FNES 774 - Internship in Dietetics I, II
- FNES 775 - Advanced Food Service Management
- FNES 777 - Problems and Practices in Food Service Management
- FNES 7911 - Indep Study
- FNES 7921 - Indep Study

Additional Comments:

**Major Requirements - Exercise Science Specialization**

Type

Completion Requirement

Fulfill ALL of the following requirements:

Core Courses

Complete ALL of the following Courses:

- FNES 702 - Statistical Methods in FNES.
- FNES 720 - Exercise Physiology
- FNES 722 - Exercise, Energy Balance, and Body Composition
- FNES 725 - Measurement of Physical Fitness and Body Composition.
- FNES 726 - Internship in Adult Fitness and/or Cardiac Rehabilitation
- FNES 729 - Cardiovascular Disease, Electrocardiography and Stress Testing
- FNES 733 - Physical Activity, Health and Exercise Prescription I
- FNES 796 - Research Methods in Nutrition and Exercise Sciences

AND

Research Project or Elective Choice

Complete at least 1 of the following:

Complete at least 1 of the following courses:

- FNES 797 - Research Project in Nutrition and Exercise Sciences

OR

Complete at least 1 of the following courses:

- FNES 719 - Cardiac Rehabilitation Programs
- FNES 730 - Mechanical Analysis of Human Movement
- FNES 740 - Motor Learning and Performance.
- FNES 711 - VT: Contemporary Issues in FNES

Must take written comprehensive examination with this choice.

Additional Comments:

## FNESED-AC - Family and Consumer Science Teacher Education K-12

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Family and Consumer Science Teacher Education K-12

#### Plan Code

FNESED-AC

#### Department(s) Sponsoring Program

Family, Nutrition and Exercise Sciences

#### Career

Graduate

#### Degree Designation

ADVCEP - Advanced Certificate Post Baccalaureate

### Requirements

#### Simple Requisites

##### Major Requirement - Overview

###### Type

Completion Requirement

Earn a minimum GPA of 3.0

###### Additional Comments:

##### Major Requirement - Core

###### Type

Completion Requirement

###### Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 552 - Educational Psychology
- SEYS 700 - Language, Literacy, and Culture in Education.
- ECPSE 550 - Foundations of Special Education
- FNES 538 - Introduction to Teaching Family & Consumer Sciences.
- FNES 563 - Seminar in the Teaching of Family and Consumer Sciences
- FNES 637 - Contemporary Educational Trends and the Effect on Family and Consumer Sciences Curricula.
- FNES 574 - Student Teaching in Family and Consumer Sciences

Earn at least 6 credits

At least 6 semester hours, or its equivalent, of a language other than English.

###### Additional Comments:

## FREN-MA - French

### Overview

#### Institution Code

QNS01

#### Official Name of Program

French

#### Plan Code

FREN-MA

#### Department(s) Sponsoring Program

European Languages &amp; Literature

#### Career

Graduate

#### Degree Designation

MA - Master of Arts

### Requirements

#### Simple Requisites

##### Major Requirements - Matriculation

###### Type

Prerequisite

###### Fulfill ALL of the following requirements:

- A strong undergraduate concentration in either French or Italian, consisting normally of a minimum of 20 undergraduate elective credits.
- The credentials of each applicant are to be examined by a suitable departmental committee that shall have the authority to accept or reject the candidate. This committee may request an interview with a candidate for admission if it feels it is necessary to do so.

###### Additional Comments:

These requirements are in addition to the general requirements for admission.

##### Major Requirements - Core

###### Type

Completion Requirement

###### Fulfill ALL of the following requirements:

- Students must consult the graduate advisor in their language for assistance and guidance in working out an approved program of studies.
- Thirty credits are required for the Master of Arts degree. Completion of a thesis is optional. A minimum of 24 credits must be taken in the major language. The remaining credits may be taken with permission in a second language other than English.
- All students are required to take the appropriate seminar (781) and course (701).
- Students will be required to demonstrate their reading knowledge of another language other than English, in addition to their major language. A classical language may be substituted by special permission.
- An oral examination will be administered in the major language, in which students will be tested on their knowledge of the important authors and literary movements, and culture. A student may not attempt this examination more than twice.
- A thesis based on original research (791, 792, Special Problems) may be substituted for two courses. This thesis will normally be written in English, or, by special permission, in the foreign language of the major field of the student's concentration.

###### Additional Comments:

These requirements are in addition to the general requirements for the Master of Arts degree.

# GEOL-MA - Geological and Environment Sciences

## Overview

Institution Code  
QNS01

Official Name of Program  
Geological and Environment Sciences

Plan Code  
GEOL-MA

Department(s) Sponsoring Program  
School of Earth and Environmental Sciences

Career  
Graduate

Degree Designation  
MA - Master of Arts

## Requirements

### Simple Requisites

#### Major Requirements - Overall

Type  
Completion Requirement

Residence: A minimum of two full semesters, and 18 credits of coursework in the School of Earth and Environmental Sciences at Queens College.

Earn at least 30 credits

Additional Comments:

#### Major Requirements - Core

Type  
Completion Requirement

Earn at least 30 credits from the following:

- Geology 700 or higher Level Courses

Individual programs are organized to permit specialization in most areas of geology and related earth sciences. Unless they have an undergraduate geology major, students must take GEOL 701 and GEOL 702 during their first year. A student's advisory committee, established in the first year, must approve his/her individualized course of study. At the discretion of the committee and the graduate advisor, courses in other science departments may be included in the course of study.

Additional Comments:

#### Major Requirements - Thesis

Type  
Completion Requirement

Thesis: The thesis problem and mentor must be approved by the department

Additional Comments:

## HIST-MA - History

### Overview

Institution Code  
QNS01

Official Name of Program  
History

Plan Code  
HIST-MA

Department(s) Sponsoring Program  
History

Career  
Graduate

Degree Designation  
MA - Master of Arts

## Requirements

### Simple Requisites

#### Major Requirements - Research Track (Matriculated Before Fall 2018)

Type  
Completion Requirement

Fulfill ALL of the following requirements:

1. Thirty credits of coursework which must include HIST 791 (3 cr.) and HIST 796 (3 cr.).

AND

Earn at least 30 credits

2. An approved prospectus for the master's thesis. The prospectus is a detailed plan of what the student hopes to achieve with the thesis; the composition of a prospectus, typically around 12-15 pages, is largely the goal of HIST 796. The student must formally present, or "defend," the prospectus at a meeting of two faculty readers, who must approve it for the student to advance.

3. A master's thesis. The thesis is an original historical argument based on extensive research in both primary sources and secondary scholarship. It is written in consultation with a faculty advisor, who must formally approve the final draft. It must be a minimum of 16,000 words (approximately 65 pages).

Additional Comments:

The following are the requirements for the Research Track for students who matriculated before Fall 2018.

#### Major Requirements - Research Track (Matriculated After Fall 2019)

Type  
Completion Requirement

Fulfill ALL of the following requirements:

1. Thirty-three credits of coursework, which must include HIST 791 (3 cr.), HIST 796 (3 cr.), and one independent study HIST 798.3 (3 cr.) taken with the student's thesis advisor in preparation for graduation.

AND

Earn at least 30 credits

2. An approved prospectus for the Master's thesis. The

## IBEC-MSED - Integrated Bilingual Early Childhood Special Education

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Integrated Bilingual Early Childhood Special Education

**Plan Code**

IBEC-MSED

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

MSED - Master of Science in Education

### Requirements

#### Simple Requisites

#### Major Requirements - Overall

##### Type

Completion Requirement

Maintenance and Graduation Requirements

**Fulfill ALL of the following requirements:**

Once admitted, all candidates are expected to demonstrate professional behaviors and dispositions that are consistent with (a) the Core Values of the Education Unit at Queens College of "promoting Equity, Excellence, and Ethics in urban schools and communities;" and (b) the code of ethics for special education professionals, as adopted by the Delegate Assembly of the Council for Exceptional Children (2010). <https://www.cec.sped.org/Standards/Ethical-Principles-and-Practice-Standards>

————— AND —————

**Earn an average grade of B or higher in the following:**

- ECPSE 720 - Trends and Issues in the Education of Learners with Severe Disabilities  
**AND** ECPSE 722 - Applied Behavior Analysis and Positive Behavioral Supports

Candidates should meet with faculty advisor if they receive a grade lower than B in these two courses.

————— AND —————

**Earn an average GPA of 3.0**

Maintain a 3.0 GPA overall to register for internship course and research courses. Demonstrate professional dispositions and behavior to remain matriculated and to graduate.

————— AND —————

Meet with an advisor if they get a course grade lower than B- or if they demonstrate questionable professional dispositions or behavior. A candidate and his/her advisor will then make a plan to determine (a) how to rectify any academic or behavioral deficiencies, and (b) the conditions for continuing in the program.

————— AND —————

prospectus is a detailed plan of what the student hopes to achieve with the thesis; the composition of a prospectus, typically around 12–15 pages, is largely the goal of HIST 796. The student must formally present, or "defend," the prospectus at a meeting of two faculty readers, who must approve it for the student to advance.

3. A Master's thesis. The thesis is an original historical argument based on extensive research in both primary sources and secondary scholarship. It is written in consultation with a faculty advisor, who must formally approve the final draft. It must be a minimum of 16,000 words (approximately 65 pages). During the required independent study, students will consult with their advisor and finalize revisions of their thesis. This course should be taken after the student passes the prospectus defense exam (discussed above).

4. First Comprehensive Exam. At or near 18 credits, students must pass one comprehensive exam, regardless of the student's intention to pursue the Research Track.

#### Additional Comments:

The following are the requirements for the Research Track for students who matriculated in Fall 2019 or after.

#### Major Requirements - Professional Track

##### Type

Completion Requirement

**Fulfill ALL of the following requirements:**

1. Thirty-six credits of coursework, which must include HIST 791 (3 cr.).

————— AND —————

**Earn at least 36 credits**

2. Comprehensive exams. Students must pass two comprehensive exams in two broadly defined subject areas, which may be determined in consultation with the Director of Graduate Studies and relevant faculty members. Professional Track students take their first exam at or near 18 credits; the second is taken at or near 36 credits.

3. Capstone project. Students must complete a capstone project, which may be determined in consultation with the Director of Graduate Studies. The capstone is typically an electronic portfolio of papers that a student has written in coursework. An oral presentation delivered in a departmental context, conference paper, or a collection of other examples of historical work may also be considered, with approval from the Director of Graduate Studies.

#### Additional Comments:



4. Students will be required to demonstrate their reading knowledge of another language other than English, in addition to their major language. A classical language may be substituted by special permission.

AND

5. An oral examination will be administered in the major language, in which students will be tested on their knowledge of the important authors and literary movements and culture. A student may not attempt this examination more than twice.

AND

6. A thesis based on original research (791, 792, Special Problems) may be substituted for two courses. This thesis will normally be written in English, or, by special permission, in the foreign language of the major field of the student's concentration.

Additional Comments:

## LANGMIN-AC - Language Minority Education Birth-6th Grade

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Language Minority Education Birth-6th Grade

**Plan Code**

LANGMIN-AC

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

ADVCERPM - Advanced Certificate Post Master's

## LBHS-MLSMA - Library Science and History

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Library Science and History

**Plan Code**

LBHS-MLSMA

**Department(s) Sponsoring Program**

Graduate Library Science, History

**Career**

Graduate

**Degree Designation**

MLSMA - Master Library Science/ Master of Arts

### Requirements

#### Simple Requisites

**Major Requirements - Overall**

**Type**

Completion Requirement

Earn at least 54 credits

Additional Comments:

#### Major Requirements - Core

**Type**

Completion Requirement

Earn at least 12 credits from the following:

- LBSCI 700 - The Technology of Information
- LBSCI 701 - Fundamentals of Library and Information Science
- LBSCI 702 - Information Sources and Service: General
- LBSCI 703 - Information Organization

Additional Comments:

#### Major Requirements - Electives

**Type**

Completion Requirement

Earn at least 12 credits

Any other four LBSCI graduate courses.

Additional Comments:

## LBSCI-MLS - Library Science

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Library Science

**Plan Code**

LBSCI-MLS

**Department(s) Sponsoring Program**

Library

**Career**

Graduate

**Degree Designation**

MLS - Master of Library Science

### Requirements

#### Simple Requisites

**Masters Requirements - Overall**

**Type**

Completion Requirement

Earn at least 36 credits

Earn a minimum GPA of 3.0

#### Degree Requirements

All requirements for the degree must be completed within four years after admission to the program or four years after the first course was credited, including credits earned as a non-matriculant or credits transferred. Extensions of time may be granted under compelling circumstances.

Additional Comments:

#### Masters Requirements - Core





Additional Comments:

## LIBMESP-AC - Library Media Specialist

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Library Media Specialist

**Plan Code**

LIBMESP-AC

**Department(s) Sponsoring Program**

Library

**Career**

Graduate

**Degree Designation**

ADV CERPM - Advanced Certificate Post Master's

### Requirements

#### Simple Requisites

#### Post-Masters Certificate Requirements - Admission Requirements

**Type**

Prerequisite

**Fulfill ALL of the following requirements:**

Applicants to this program must first be admitted to GSLIS via the standard application procedure. Upon acceptance to GSLIS, students will be required to produce documentation of their completion of a Master's Degree in Library [and Information] Studies [Science] at an American Library Association accredited library program. They will be interviewed by the LMS Program Coordinator who will review their prior transcripts to ascertain whether applicants have the Core Liberal Arts and Science background required by NYSED for teachers. NYSED specifies exactly what type of coursework is acceptable for each of these areas at [www.highered.nysed.gov/tcert](http://www.highered.nysed.gov/tcert). Applicants lacking any part of this requirement will be required to complete this coursework at an accredited institution of higher education before acceptance to the Advanced Certificate Program in LMS.

Core Liberal Arts and Science:

**Earned at least 30 credits from the following:**

Artistic Expression

Communication

Information Retrieval

Humanities

Language Other Than English

Written Analysis and Expression

History and Social Sciences

Scientific Processes

Mathematical Processes

**Writing Sample:**

Applicants will be required to complete a satisfactory onsite writing sample evaluated by the LMS Program Coordinator.

Additional Comments:

#### Post-Masters Certificate Requirements - Overall

**Type**

Completion Requirement

Earn at least 27 credits

Additional Comments:

#### Post-Masters Certificate Requirements - Required

**Type**

Completion Requirement

Education Courses

**Complete ALL of the following Courses:**

- EECE 702 - Social Foundations of Education
- SEYS 705 - School and Society
- EECE 711 - Ecological Perspectives on Development: THE Childhood Years
- SEYS 710 - The Psychology of Adolescence
- ECPSE 700 - Foundations of Special Education

LMS Courses

**Complete ALL of the following Courses:**

- LBSCI 737 - Materials for Children
- LBSCI 761 - Organization and Management: School Library Media Centers
- LBSCI 764 - Information Literacy Instruction for K-12
- LBSCI 765 - Resources for the School Curriculum
- LBSCI 767 - Reading Motivation Techniques for Children and Adolescents
- LBSCI 795 - Internship. Fieldwork

**Field Experience and Internship:**

Successful completion of this program requires 100 hours of LMS field observation, 20 hours of ECPSE field observation and 40 full days of internship experience to be completed as per NYSED requirements for registered LMS programs and as specified during functioning school hours. Students must be able to arrange their personal and professional schedules to comply with these requirements.

**New York State Testing, Workshop, and Other Requirements:**

Applicants for LMS teacher certification in NYS must satisfy all NYS teacher certification testing, workshops, and other requirements stipulated by NYSED in order to receive their teacher certification from New York State. NYS required workshops can be taken at Queens College through the Office of Continuing Education.

Additional Comments:

## LIBPOST-AC - Librarianship - Post Master's

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Librarianship - Post Master's

**Plan Code**

LIBPOST-AC

**Department(s) Sponsoring Program**

Graduate Library Science

**Career**

Graduate

**Degree Designation**

ADV CERPM - Advanced Certificate Post Master's

## Requirements

### Simple Requisites

#### Post -Masters Certificate Requirements - Admission Requirements

##### Type

##### Prerequisite

##### Fulfill ALL of the following requirements:

- A master's degree in Library/Information Studies from an ALA-accredited program.
- A minimum of two years of professional experience in library/information services or evidence of highly specialized needs that warrant advanced studies.
- An interview with a GSLIS representative.
- A 500-word statement of the candidate's professional objectives, specifying his/her special needs or interests.
- Three letters of reference from library/information service professionals and/or instructors in library/information studies.

##### Additional Comments:

#### Post -Masters Certificate Requirements - Overall

##### Type

##### Completion Requirement

Earn at least 27 credits

Earn a minimum Grade of B

##### Additional Comments:

#### Post -Masters Certificate Requirements - Required

##### Type

##### Completion Requirement

##### Fulfill ALL of the following requirements:

The Certificate in Post-Master's Studies in Librarianship will be awarded upon the completion of ten three-credit courses with a grade in each course of B or better. Each course must be part of an approved program of studies that includes the preparation of an independent research project or an independent special project. All requirements must be completed within a three-year period. An individually tailored program will be formulated by each student and his/her faculty advisor, in accordance with the curriculum.

##### Additional Comments:

## LIBST-MA - Liberal Studies

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Liberal Studies

#### Plan Code

LIBST-MA

#### Career

Graduate

#### Department(s) Sponsoring Program

School of Arts and Humanities

#### Degree Designation

MA - Master of Arts

## LINGAP-MA - Applied Linguistics

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Applied Linguistics

#### Plan Code

LINGAP-MA

#### Career

Graduate

#### Department(s) Sponsoring Program

Linguistics & Communication Disorders

#### Degree Designation

MA - Master of Arts

### Requirements

#### Simple Requisites

#### Masters Requirements - Admission Requirements

##### Type

##### Completion Requirement

Earn a minimum GPA of 3.0

##### TOEFL:

Applicants whose first language is not English and who do not hold an undergraduate or graduate degree from an accredited American institution of higher education must submit proof of having passed the Test of English as a Foreign Language (TOEFL) with the following minimum scores: 600 (paper-based test), 250 (computer-based test), 100 (Internet-based test).

##### Recommendation:

Three letters of recommendation.

##### Essay:

A personal essay of approximately 500 words.

##### Interview:

The credentials of each applicant will be examined by the Linguistics Graduate Admissions Committee. An interview may be requested.

##### Additional Comments:

The number of applicants approved for matriculation is limited by available resources; therefore, applicants who otherwise meet minimum requirements for matriculation may not necessarily be admitted.

#### Masters Requirements - Overall

##### Type

##### Completion Requirement

Earn a minimum GPA of 3.0

##### Program of Study:

All students must file a Program of Study form with the graduate advisor.

##### Additional Comments:

#### Masters Requirements - Core

##### Type

##### Completion Requirement

## LRNTECH-AC - Educational and Learning Technologies

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Educational and Learning Technologies

**Plan Code**

LRNTECH-AC

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

ADVCERPB - Advanced Certificate Post Baccalaureate

### Requirements

**Simple Requisites**

**Certificate Requirements - Overall**  
**Type**  
 Completion Requirement

Earn at least 15 credits

Earn a minimum GPA of 3.0

**Additional Comments:**

**Certificate Requirements - Special Requirements for Admission**  
**Type**  
 Completion Requirement

Admission is limited, competitive, and open to individuals who hold initial or professional New York State Teaching Certification and a master's degree in any secondary or elementary content area, including Literacy, English, Social Studies, Mathematics, Science, Music, Art, Physical Education, TESOL, World Languages, Special Education, and Elementary Education. Applicants must complete the college's online graduate application and admissions essay. The applicant's entire record is considered, including undergraduate and graduate GPA, teaching and other experiences with children and adolescents, and demonstration of leadership and scholarship. An overall GPA of 3.0 is required. The GRE examination and letters of recommendation are not required for admission. For more information, please contact the program coordinator, Dr. Jacqueline Darvin, via email at: JDarvin@qc.cuny.edu

**Additional Comments:**

**Certificate Requirements - Required Courses**  
**Type**  
 Completion Requirement

**Complete ALL of the following Courses:**

- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 717 - Learning Theory in Education.
- SEYS 755 - Practical Applications in Educational Technology
- SEYS 757 - Student Use of Technology
- SEYS 787 - Seminar in Action Research in Secondary

Earn at least 36 credits from the following:

- LCD 701 - Introduction to Linguistics
- LCD 702 - Teaching English Sentence Structure I
- LCD 703 - Teaching English Sentence Structure II
- LCD 705 - Language and Cross-Cultural Communication.
- LCD 706 - Bilingualism
- LCD 707 - Evaluation and Measurement in TESOL.
- LCD 720 - Teaching English Sound Structure
- LCD 7403 - Second Language Acquisition and Teaching
- LCD 7413 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing
- LCD 742 - Methods and Materials of TESOL: The Content Areas
- LCD 750 - Practicum in Adult TESOL
- LCD 790 - Seminar in Research in TESOL

**Additional Comments:**

## LITCYB6-AC - Literacy Teacher, Birth - Grade 6

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Literacy Teacher, Birth - Grade 6

**Plan Code**

LITCYB6-AC

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

ADVCERPB - Advanced Certificate Post Baccalaureate

### Requirements

**Simple Requisites**

**Certificate Requirements - Admission Requirements**  
**Type**  
 Completion Requirement

**Fulfill ALL of the following requirements:**  
 To be admitted to any of these post-master's programs, the student must have earned a master's degree and teacher certification.

There is no GPA requirement.

Interested students should contact the department office (718-997-5302).

**Additional Comments:**

**Certificate Requirements - Overall**  
**Type**  
 Completion Requirement

Earn at least 18 credits

Earn a minimum GPA of 3.0

**Additional Comments:**

Education and Technology

Additional Comments:

## LTACY-MSED - Literacy Teacher: Birth-Grade 6

### Overview

Institution Code

QNS01

Official Name of Program

Literacy Teacher: Birth-Grade 6

Plan Code

LTACY-MSED

Department(s) Sponsoring Program

Elementary and Early Childhood  
Education

Career

Graduate

Degree Designation

MSED - Master of Science in Education

### Requirements

#### Simple Requisites

#### Masters Requirements - Admission Requirements

Type

Completion Requirement

Fulfill ALL of the following requirements:

Initial Certificate as a classroom teacher as a part of the application.

Earn a minimum GPA of 3.0

Additional Comments:

#### Masters Requirements - Overall

Type

Completion Requirement

Earn at least 33 credits

Additional Comments:

#### Masters Requirements - Foundations, Theory, and Research

Type

Completion Requirement

Earn at least 18 credits from the following:

- EECE 731 - Teaching Beginning Reading and Writing
- EECE 745 - The Reading-Writing Connection
- EECE 746 - Nonfiction for Children
- EECE 773 - Families, Stories, and Literacy
- EECE 780 - Introduction to Educational Research
- EECE 782 - Teacher as Researcher

Additional Comments:

#### Masters Requirements - Professional Specialization

Type

Completion Requirement

Earn at least 15 credits from the following:

- EECE 764 - Instruction and Assessment Across the Curriculum for Bilingual Learners
- EECE 801 - The Role of the Literacy Specialist
- EECE 803 - Assessment and Instruction I
- EECE 804 - Assessment and Instruction II
- EECE 805 - Practicum

Additional Comments:

## MAP-ADVCT - Music and Production

### Overview

Institution Code

QNS01

Official Name of Program

Music and Production

Plan Code

MAP-ADVCT

Department(s) Sponsoring Program

Aaron Copland School of Music

Career

Graduate

Degree Designation

ADVCPB - Advanced Certificate Post  
Baccalaureate

### Requirements

#### Simple Requisites

#### Advanced Certificate Requirements - Admission Requirements

Type

Completion Requirement

#### Interview

Admission into the program requires an initial interview. During this interview, faculty will assess the applicant's current level of technical skill and experience.

Additional Comments:

#### Advanced Certificate Requirement - Core

Type

Completion Requirement

Earn at least 15 credits from the following:

- MUSIC 737 - Organology (Inactive)
- MUSIC 740 - Digital Recording and Composition I
- MUSIC 741 - Digital Recording and Composition II
- MUSIC 735 - Audio and MIDI Sequencing I
- MUSIC 736 - Audio and MIDI Sequencing II

Complete at least 1 of the following courses:

- MUSIC 720 - Advanced Orchestration
- MUSIC 721 - Music Business
- MUSIC 727 - Electronic Music Mixing
- JAZZ 705 - Jazz Arranging and Composition I
- JAZZ 706 - Jazz Arranging and Composition II
- MUSIC 7902 - VT: Special Topics
- MUSIC 702 - Critical and Theoretical Approaches to Music Scholarship
- MUSIC 7902 - VT: Special Topics

Other courses in Media Studies, Computer Science, Physics, Visual Arts, and Film may be allowable at the discretion of the faculty.

Additional Comments:

## MATH-MA - Mathematics

### Overview

Institution Code

QNS01

Official Name of Program

Mathematics

Plan Code

MATH-MA

Department(s) Sponsoring Program

Mathematics

Career

Graduate

Degree Designation

MA - Master of Arts

### Requirements

#### Simple Requisites

#### Major Requirements - Matriculation

Type

Completion Requirement

#### Fulfill ALL of the following requirements:

- To be admitted to the program, a candidate must have at least 25 credits in advanced courses in mathematics and related fields (such as computer science and physics). At least 12 credits must be in mathematics, including advanced calculus and linear algebra, with an average of at least B in the mathematics courses. Applicants not meeting these requirements must secure special permission from the department and may be required to take courses to remove the deficiencies without receiving graduate credit.
- At least two of the written recommendations must be from the applicant's undergraduate instructors and must deal with the ability of the applicant to pursue graduate work in mathematics.
- The applicant must have the approval of the Graduate Advisor.
- The applicant's plan of study must be approved by the department.

Additional Comments:

These requirements are in addition to the general requirements for admission.

#### Major Requirements - Overall

Type

Completion Requirement

Additional Comments:

These requirements are in addition to the general requirements for the Master of Arts degree. The Department of Mathematics offers the student the opportunity to obtain the Master of Arts degree either in Pure Mathematics or with a concentration in Applied Mathematics. Students pursuing a master's degree in Mathematics may use only use 600- and 700-level courses for the 30 credits required for graduation and to meet the 3.0 GPA requirement.

#### Major Requirements - Concentration

Type

#### Completion Requirement

#### Fulfill ANY of the following requirements:

Pure Mathematics

Complete ALL of the following Courses:

- MATH 602 - Abstract Algebra II  
**OR** MATH 702 - Modern Abstract Algebra I
  - MATH 616 - Ordinary Differential Equations
  - MATH 620 - Point-Set Topology  
**OR** MATH 720 - Algebraic Topology
  - MATH 621 - Probability
  - MATH 701 - Theory of the Integral
- A candidate for this degree is required to complete 30 credits in an approved sequence of graduate-level courses in mathematics and related fields. Students can achieve a solid grounding in pure mathematics ; students can customize their program with the advice and approval of the Graduate Advisor. It is required that the program be completed with an average of B or better.
  - Each candidate for the degree must pass an oral examination.

OR

Applied Mathematics

Complete ALL of the following Courses:

- MATH 616 - Ordinary Differential Equations
  - MATH 621 - Probability
  - MATH 624 - Numerical Analysis I
  - MATH 625 - Numerical Analysis II
  - MATH 633 - Statistical Inference
- A candidate for this degree is required to complete 30 credits in an approved sequence of graduate-level courses in mathematics and related fields. All students must achieve a solid grounding in the three areas of probability and statistics, analytic methods, and numerical methods. Students can customize their program with the advice and approval of the Graduate Advisor. It is required that the master's program be completed with an average of B or better.
  - Each candidate will be required to pass a written examination in an area of specialization to be approved by the Mathematics Department.

Additional Comments:

When a course is cross-listed as both an undergraduate and a graduate course, students who take the undergraduate course as an undergraduate may not retake the graduate course. In that case, neither the undergraduate nor graduate course may count toward an eventual Master's Degree.

## MATHED-MAT - Adolescent Math Education Grades 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Adolescent Math Education Grades 7-12

Plan Code MATHED-MAT	Department(s) Sponsoring Program Secondary Education and Youth Services
Career Graduate	Degree Designation MAT - Master of Arts in Teaching

## Requirements

### Simple Requisites

#### Major Requirements - Admissions

##### Type

Completion Requirement

Teaching certification in any secondary or elementary content recognized by New York State (including English, Social Studies, Mathematics, Science, Music, Art, Physical Education, TESOL, Special Education, and Elementary Education) is required for matriculation in this program of study. Applicants must already have master's degrees in education (including at least one undergraduate or graduate course in reading, diverse learners, and educational research). If students are missing one or more of these courses, they may take them while pursuing the first 9 credits of this program. .

Additional Comments:

#### Major Requirements - Overall

##### Type

Completion Requirement

Earn at least 39 credits

Additional Comments:

#### Major Requirements - Core Required Courses

##### Type

Completion Requirement

Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- SEYS 552 - Educational Psychology

Complete at least 1 of the following courses:

- SEYS 560 - Methods of Teaching English in Middle and High School
- SEYS 561 - Methods of Teaching Mathematics in Middle and High School
- SEYS 562 - Methods of Teaching Science in Middle and High School
- SEYS 563 - Methods of Teaching Social Studies in Middle and High School
- SEYS 564 - Methods of Teaching Foreign Language in Middle and High School
- SEYS 565 - Methods of Standards-based Curriculum and Assessment in Teaching the Visual Arts
- EECE 533 - Advanced Methods in Teaching Elementary Art, Pre-K-6

Complete at least 1 of the following courses:

- SEYS 5702 - Initial Clinical Experience in English for Secondary School
- SEYS 5712 - Initial Clinical Experience in Mathematics for Secondary School
- SEYS 5732 - Student Teaching I in Secondary Social

#### Studies

- SEYS 5742 - Initial Clinical Experience in Foreign Language for Secondary School

Complete at least 1 of the following courses:

- SEYS 5704 - Student Teaching in English for Secondary School
- SEYS 5714 - Student Teaching in Mathematics for Secondary School
- SEYS 5722 - Student Teaching I in Science for Secondary School (7-12)
- SEYS 5724 - Student Teaching II in Science for Secondary School (7-12)
- SEYS 5734 - Student Teaching II in Secondary Social Studies
- SEYS 5744 - Student Teaching in Foreign Language for Secondary School

Complete at least 1 of the following courses:

- SEYS 580 - Standards-Based Curriculum and Assessment in Teaching English
- SEYS 581 - Standards-Based Curriculum and Assessment in Teaching Mathematics
- SEYS 582 - Standards-Based Curriculum and Assessment in Teaching Science
- SEYS 583 - Standards-Based Curriculum and Assessment in Teaching Social Studies
- SEYS 584 - Standards-Based Curriculum and Assessment in Teaching Foreign Language

Complete ALL of the following Courses:

- SEYS 700 - Language, Literacy, and Culture in Education.
- ECPSE 550 - Foundations of Special Education

Additional Comments:

#### Major Requirements - Content Courses

##### Type

Completion Requirement

#### Pedagogical Content Courses

Earn at least 6 credits from the following:

- SEYS 751 - Mathematics in the Secondary School.
- SEYS 752 - Problems in Teaching General Science in the Junior High School.

#### Content Courses

Earn at least 9 credits from the following:

- MATH 505 - Mathematical Problem Solving
- MATH 509 - Elementary Set Theory
- MATH 525 - History of Modern Mathematics

Additional Comments:

## MB712-MSED - Math and Bilingual Education 7-12

### Overview

Institution Code

QNS01

**Official Name of Program**

Math and Bilingual Education 7-12

**Plan Code**

MB712-MSED

**Department(s) Sponsoring Program**

Secondary Education and Youth Services

**Career**

Graduate

**Degree Designation**

MSED - Master of Science in Education

## MEDSPL-MLS - Library Media Specialist for Certified Teachers

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Library Media Specialist for Certified Teachers

**Plan Code**

MEDSPL-MLS

**Department(s) Sponsoring Program**

Graduate Library Science

**Career**

Graduate

**Degree Designation**

MLS - Master of Library Science

### Requirements

#### Simple Requisites

**Masters Requirements - Admission Requirements**

**Type**

Prerequisite

**Fulfill ALL of the following requirements:**

Applicants to this program will need to first be admitted to GSLIS via the standard application procedure. Upon acceptance to GSLIS, students will be interviewed by the LMS Program Coordinator who will review their prior transcripts to ascertain whether applicants have the Core Liberal Arts and Science background required by NYSED for teachers. NYSED specifies exactly what type of coursework is acceptable for each of these areas at [www.highered.nysed.gov/tcert](http://www.highered.nysed.gov/tcert). Applicants lacking any part of this requirement will be required to complete this coursework at an accredited institution of higher education before acceptance to this program.

Core Liberal Arts and Science:

**Earned at least 30 credits from the following:**

Artistic Expression

Communication

Information Retrieval

Humanities

Language Other Than English

Written Analysis and Expression

History and Social Sciences

Scientific Processes

Mathematical Processes

**Writing Sample:**

Applicants will be required to present a satisfactory onsite writing sample evaluated by the LMS Program Coordinator.

**Additional Comments:**

**Masters Requirements - Overall**

**Type**

Completion Requirement

Earn at least 45 credits

**Additional Comments:**

**Masters Requirements - Required**

**Type**

Completion Requirement

Education Courses

**Complete ALL of the following Courses:**

- EECE 702 - Social Foundations of Education
- SEYS 705 - School and Society
- EECE 711 - Ecological Perspectives on Development: The Childhood Years
- SEYS 710 - The Psychology of Adolescence
- ECPSE 700 - Foundations of Special Education

LMS Courses

**Complete ALL of the following Courses:**

- LBSCI 737 - Materials for Children
- LBSCI 761 - Organization and Management: School Library Media Centers
- LBSCI 764 - Information Literacy Instruction for K-12
- LBSCI 765 - Resources for the School Curriculum
- LBSCI 767 - Reading Motivation Techniques for Children and Adolescents
- LBSCI 795 - Internship. Fieldwork

**Field Experience and Internship:**

Successful completion of this program requires 100 hours of LMS field observation, 20 hours of ECPSE field observation and 40 full days of internship experience to be completed as per NYSED requirements for registered LMS programs and to be completed as specified during functioning school hours. Students must be able to arrange their personal and professional schedules to comply with these requirements.

**New York State Testing, Workshop, and Other Requirements:**

Applicants for LMS teacher certification in NYS must satisfy all NYS teacher certification testing, workshops and other requirements stipulated by NYSED in order to receive their teacher certification from New York State. NYS required workshops can be taken at Queens College through the Office of Continuing Education.

**Additional Comments:**

## MEDSPN-MLS - Library Media Specialist

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Library Media Specialist

**Plan Code**

MEDSPN-MLS

**Department(s) Sponsoring Program**

Graduate Library Science

**Career**

Graduate

**Degree Designation**

MLS - Master of Library Science

## Requirements

### Simple Requisites

#### Masters Requirements - Admission Requirements

##### Type

Prerequisite

Certification:

#### New York State Teacher Certification:

In addition to the requirements for admission to the Graduate School of Library and Information Studies, students who choose this program must possess New York State teacher certification.

Additional Comments:

#### Masters Requirements - Overall

##### Type

Completion Requirement

Earn at least 36 credits

Additional Comments:

#### Masters Requirements - Required

##### Type

Completion Requirement

LMS Courses

#### Complete ALL of the following Courses:

- LBSCI 737 - Materials for Children
- LBSCI 761 - Organization and Management: School Library Media Centers
- LBSCI 764 - Information Literacy Instruction for K-12
- LBSCI 765 - Resources for the School Curriculum
- LBSCI 767 - Reading Motivation Techniques for Children and Adolescents
- LBSCI 795 - Internship. Fieldwork

#### Required Field Experience and Internship:

Successful completion of this program requires 100 hours of field observation and 150 hours of internship experience as per NYSED requirements for registered LMS programs and to be completed as specified during functioning school hours. Students must be able to arrange their personal and professional schedules to comply with these requirements.

#### New York State Testing, Workshop, and Other Requirements:

Applicants for LMS teacher certification in NYS must satisfy all NYS teacher certification testing, workshops and other requirements stipulated by NYSED in order to receive their teacher certification from New York State. NYS required workshops can be taken at Queens College through the Office of Continuing Education.

Additional Comments:

Plan Code

MEDST-MA

Department(s) Sponsoring Program

Media Studies

Career

Graduate

Degree Designation

MA - Master of Arts

## Requirements

### Simple Requisites

#### Major Requirements - Overall

##### Type

Completion Requirement

Fulfill ALL of the following requirements:

Earn at least 30 credits

AND

Earn a minimum GPA of 3.0 in the following:

- MEDST 702 - Capitalism and Media
- MEDST 703 - Media and Social Justice

Additional Comments:

#### Major Requirements - Core

##### Type

Completion Requirement

In order to graduate, students must complete 27 credits of coursework and one 3-credit Thesis seminar. Students must complete 30 credits to graduate, but may take up to 36 credits. Subject to approval by the Graduate Media Studies Committee, students prepare a thesis based upon independent research and must pass a final oral examination on its content and method in the presence of their graduate committee. Subject to approval by the Graduate Media Studies Committee, students prepare a thesis based upon independent research and must pass a final oral presentation on its content and method, in the presence of their graduate committee consisting of chair and two additional faculty advisors.

Additional Comments:

## MHLTCNS-MS - Mental Health Counseling

### Overview

Institution Code

QNS01

Official Name of Program

Mental Health Counseling

Plan Code

MHLTCNS-MS

Department(s) Sponsoring Program

Educational and Community Programs

Career

Graduate

Degree Designation

MS - Master of Science

## Requirements

### Simple Requisites

#### Major Requirements - Overall

##### Type

## MEDST-MA - Media Studies

### Overview

Institution Code

QNS01

Official Name of Program

Media Studies



## Completion Requirement

## Fulfill ALL of the following requirements:

Earn at least 60 credits

AND

Earn a minimum GPA of 3.0

## Additional Comments:

## Major Requirements - Core

## Type

## Completion Requirement

## Fulfill ALL of the following requirements:

## Basic Core Courses

## Complete ALL of the following Courses:

- ECPCE 701 - Lab in Self Awareness
- ECPCE 702 - Theories of Human Development
- ECPCE 703 - Lab in Counseling Techniques
- ECPCE 704 - Counseling Theories
- ECPCE 706 - Theories of Group Counseling
- ECPCE 707 - Lab in Group Counseling Techniques

AND

## Advanced Core Courses

## Complete ALL of the following Courses:

- ECPCE 800 - Career Development and Assessment
- ECPCE 803 - Multicultural Issues in Counseling.
- ECPCE 804 - Assessment Methods in Counseling.
- ECPCE 807 - Research Methods in Counseling

AND

## Mental Health Counseling Specialty

## Complete ALL of the following Courses:

- ECPCE 811 - Mental Health Counseling
- ECPCE 812 - Psychopathology and Diagnosis in Mental Health Counseling.
- ECPCE 813 - Family Dynamics
- ECPCE 814 - Seminar in Advanced Applications of Psychological Theories.
- ECPCE 708 - Ethics, Clinical Issues, and Crisis Intervention
- ECPCE 730 - Overview: General Introduction to Alcoholism and Substance Abuse Sequence.

AND

## Fieldwork Courses

## Complete ALL of the following Courses:

- ECPCE 721 - Practicum in Mental Health Counseling
- ECPCE 729 - Practicum in School Counseling
- ECPCE 8211 - Internship in Mental Health Counseling
- ECPCE 8291 - Internship in School Counseling

## Additional Comments:

## MSCOLGY-MA - Musicology

## Overview

## Institution Code

QNS01

## Official Name of Program

Musicology

## Plan Code

MSCOLGY-MA

## Department(s) Sponsoring Program

Aaron Copland School of Music

## Career

Graduate

## Degree Designation

MA - Master of Arts

## Requirements

## Simple Requisites

## Major Requirements - Special Requirements for Admissions

## Type

## Completion Requirement

An undergraduate degree with a major in music (or its equivalent)

Applicants should submit copies of one or more recent papers to Professor William Rothstein, Graduate Advisor, Music Building.

International students are required to take the Test of English as a Foreign Language (TOEFL) or the International English Test System (IELTS); the TOEFL is preferred. The minimum TOEFL score for admission is 79. Provisional acceptance is available if the TOEFL score is between 75 and 78.

Applicants in musicology are required to take the Graduate Record Examination (GRE).

## Additional Comments:

## Major Requirements - Overall

## Type

## Completion Requirement

Earn at least 36 credits

The Theory Qualifying Exam, covering skills in music theory and general musicianship, is taken before a student registers for the first semester of study. Each of the examination's four parts (harmonization, sight singing, dictation, and keyboard harmony) must be passed before graduation. Those students who fail in any part of the exam will consult the Graduate Advisor for coursework or other recommended study.

The History Qualifying Exam tests the student's knowledge of the history of Western music. This exam is also taken before a student registers for the first semester of study. Students who fail this exam will consult the Graduate Advisor for coursework or recommended study.

A reading proficiency examination in French, German, or Italian is required of all students majoring in musicology

## Additional Comments:

**Major Requirements - Required Courses**

Type  
Completion Requirement

Complete ALL of the following Courses:

- MUSIC 700 - Bibliography and Research Techniques
- MUSIC 702 - Critical and Theoretical Approaches to Music Scholarship
- MUSIC 742 - Proseminar in Analysis and Style Criticism
- MUSIC 789 - Thesis
- MUSIC 710 - Ethnomusicology Seminar
- MUSIC 760 - Musicology Seminar
- MUSIC 761 - Musicology Seminar
  
- One or two semesters from MUSIC 710, 711, 760, or 761

Additional Comments:

The Theory Qualifying Exam, covering skills in music theory and general musicianship, is taken before a student registers for the first semester of study. Each of the examination's four parts (harmonization, sight singing, dictation, and keyboard harmony) must be passed before graduation. Those students who fail in any part of the exam will consult the Graduate Advisor for coursework or other recommended study.

The History Qualifying Exam tests the student's knowledge of the history of Western music. This exam is also taken before a student registers for the first semester of study. Students who fail this exam will consult the Graduate Advisor for coursework or recommended study.

A reading proficiency examination in French, German, or Italian is required of all students majoring in music theory

Additional Comments:

## MTHEORY-MA - Music Theory

### Overview

Institution Code  
QNS01

Official Name of Program  
Music Theory

Plan Code MTHEORY-MA	Department(s) Sponsoring Program Aaron Copland School of Music
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Career Graduate	Degree Designation MA - Master of Arts
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**Major Requirements - Required Courses**

Type  
Completion Requirement

Complete ALL of the following Courses:

- MUSIC 700 - Bibliography and Research Techniques
- MUSIC 702 - Critical and Theoretical Approaches to Music Scholarship
- MUSIC 745 - Introduction to Schenkerian Analysis
- MUSIC 746 - Introduction to Post-Tonal Theory
- MUSIC 762 - Seminar in Music Theory
- MUSIC 763 - Seminar in Music Theory
- MUSIC 789 - Thesis

Additional Comments:

### Requirements

#### Simple Requisites

**Major Requirements - Special Requirements for Admissions**

Type  
Completion Requirement

An undergraduate degree with a major in music (or its equivalent)

Applicants should submit the following documents to Professor William Rothstein, Graduate Advisor, Music Building: a recent paper and one or two examples of composition in eighteenth-or nineteenth-century style

International students are required to take the Test of English as a Foreign Language (TOEFL) or the International English Test System (IELTS); the TOEFL is preferred. The minimum TOEFL score for admission is 79. Provisional acceptance is available if the TOEFL score is between 75 and 78.

Applicants in Music Theory are required to take the Graduate Record Examination (GRE)

Additional Comments:

**Major Requirements - Overall**

Type  
Completion Requirement

Earn at least 36 credits

## MUED-MSED - Music Education

### Overview

Institution Code  
QNS01

Official Name of Program  
Music Education

Plan Code MUED-MSED	Department(s) Sponsoring Program Aaron Copland School of Music
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Career Graduate	Degree Designation MSED - Master of Science in Education
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### Requirements

#### Simple Requisites

**Major Requirements - Overall**

Type  
Completion Requirement

Earn at least 36 credits

Additional Comments:

**Major Requirements - Core**

Type  
Completion Requirement

**Complete ALL of the following Courses:**

- MUSIC 690 - Foundations of Music Education
- MUSIC 691 - Psychology of Music
- MUSIC 659 - General Music in the Elementary Schools  
**OR** MUSIC 660 - General Music in the Secondary Schools
- MUSIC 678 - Introduction to Research in Music Education  
**OR** MUSIC 688 - Seminar in Research in Music Education
- MUSIC 670 - Advanced Conducting
- MUSIC 642 - Teaching of Choral Music  
**OR** MUSIC 641 - Teaching of Instrumental Music
- MUSIC 692 - Thesis In Mus Educ
- MUSIC 773 - Topics in the History of Music

**Additional Comments:**

**Major Requirements - Electives**  
Type  
Completion Requirement

Earn at least 9 credits  
Will vary depending on the student's chosen area of concentration.

**Additional Comments:**

## MUSCHAM-AD - Chamber Music

### Overview

Institution Code  
QNS01

Official Name of Program  
Chamber Music

Plan Code  
MUSCHAM-AD

Department(s) Sponsoring Program  
Aaron Copland School of Music

Career  
Graduate

Degree Designation  
ADPB - Advanced Diploma Post-Baccalaureate

### Requirements

#### Simple Requisites

**Advanced Diploma Requirements - Special Requirements for Admission**  
Type  
Completion Requirement

An MA or MM degree in music performance

Admission is restricted to pre-formed chamber ensembles.

An audition on the major instrument or voice. Auditions are held at the college each semester.

International students are required to take the Test of English as a Foreign Language (TOEFL) or the International English Test System (IELTS); the TOEFL is preferred. The minimum TOEFL score for admission is 63. Provisional acceptance is available if the TOEFL score is between 53 and 62.

**Additional Comments:**

**Advanced Diploma Requirements - Overall**  
Type  
Completion Requirement

Earn at least 19 credits

All students are required to register for 9 credits per semester.

**Additional Comments:**

**Advanced Diploma Requirements - Core**  
Type  
Completion Requirement

Earn at least 19 credits from the following:

- MUSIC 707 - Individual Musical Performance I
- MUSIC 708 - Individual Musical Performance II
- MUSIC 747 - String Repertory
- MUSIC 748 - Woodwind Repertory
- MUSIC 749 - Brass Repertory
- MUSIC 750 - Piano Repertory
- MUSIC 751 - Vocal Repertory
- MUSIC 752 - Percussion Repertory
- MUSIC 774 - Chamber Music I
- MUSIC 775 - Chamber Music II
- MUSIC 792 - Orchestra  
**OR** MUSIC 796 - Opera Studio

**Additional Comments:**

## MUSCLPR-MM - Classical Performance

### Overview

Institution Code  
QNS01

Official Name of Program  
Classical Performance

Plan Code  
MUSCLPR-MM

Department(s) Sponsoring Program  
Aaron Copland School of Music

Career  
Graduate

Degree Designation  
MM - Master of Music

### Requirements

#### Simple Requisites

**Major Requirements - Overall**  
Type  
Completion Requirement

Earn at least 36 credits

Perform a public recital

Write program notes on their recital repertoire

**Additional Comments:**

**Major Requirements - Core**  
Type

## Completion Requirement

## Fulfill ALL of the following requirements:

## Complete ALL of the following Courses:

- MUSIC 701 - Writing about Music
- MUSIC 707 - Individual Musical Performance I
- MUSIC 708 - Individual Musical Performance II
- MUSIC 709 - Individual Musical Performance III
- MUSIC 779 - Musical Analysis for Performers
- MUSIC 789 - Thesis

AND

## Complete at least 2 of the following courses:

- MUSIC 7771 - Renaissance Performance
- MUSIC 7772 - Baroque
- MUSIC 7773 - Classical and Romantic
- MUSIC 7774 - Twentieth Century

## Additional Comments:

Other requirements vary according to the student's major (orchestral instrument, keyboard, voice, or conducting).

## Major Requirements - Exams

## Type

Completion Requirement

## Fulfill ALL of the following requirements:

## Theory Qualifying Exam

Students take the Theory Qualifying Exam in music theory and musicianship before registering for their first semester. Each of the examination's four parts (harmonization, sight singing, dictation, and keyboard harmony) must be passed before graduation. Those students who fail in any part of the exam will consult the Graduate Advisor for coursework or other recommended study.

AND

## History of Music Exam

Students are tested in the history of music before registering for their first semester. Those who need further work in this area will consult the Graduate Advisor for coursework or other recommended study.

AND

## Foreign Language Exam

Students take an examination in foreign-language musical terms.

## Additional Comments:

## MUSCNDT-MM - Conducting

## Overview

## Institution Code

QNS01

## Official Name of Program

Conducting

## Plan Code

MUSCNDT-MM

## Career

Graduate

## Department(s) Sponsoring Program

Aaron Copland School of Music

## Degree Designation

MM - Master of Music

## MUSCOMP-MM - Composition

## Overview

## Institution Code

QNS01

## Official Name of Program

Composition

## Plan Code

MUSCOMP-MM

## Career

Graduate

## Department(s) Sponsoring Program

Aaron Copland School of Music

## Degree Designation

MM - Master of Music

## Requirements

## Simple Requisites

## Major Requirements - Special Requirements for Admissions

## Type

Completion Requirement

An undergraduate degree with a major in music (or its equivalent)

Applicants should submit two or three recent works to Professor William Rothstein, Graduate Advisor, Music Building

International students are required to take the Test of English as a Foreign Language (TOEFL) or the International English Test System (IELTS); the TOEFL is preferred. The minimum TOEFL score for admission is 79. Provisional acceptance is available if the TOEFL score is between 75 and 78

## Additional Comments:

## Major Requirements - Overall

## Type

Completion Requirement

Earn at least 36 credits

The Theory Qualifying Exam, covering skills in music theory and general musicianship, is taken before a student registers for the first semester of study. Each of the examination's four parts (harmonization, sight singing, dictation, and keyboard harmony) must be passed before graduation. Those students who fail in any part of the exam will consult the Graduate Advisor for coursework or other recommended study.

The History Qualifying Exam tests the student's knowledge of the history of Western music. This exam is also taken before a student registers for the first semester of study. Students who fail this exam will consult the Graduate Advisor for coursework or recommended study.

An examination in foreign-language musical terms

## Additional Comments:

## Major Requirements - Required Courses

## MUSJAZZ-MM - Jazz Studies

### Overview

Institution Code  
QNS01

Official Name of Program  
Jazz Studies

Plan Code  
MUSJAZZ-MM

Career  
Graduate

Department(s) Sponsoring Program  
Aaron Copland School of Music

Degree Designation  
MM - Master of Music

### Requirements

#### Simple Requisites

#### Major Requirement - Overall

Type  
Completion Requirement

Earn at least 36 credits  
Also must perform a public recital

The degree can be completed in three semesters, but is commonly finished in four semesters.

Before graduation, students must pass competency tests in improvisation, sight reading, style recognition, and other musical skills.

Additional Comments:

#### Major Requirement - Core

Type  
Completion Requirement

#### Fulfill ANY of the following requirements:

Majors in Jazz Performance

#### Complete ALL of the following Courses:

- JAZZ 701 - Jazz Harmony
- JAZZ 703 - Jazz Improvisation I
- **OR** JAZZ 712 - Improvisation for Vocalists
- JAZZ 705 - Jazz Arranging and Composition I
- JAZZ 717 - Jazz History Survey
- **OR** JAZZ 718 - Topics in Jazz History
- JAZZ 724 - Private Instruction in Jazz Performance
- JAZZ 725 - Private Instruction in Jazz Performance
- JAZZ 726 - Private Instruction in Jazz Performance
- JAZZ 794 - Jazz Ensemble

Three semesters of Jazz Ensemble

OR

Majors in Jazz Composition

#### Complete ALL of the following Courses:

- JAZZ 701 - Jazz Harmony
- JAZZ 705 - Jazz Arranging and Composition I
- JAZZ 706 - Jazz Arranging and Composition II
- JAZZ 707 - Counterpoint for Composers and Arrangers I
- JAZZ 714 - Jazz Style and Analysis

### Type

Completion Requirement

#### Complete ALL of the following Courses:

- MUSIC 729 - Private Lessons in Composition I
- MUSIC 730 - Private Lessons in Composition II
- MUSIC 731 - Private Lessons in Composition III
- MUSIC 742 - Proseminar in Analysis and Style Criticism
- MUSIC 784 - Music since 1900 I
- MUSIC 785 - Music since 1900 II
- MUSIC 789 - Thesis
- MUSIC 725 - Composers' Workshop

Three semesters of MUSIC725 Composers' Workshop

Additional Comments:

## MUSICED-AC - Music Education

### Overview

Institution Code  
QNS01

Official Name of Program  
Music Education

Plan Code  
MUSICED-AC

Department(s) Sponsoring Program  
Aaron Copland School of Music

Career  
Graduate

Degree Designation  
ADVCERPB - Advanced Certificate Post Baccalaureate

### Requirements

#### Simple Requisites

#### Advanced Certificate Requirements - Special Requirements for Admission

Type  
Completion Requirement

Admission is open to applicants with a bachelor's degree in music

Earn a minimum GPA of 3.0

Results of the Graduate Record Exam (GRE) General Test are required

An interview may be required

Additional Comments:

#### Advanced Certificate Requirements - Overall

Type  
Completion Requirement

Earn at least 29 credits  
May be lower depending on the courses the individual student may have had at the undergraduate level (or another graduate program).

Additional Comments:

- JAZZ 717 - Jazz History Survey  
**OR JAZZ 718 - Topics in Jazz History**
- JAZZ 721 - Jazz Lessons in Composition
- JAZZ 722 - Jazz Lessons in Composition
- JAZZ 723 - Jazz Lessons in Composition

Additional Comments:

**Major Requirement - Electives**

Type

Completion Requirement

Additional Comments:

New elective classes are often added and vary, semester to semester. The schedule of courses is determined individually in consultation with the Graduate Advisor. Students who demonstrate advanced skills may be placed directly into advanced courses.

## MUSPERF-AC - Music Performance

### Overview

Institution Code

QNS01

Official Name of Program

Music Performance

Plan Code

MUSPERF-AC

Department(s) Sponsoring Program

Aaron Copland School of Music

Career

Graduate

Degree Designation

ADV CERPM - Advanced Certificate Post Master's

### Requirements

Simple Requisites

**Certificate Requirements - Special Requirements for Admission**

Type

Completion Requirement

An MA or MM degree in music performance (or its equivalent)

Additional Comments:

**Certificate Requirements - Overall**

Type

Completion Requirement

Earn at least 19 credits

All students are required to register for 9 credits per semester

Students in each Certificate or Diploma program perform a recital during each semester of enrollment.

Additional Comments:

**Certificate Requirements - Core**

Type

Completion Requirement

Earn at least 19 credits from the following:

- MUSIC 707 - Individual Musical Performance I
- MUSIC 708 - Individual Musical Performance II
- MUSIC 747 - String Repertory
- MUSIC 748 - Woodwind Repertory
- MUSIC 749 - Brass Repertory
- MUSIC 750 - Piano Repertory
- MUSIC 751 - Vocal Repertory
- MUSIC 752 - Percussion Repertory
- MUSIC 774 - Chamber Music I
- MUSIC 775 - Chamber Music II
- MUSIC 792 - Orchestra
- MUSIC 796 - Opera Studio

Additional Comments:

## MUSPERF-AD - Music Performance

### Overview

Institution Code

QNS01

Official Name of Program

Music Performance

Plan Code

MUSPERF-AD

Department(s) Sponsoring Program

Aaron Copland School of Music

Career

Graduate

Degree Designation

ADPB - Advanced Diploma Post-Baccalaureate

### Requirements

Simple Requisites

**Advanced Diploma Requirements - Special Requirements for Admission**

Type

Completion Requirement

An MA or MM degree in music performance (or its equivalent)

An additional 19 credits in a post-Master's program in music performance

Additional Comments:

**Advanced Diploma Requirements - Overall**

Type

Completion Requirement

Earn at least 19 credits

Additional Comments:

**Advanced Diploma Requirements - Core**

Type

Completion Requirement

Earn at least 19 credits from the following:

- MUSIC 707 - Individual Musical Performance I
- MUSIC 708 - Individual Musical Performance II
- MUSIC 747 - String Repertory



- PSYCH 7094 - Basic Neuroscience: Behavioral Neuroscience
- PSYCH 7041 - Neuroscience Methods I: Statistics and Research Design
- PSYCH 7042 - Neuroscience Methods II: Quantitative Tools in Neuroscience
- PSYCH 7721 - Ethics
- PSYCH 7722 - Colloquium (may be repeated for credit, max 2 credit hrs)
- PSYCH 7723 - Thesis Seminar

Additional Comments:

#### Major Requirements - Electives

##### Type

Completion Requirement

Earn at least 6 credits from the following:

- PSYCH 735 - Psychology of Perception
- PSYCH 738 - Cognition
- PSYCH 755 - Psychopathology
- PSYCH 760 - Psychometric Methods
- PSYCH 7911 - VT: Seminar in Selected Topics in Psychology
- BIOL 700 - Genetics
- BIOL 710 - Molecular Biology
- BIOL 714 - Cell Biology

In addition, other electives, if preapproved by the director of the MA program, to allow students to (a) take nontraditional neuroscience paths (e.g., computer science/computational modeling) and/or (b) enroll in graduate seminars that arise ad hoc (e.g., course on neural substrates of language processing).

Additional Comments:

## OPTEC-MS - Optics and Photonics Technology

### Overview

Institution Code

QNS01

Official Name of Program

Optics and Photonics Technology

Plan Code

OPTEC-MS

Department(s) Sponsoring Program

Physics

Career

Graduate

Degree Designation

MS - Master of Science

## PERMIT-GR - CUNY Permit Graduate

### Overview

Institution Code

QNS01

Official Name of Program

CUNY Permit Graduate

Plan Code

PERMIT-GR

Department(s) Sponsoring Program

QUEEN

Career

Graduate

## PHYED-AC - Physical Education

### Overview

Institution Code

QNS01

Official Name of Program

Physical Education

Plan Code

PHYED-AC

Department(s) Sponsoring Program

Family, Nutrition and Exercise Sciences

Career

Graduate

Degree Designation

ADVCPB - Advanced Certificate Post Baccalaureate

## PHYED-MSED - Physical Education

### Overview

Institution Code

QNS01

Official Name of Program

Physical Education

Plan Code

PHYED-MSED

Department(s) Sponsoring Program

Family, Nutrition and Exercise Sciences

Career

Graduate

Degree Designation

MSED - Master of Science in Education

### Requirements

#### Simple Requisites

#### Major Requirements - Overall

Type

Completion Requirement

Earn at least 30 credits

Earn a minimum 3.0 of undefined

Additional Comments:

#### Major Requirements - Core

Type

Completion Requirement

Complete ALL of the following Courses:

- FNES 702 - Statistical Methods in FNES.
- FNES 705 - Research Methods in Physical Education
- FNES 713 - Curriculum Development in Physical Education
- FNES 714 - Analysis of Teaching Physical Education
- FNES 715 - Movement Experiences for Atypical Populations
- FNES 716 - Application of Contextual Issues in Physical Education
- FNES 722 - Exercise, Energy Balance, and Body Composition
- FNES 730 - Mechanical Analysis of Human Movement
- FNES 740 - Motor Learning and Performance.

Additional Comments:



**Major Requirements - Electives**

Type  
Completion Requirement

The elective course must be approved in advance by the graduate advisor

Additional Comments:

## PHYS-MA - Physics

### Overview

Institution Code  
QNS01

Official Name of Program  
Physics

Plan Code Department(s) Sponsoring Program  
PHYS-MA Physics

Career Degree Designation  
Graduate MA - Master of Arts

### Requirements

#### Simple Requisites

**Admission Requirements**

Type  
Prerequisite

These requirements are in addition to the general requirements for admission:

1. The candidate must have a minimum of 16 credits in physics beyond the introductory college course and six credits in mathematics beyond elementary calculus.
2. Letters of recommendation must be written by individuals who are qualified to attest to the applicant's character and capacity to do graduate work in physics.

Additional Comments:

**Major Requirements - Overall**

Type  
Completion Requirement

Earn at least 30 credits

Earn a minimum grade of B-

- A minimum grade of B- is required in any course taken to fulfill the requirements for the MA degree

Additional Comments:

**Major Requirements - Core**

Type  
Completion Requirement

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:

- PHYS 611 - Analytical Mechanics
- PHYS 625 - Fundamentals of Quantum Mechanics
- PHYS 641 - Statistical Physics
- PHYS 671 - Modern Physics Laboratory
- PHYS 6151 - Electromagnetic Theory I
- PHYS 6152 - Electromagnetic Theory II

AND

Earn at least 12 credits from the following:

- Physics 600/700 Level Courses

Additional Comments:

## PSYCH-MA - Psychology

### Overview

Institution Code  
QNS01

Official Name of Program  
Psychology

Plan Code Department(s) Sponsoring Program  
PSYCH-MA Psychology

Career Degree Designation  
Graduate MA - Master of Arts

### Requirements

#### Simple Requisites

**Major Requirements - Matriculation**

Type  
Prerequisite

These requirements are in addition to the general requirements for admission.

1. Fifteen credits in undergraduate psychology courses, which should include an undergraduate laboratory course in experimental psychology and a course in psychological statistical methods or their equivalents. A student who has not had at least a one-semester laboratory course in experimental psychology and a one-semester course in statistical methods or their equivalents, but whose record of achievement is otherwise high, will be asked to make up the deficiency through taking a comparable course without credit in an undergraduate college. For Applied Behavior Analysis, one undergraduate class broadly related to ABA (learning, behavioral modification, developmental disabilities, or behavior analysis) is required.
2. A minimum grade average index of B (3.0) in undergraduate courses.
3. A minimum grade average index of B (3.0) or the equivalent in the undergraduate field of concentration or, with permission of the department, in related fields.
4. Three letters of recommendation, at least two of which should be from instructors who are in a position to attest to the applicant's capacity to complete successfully a program of

graduate studies. In some cases, a personal interview with the Graduate Advisor or with some other members of the department may be required.

5. For Behavioral Neuroscience, the general Graduate Record Examination is required. Applicants should apply directly to the Educational Testing Service, Princeton, New Jersey 08541, or Box 27896, Los Angeles, California 90027, for full information and arrangements to take the test. Students are advised to take the Graduate Record Examination no later than February for September admission. No final consideration may be given to any application unless the Admissions Office receives the results of the examination by the date applications are due.
6. Applicants whose first language was not English and who were educated in a country where English is not the official language must present a minimum score of 100 (online version) on the Test of English as a Foreign Language (TOEFL) to be eligible for admission to the MA programs in Psychology

*Note that possession of the requirements listed above does not automatically ensure admission to the programs. Each record, including grades, letters of recommendation, Graduate Record Examination scores, and information from present and former instructors, research mentors, and/or employers, will be carefully examined by a Graduate Committee on Admissions. Departmental interviews may be required prior to a decision. Specific requirements may be waived by the Graduate Committee on Admissions for students of special promise.*

**Additional Comments:**

**Major Requirements - Overall**

Type  
Completion Requirement

**Fulfill ALL of the following requirements:**

**Earn at least 30 credits**

Students may complete the program in 30 or 36 credits, as follows:

1. Students who elect to complete the program in 30 credits must take and pass a comprehensive examination and submit an approved thesis, which may be either a literature review or an empirical investigation.
2. Students whose grade-point average is 3.7 or better may elect to complete the program in 30 credits and do an empirical thesis. The comprehensive examination will be waived.
3. Students who elect to complete the program in 36 credits are required to take and pass a comprehensive examination.

AND

**Earn a minimum GPA of 3.0**

**Additional Comments:**

**Major Requirements - Core**

Type  
Completion Requirement

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**

- PSYCH 700 - History of Psychology

AND

**Complete at least 1 of the following courses:**

- PSYCH 701 - Advanced Experimental Psychology I
- PSYCH 70310 - Design of Psychological Research.

AND

**Complete ALL of the following Courses:**

- PSYCH 705 - Statistical Methods in Psychology I

AND

**At least one course from topic areas in Group A and at least one course from topic areas in Group B.**

**Additional Comments:**

**Major Requirements - Group A**

Type  
Completion Requirement

**Complete at least 1 of the following:**

Cognition

**Complete ALL of the following Courses:**

- PSYCH 738 - Cognition

OR

Learning

**Complete at least 1 of the following courses:**

- PSYCH 730 - Psychology of Learning
- PSYCH 73007 - Theories of Association
- PSYCH 731 - Stimulus Control of Behavior
- PSYCH 732 - Motivation and Reinforcement

OR

Motivation

**Complete ALL of the following Courses:**

- PSYCH 745 - Human Motivation (Inactive)

OR

Perception

**Complete ALL of the following Courses:**

- PSYCH 735 - Psychology of Perception

OR

Behavioral Neuroscience

**Complete at least 1 of the following courses:**

- PSYCH 7084 - Behavioral Neuroscience
- PSYCH 710 - Sensory and Motor Systems
- PSYCH 711 - Advanced Behavioral Neuroscience

Additional Comments:

**Major Requirements - Group B**

Type

Completion Requirement

Complete at least 1 of the following:

Behavioral Science and Business

Complete ALL of the following Courses:

- PSYCH 754 - Behavioral Science and Business.

OR

Developmental

Complete at least 1 of the following courses:

- PSYCH 720 - Developmental Psychology I
- PSYCH 7201 - Lifespan Developmental Psychology
- PSYCH 72004 - Behavior Analysis of Child Development

OR

Developmental Disabilities

Complete at least 1 of the following courses:

- PSYCH 72001 - Developmental Disability I
- PSYCH 72002 - Developmental Disabilities II: Functional Assessment
- PSYCH 72003 - Behavior Intervention in Developmental Disabilities
- PSYCH 72005 - Autism

OR

Personality

Complete at least 1 of the following courses:

- PSYCH 740 - Personality
- PSYCH 741 - Psychoanal Theo (Inactive)
- PSYCH 743 - Survey Psychother (Inactive)

OR

Psychometrics

Complete ALL of the following Courses:

- PSYCH 760 - Psychometric Methods

OR

Complete ALL of the following Courses:

- PSYCH 755 - Psychopathology

OR

Complete ALL of the following Courses:

- PSYCH 756 - Clinical Psychopharmacology

Additional Comments:

**Major Requirements - Electives**

Type

Completion Requirement

Earn at least 15 credits from the following:

- PSCI 710 - Twentieth-Century Political Thought
- PSYCH 711 - Advanced Behavioral Neuroscience
- PSYCH 720 - Developmental Psychology I
- PSYCH 730 - Psychology of Learning
- PSYCH 738 - Cognition
- PSYCH 745 - Human Motivation (Inactive)
- PSYCH 754 - Behavioral Science and Business.
- PSYCH 73007 - Theories of Association
- PSYCH 731 - Stimulus Control of Behavior
- PSYCH 732 - Motivation and Reinforcement
- PSYCH 735 - Psychology of Perception
- PSYCH 7084 - Behavioral Neuroscience
- PSYCH 7201 - Lifespan Developmental Psychology
- PSYCH 72004 - Behavior Analysis of Child Development
- PSYCH 72001 - Developmental Disability I
- PSYCH 72002 - Developmental Disabilities II: Functional Assessment
- PSYCH 72003 - Behavior Intervention in Developmental Disabilities
- PSYCH 72005 - Autism
- PSYCH 740 - Personality
- PSYCH 743 - Survey Psychother (Inactive)
- PSYCH 760 - Psychometric Methods
- PSYCH 755 - Psychopathology
- PSYCH 756 - Clinical Psychopharmacology
- PSYCH 741 - Psychoanal Theo (Inactive)

Additional Comments:

## RECMGT-AC - Archives and Preservation of Cultural Materials

### Overview

Institution Code

QNS01

Official Name of Program

Archives and Preservation of Cultural Materials

Plan Code

RECMGT-AC

Department(s) Sponsoring Program

Graduate Library Science

Career

Graduate

Degree Designation

ADVCPB - Advanced Certificate Post Baccalaureate

### Requirements

Simple Requisites

Major Requirements - Overall

Type

Completion Requirement

Earn at least 15 credits

**Additional Comments:**

**Major Requirements - Core**  
**Type**  
 Completion Requirement

**Complete ALL of the following Courses:**

- LBSCI 730 - Archival, Appraisal, Arrangement and Access
- LBSCI 732 - Introduction to Archival Studies
- LBSCI 733 - Preservation of Cultural Heritage Materials
- LBSCI 752 - Digital Preservation
- LBSCI 795 - Internship, Fieldwork

**Additional Comments:**  
 Library/information service professionals who already hold the MLS degree and may have already taken one or more of these core courses can fulfill their requirements by selecting from a menu of four elective courses:

[LBSCI729 Internship](#)

[LBSCI731 From Manuscripts to eBooks](#)

[LBSCI736 Records Management](#)

[LBSCI753 Digital Libraries](#)

[LBSCI757 Digitization of Cult Materials](#)

## RISK-AC - Risk Management

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Risk Management

<b>Plan Code</b> RISK-AC	<b>Department(s) Sponsoring Program</b> Economics
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<b>Career</b> Graduate	<b>Degree Designation</b> ADVCERP - Advanced Certificate Post Baccalaureate
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### Requirements

#### Simple Requisites

**Major Requirements - Overall**  
**Type**  
 Completion Requirement

Earn at least 12 credits

**Additional Comments:**

**Major Requirements - Core**  
**Type**  
 Completion Requirement

**Complete ALL of the following Courses:**

- RM 701 - Enterprise Risk Management

- RM 704 - Risk Measurement
- RM 711 - Applied Financial Analysis

**Additional Comments:**

**Major Requirements - Electives**  
**Type**  
 Completion Requirement

Earn at least 3 credits from the following:

- RM 702 - Accounting for Risk Management
- RM 705 - Risk Transfer to Financial Markets
- RM 706 - Risk Transfer to Insurance Markets
- RM 707 - Financial Statement Analysis

**Additional Comments:**

## RISKA-MS - Risk Management - Accounting

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Risk Management - Accounting

<b>Plan Code</b> RISKA-MS	<b>Department(s) Sponsoring Program</b> Economics
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<b>Career</b> Graduate	<b>Degree Designation</b> MS - Master of Science
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### Requirements

#### Simple Requisites

**Major Requirements - Special Requirements for Admission**  
**Type**  
 Completion Requirement

An undergraduate bachelor's degree from an accredited college or university.

A minimum GPA of at least 3.0 in one's undergraduate program.

GMAT. The GMAT may be substituted with a GRE, LSAT, CFA, CPA or Actuarial exam(s), or waived by permission of the program director.

For international students, a minimum TOEFL score of 100 (Internet-based). This may be waived for a student holding a degree from a U.S. college or university with permission of the director.

Two letters of recommendation, either academic or professional.

An essay describing one's interest in the program and career objectives.

A resume. Candidates with relevant or extensive experience are encouraged to apply.

Students must apply to one of four degree concentrations: Accounting/CPA, Actuarial Studies, Finance/CFA, or DFA Modeling.

**Additional Comments:**

In addition, no more than 12 graduate credits may be transferred from another program or institution. Evaluation of the transferred credits will be by the faculty advisory committee.

**Major Requirements - Overall**

**Type**

Completion Requirement

Earn at least 30 credits

**Additional Comments:**

**Major Requirements - Core**

**Type**

Completion Requirement

**Complete ALL of the following Courses:**

- RM 701 - Enterprise Risk Management
- RM 705 - Risk Transfer to Financial Markets
- RM 706 - Risk Transfer to Insurance Markets
- RM 790 - Applied Dynamic Financial Analysis

**Additional Comments:**

**Major Requirements - Accounting/CPA Concentration**

**Type**

Completion Requirement

**Complete ALL of the following Courses:**

- ECON 715 - Corporate Finance
- RM 704 - Risk Measurement
- ACCT 712 - Advanced Financial Accounting Theory
- ACCT 723 - Advanced Auditing Theory and Practice
- ACCT 747 - Tax and Accounting Communications
- ACCT 757 - Federal Taxation of Business Entities

**Additional Comments:**

If an equivalent course has been taken at the undergraduate level, additional recommended elective courses are listed

below:

[ACCT707 Issues In Mgmt Acct](#)

[ACCT748 Adv Acct Info Systms](#)

[RM707 Financial Statement Analysis](#)

[RM710 Fixed Income Instruments](#)

[RM711 Applied Financial Analysis](#)

[RM712 Corporate Strategy& Macroecon](#)

[RM792 Special Topics In R](#)

## RISKATU-MS - Actuarial Risk Management

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Actuarial Risk Management

**Plan Code**

RISKATU-MS

**Department(s) Sponsoring Program**

Economics

**Career**

Graduate

**Degree Designation**

MS - Master of Science

## Requirements

### Simple Requisites

**Major Requirements - Special Requirements for Admission**

**Type**

Completion Requirement

An undergraduate bachelor's degree from an accredited college or university.

A minimum GPA of at least 3.0 in one's undergraduate program.

GMAT. The GMAT may be substituted with a GRE, LSAT, CFA, CPA or Actuarial exam(s), or waived by permission of the program director.

For international students, a minimum TOEFL score of 100 (Internet-based). This may be waived for a student holding a degree from a U.S. college or university with permission of the director.

Two letters of recommendation, either academic or professional.

An essay describing one's interest in the program and career objectives.

A resume. Candidates with relevant or extensive experience are encouraged to apply.

Students must apply to one of four degree concentrations: Accounting/CPA, Actuarial Studies, Finance/CFA, or DFA Modeling.

**Additional Comments:**

In addition, no more than 12 graduate credits may be transferred from another program or institution. Evaluation of the transferred credits will be by the faculty advisory committee.

**Major Requirements - Overall**

**Type**

Completion Requirement

Earn at least 30 credits

**Additional Comments:**

**Major Requirements - Core**

**Type**

Completion Requirement

**Complete ALL of the following Courses:**

- RM 701 - Enterprise Risk Management
- RM 705 - Risk Transfer to Financial Markets
- RM 706 - Risk Transfer to Insurance Markets
- RM 790 - Applied Dynamic Financial Analysis

**Additional Comments:**

**Major Requirements - Actuarial Studies Concentration**

Type  
Completion Requirement

Complete ALL of the following Courses:

- ECON 715 - Corporate Finance
- RM 704 - Risk Measurement
- RM 702 - Accounting for Risk Management
- MATH 621 - Probability
- RM 708 - Financial Econometrics
- RM 710 - Fixed Income Instruments

Additional Comments:

If an equivalent course has been taken at the undergraduate level, additional recommended elective courses are listed

below:

[RM707 Financial Statement Analysis](#)

[RM709 Portfolio Management](#)

[RM711 Applied Financial Analysis](#) - Not open to students who have completed BUS 387.

[RM712 Corporate Strategy& Macroecon](#)

[RM713 Advanced Derivatives](#)

[RM792 Special Topics In R](#)

An undergraduate bachelor's degree from an accredited college or university.

A minimum GPA of at least 3.0 in one's undergraduate program.

GMAT. The GMAT may be substituted with a GRE, LSAT, CFA, CPA or Actuarial exam(s), or waived by permission of the program director.

For international students, a minimum TOEFL score of 100 (Internet-based). This may be waived for a student holding a degree from a U.S. college or university with permission of the director.

Two letters of recommendation, either academic or professional.

An essay describing one's interest in the program and career objectives.

A resume. Candidates with relevant or extensive experience are encouraged to apply.

Students must apply to one of four degree concentrations: Accounting/CPA, Actuarial Studies, Finance/CFA, or DFA Modeling.

Additional Comments:

## RISKENV-MS - Environmental Risk Management

### Overview

Institution Code  
QNS01

Official Name of Program  
Environmental Risk Management

Plan Code Department(s) Sponsoring Program  
RISKENV-MS Economics

Career Degree Designation  
Graduate MS - Master of Science

## RISKFIN-MS - Risk Management - Finance

### Overview

Institution Code  
QNS01

Official Name of Program  
Risk Management - Finance

Plan Code Department(s) Sponsoring Program  
RISKFIN-MS Economics

Career Degree Designation  
Graduate MS - Master of Science

### Requirements

Simple Requisites

Major Requirements - Special Requirements for Admission  
Type  
Completion Requirement

Major Requirements - Overall

Type  
Completion Requirement

Earn at least 30 credits

Students with an undergraduate background in finance usually can complete the program in 30 credits.

Additional Comments:

Major Requirement - Core

Type  
Completion Requirement

Complete ALL of the following Courses:

- RM 701 - Enterprise Risk Management
- RM 705 - Risk Transfer to Financial Markets
- RM 706 - Risk Transfer to Insurance Markets
- RM 790 - Applied Dynamic Financial Analysis

Additional Comments:

Major Requirements - Finance/CFA Concentration

Type  
Completion Requirement

Complete ALL of the following Courses:

- RM 702 - Accounting for Risk Management
- RM 704 - Risk Measurement
- RM 707 - Financial Statement Analysis
- RM 708 - Financial Econometrics
- RM 709 - Portfolio Management
- RM 710 - Fixed Income Instruments

If an equivalent course has been taken at the undergraduate level, additional recommended elective courses are listed below:  
[RM711 Applied Financial Analysis](#) - Not open to students who completed BUS 387.

[RM712 Corporate Strategy& Macroecon](#)

[RM713 Advanced Derivatives](#)

[RM792 Special Topics In R](#)

Additional Comments:

## RISKMOD-MS - Risk Management - Dynamic Financial Analysis Modeling

### Overview

Institution Code

QNS01

Official Name of Program

Risk Management - Dynamic Financial Analysis Modeling

Plan Code

RISKMOD-MS

Department(s) Sponsoring Program

Economics

Career

Graduate

Degree Designation

MS - Master of Science

### Requirements

#### Simple Requisites

Major Requirements - Special Requirements for Admission

Type

Completion Requirement

An undergraduate bachelor's degree from an accredited college or university.

A minimum GPA of at least 3.0 in one's undergraduate program.

GMAT. The GMAT may be substituted with a GRE, LSAT, CFA, CPA or Actuarial exam(s), or waived by permission of the program director.

For international students, a minimum TOEFL score of 100 (Internet-based). This may be waived for a student holding a degree from a U.S. college or university with permission of the director.

Two letters of recommendation, either academic or professional.

An essay describing one's interest in the program and career objectives.

A resume. Candidates with relevant or extensive experience are encouraged to apply.

Students must apply to one of four degree concentrations: Accounting/CPA, Actuarial Studies, Finance/CFA, or DFA Modeling.

Additional Comments:

In addition, no more than 12 graduate credits may be transferred from another program or institution. Evaluation of the transferred credits will be by the faculty advisory committee.

Major Requirements - Overall

Type

Completion Requirement

Earn at least 30 credits

Additional Comments:

Major Requirements - Core

Type

Completion Requirement

Complete ALL of the following Courses:

- RM 701 - Enterprise Risk Management
- RM 705 - Risk Transfer to Financial Markets
- RM 706 - Risk Transfer to Insurance Markets
- RM 791 - Applied Financial Dynamic Analysis Model Building

Additional Comments:

Major Requirements - DFA Modeling Concentration

Type

Completion Requirement

Complete ALL of the following Courses:

- ECON 715 - Corporate Finance
- RM 708 - Financial Econometrics
- RM 709 - Portfolio Management
- RM 710 - Fixed Income Instruments
- RM 713 - Advanced Derivatives
- CSCI 761 - Numerical Methods

Additional Comments:

If an equivalent course has been taken at the undergraduate level, additional recommended elective courses are listed

below:

[RM711 Applied Financial Analysis](#) - Not open to students who have completed BUS 387.

[RM712 Corporate Strategy& Macroecon](#)

[RM792 Special Topics In R](#)

## SABB-AC - Sabbatical Program in Literacy for New York City Teachers

### Overview

Institution Code

QNS01

Official Name of Program

Sabbatical Program in Literacy for New York City Teachers

Plan Code

SABB-AC

Department(s) Sponsoring Program

Elementary and Early Childhood Education

Career

Graduate

Degree Designation

ADVCERPM - Advanced Certificate Post Master's

## Requirements

### Simple Requisites

#### Certificate Requirements - Admissions Requirements

##### Type

Completion Requirement

To be admitted to the sabbatical program, the student must be a New York City Board of Education appointed teacher in the elementary grades, who is applying for sabbatical leave. The student must have an earned master's degree and teacher certification. Although no specific GPA is required for admission, once in the program students will be expected to maintain a B average.

Additional Comments:

#### Certificate Requirements - Core

##### Type

Completion Requirement

Fulfill ALL of the following requirements:

Fall Courses

Complete ALL of the following Courses:

- EECE 750 - Learning and Technology in Early Childhood and Childhood
- EECE 796 - Exploring Problems in History Through Literature.
- EECE 797 - Queens County as a Learning Lab.

AND

Spring Courses

Complete ALL of the following Courses:

- EECE 798 - Reading and Writing for Learning in Science
- EECE 799 - Exploring Mathematical Ideas Through Literature
- EECE 806 - Content Area Literacy Across the Curriculum Capstone Course

Additional Comments:

## SB712-MSED - Science And Bilingual Education

### Overview

#### Institution Code

QNS01

#### Official Name of Program

Science And Bilingual Education

#### Plan Code

SB712-MSED

#### Department(s) Sponsoring Program

Secondary Education and Youth Services

#### Career

Graduate

#### Degree Designation

MSED - Master of Science in Education

### Requirements

## SCHPSY-AC - School Psychologist

### Overview

#### Institution Code

QNS01

#### Official Name of Program

School Psychologist

#### Plan Code

SCHPSY-AC

#### Department(s) Sponsoring Program

Educational and Community Programs

#### Career

Graduate

#### Degree Designation

ADV CERPM - Advanced Certificate Post Master's

### Requirements

#### Simple Requisites

#### Certificate Requirements - Admissions

##### Type

Completion Requirement

Applicants will be admitted through admissions procedures that include the following:

1. A review of undergraduate records with a minimum cumulative average of 3.0 and an average of 3.0 in all courses in psychology and education.
2. A personal statement.
3. Three written recommendations. At least two must be from undergraduate or graduate instructors in psychology and/or education. All reference letters should be on the instructors' stationery. Additional letters of recommendation are also appropriate from a current job or from a recent job related to education and/or psychology.
4. A personal interview.
5. A writing sample at time of interview.

Additional Comments:

#### Certificate Requirements - Program Requirements

##### Type

Completion Requirement

#### Requirements for the School Psychology Program

The program for each student will be modified individually depending on the student's background and preparation. The program is a structured sequence that may be completed in three years of full-time study (including a one-year internship) or four years of part-time study (including a one-year full-time internship). In the Spring semester before internship, students must spend one day a week in a school setting chosen by the program. In addition, students must receive a grade of Pass in both semesters of internship in order to receive a degree and be eligible for a certificate.

#### Requirements to Advance to Practica and Internship

Candidates who do not receive B or better in assessment or practica courses (ECSP 770, 772, 773, 774, 775, 777, 778, 861, 867, 868) may not proceed to subsequent practica and internships except with permission of the faculty. Candidates may be asked to do additional work like retaking a course or courses and/or spending additional time in the field, if it is thought this will be sufficient to help them demonstrate competency in a reasonable time.



**Continuity of Study**

Candidate leaves or a break in the continuity of study requires a review by the faculty before candidates return to the program and study is resumed. Such reviews could result in requiring candidates to retake courses or other requirements to ensure competencies are maintained.

All candidates must meet appropriate academic and scholarship standards to remain in and complete the program. They must also demonstrate appropriate personal, professional, and ethical conduct as established by the program and school profession (i.e., ethical and professional standards in psychology and school psychology, including APA and NASP). Candidates are expected to abide by the CUNY policy on Academic Integrity. All candidates are subject to review and sanctions, including dismissal, as a result of academic and/or professional deficiencies. Candidates have the right to appeal all decisions regarding academic performance and personal and/or professional behavior as per college, department, and program policies.

**Additional Comments:**

**SCIED-AC - Science Education 1st-6th grades**

**Overview**

**Institution Code**

QNS01

**Official Name of Program**

Science Education 1st-6th grades

**Plan Code**

SCIED-AC

**Department(s) Sponsoring Program**

Elementary and Early Childhood Education

**Career**

Graduate

**Degree Designation**

ADVCERPM - Advanced Certificate Post Master's

**SEADOLE-AC - Special Education: Adolescent Education (Grades 7-12)**

**Overview**

**Institution Code**

QNS01

**Official Name of Program**

Special Education: Adolescent Education (Grades 7-12)

**Plan Code**

SEADOLE-AC

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

ADVCERPM - Advanced Certificate Post Master's

**SECHD16-AC - Special Education: Childhood Education (Grades 1-6)**

**Overview**

**Institution Code**

QNS01

**Official Name of Program**

Special Education: Childhood Education (Grades 1-6)

**Plan Code**

SECHD16-AC

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

ADVCERPM - Advanced Certificate Post Master's

**Requirements**

**SECHDB2-AC - Special Education: Early Childhood Education (Birth - Grade 2)**

**Overview**

**Institution Code**

QNS01

**Official Name of Program**

Special Education: Early Childhood Education (Birth - Grade 2)

**Plan Code**

SECHDB2-AC

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

ADVCERPM - Advanced Certificate Post Master's

**Requirements**

**SEDCHD-MAT - Childhood Special Education**

**Overview**

**Institution Code**

QNS01

**Official Name of Program**

Childhood Special Education

**Plan Code**

SEDCHD-MAT

**Department(s) Sponsoring Program**

School of Education

**Career**

Graduate

**Degree Designation**

MAT - Master of Arts in Teaching

**SEDGEN-MAT - Special Education Generalists**

**Overview**

**Institution Code**

QNS01

**Official Name of Program**

Special Education Generalists

**Plan Code**

SEDGEN-MAT

**Department(s) Sponsoring Program**

School of Education

**Career**

Graduate

**Degree Designation**

MAT - Master of Arts in Teaching

**Requirements**

**Simple Requisites**

**Major Requirements - Admission and Matriculation Requirements**

**Type**

Completion Requirement

Applicants to the graduate programs in Special Education

must:

- Hold an initial/provisional certificate in general education in the age/school range of the special education program to which they apply (Birth–Grade 2; Grades 1–6; Grade 7 through age 21).
- Have an overall grade-point average (GPA) of 3.0 or better from their undergraduate studies
- Take the GRE General Test
- Write a well-organized, well-conceptualized essay that clearly communicates their reasons for pursuing a degree in special education.
- Provide three letters of recommendation from professional sources. The letters must demonstrate the applicant’s superior abilities, qualities, and potential as a graduate candidate in special education.
- Indicate the nature of their current and past experiences with people with disabilities.

Additionally, applicants for the MSED in the Adolescent Special Education Generalist Program must have taken prerequisite courses as listed in the undergraduate course distribution that follows:

- English Language Arts: Successful completion (i.e., a grade of B or better in each course) of 2 English courses (6 credits), one must be English Composition.
- Social Sciences: Successful completion (i.e., a grade of B or better in each course) of 2 Social Sciences courses (6 credits). At least one of these courses must be a U.S. history course.
- Math: Successful completion (i.e., a grade of B or better in each course) of 2 mathematics courses (6 credits). Must include college algebra, geometry, or comparable courses. Up to 3 credits of statistics can count toward the math prerequisite.
- Science: Successful completion (i.e., a grade of B or better in each course) of 2 science courses (6 credits). Must include Biology, Chemistry or other science courses; one course must also include an associated laboratory component.

**Additional Comments:**

**Major Requirements - Overall**

Type  
Completion Requirement

**Earn at least 24 credits**

**Earn a minimum grade of 3.0**

**Additional Comments:**

**Major Requirements - Core**

Type  
Completion Requirement

English Language Arts

Successful completion with a grade of B or better in each course) of 2 English courses (6 credits), one must be English Composition.

Social Sciences

Successful completion with a grade of B or better of 2 Social Sciences courses (6 credits). At least one of these courses must be a U.S. history course.

Math

Successful completion with a grade of B or better in each course of 2 mathematics courses (6 credits). Must include college algebra, geometry, or comparable courses. Up to 3 credits of statistics can count toward the math prerequisite.

Science

Successful completion with a grade of B or better in each course of 2 science courses (6 credits). Must include Biology, Chemistry or other science courses; one course must also include an associated laboratory component.

**Additional Comments:**

## SEDYTH-AC - Secondary Literacy 5-12

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Secondary Literacy 5-12

**Plan Code**

SEDYTH-AC

**Department(s) Sponsoring Program**

Secondary Education and Youth Services

**Career**

Graduate

**Degree Designation**

ADV CERPM - Advanced Certificate Post Master's

### Requirements

**Simple Requisites**

**Program Requirements - Certificate Courses**

Type  
Completion Requirement

**Complete ALL of the following Courses:**

- SEYSL 701 - Historical Foundations of Literacy
- SEYSL 702 - Literacy in Content Areas.
- SEYSL 704 - Literature across the Curriculum
- SEYSL 750 - Literacy Assessment and Instruction

- SEYSL 752 - Consultation, Collaboration, and Literacy Program Renewal
- SEYSL 760 - Supervised Practicum with Middle/Junior High School Students.
- SEYSL 761 - Supervised Practicum with High School Students

Additional Comments:

## SHCSL-MSED - School Counseling

### Overview

**Institution Code**

QNS01

**Official Name of Program**

School Counseling

**Plan Code**

SHCSL-MSED

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

MSED - Master of Science in Education

## SHLEAD-AC - School Building Leader

### Overview

**Institution Code**

QNS01

**Official Name of Program**

School Building Leader

**Plan Code**

SHLEAD-AC

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

ADVCERPM - Advanced Certificate Post Master's

## SLPSY-MSED - School Psychologist

### Overview

**Institution Code**

QNS01

**Official Name of Program**

School Psychologist

**Plan Code**

SLPSY-MSED

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

MSED - Master of Science in Education

### Requirements

**Simple Requisites**

**Major Requirements - Admission Requirements**

**Type**

Completion Requirement

A. Applicants for admission to the Graduate Program in School Psychology are required to meet the general requirements for matriculation for the Master of Science in Education degree. Matriculation for this degree is limited to graduates of approved colleges who have had adequate preparation in both subject matter and professional courses. Candidates are expected to meet standards with respect to residence, citizenship, health, character, and personality as noted in the college's Graduate Bulletin. Candidates are accepted for admission only once each year, to begin the program in the Fall semester.

B. There are nine prerequisite courses for the program. All candidates are required to have had a course in each of the following areas of psychology and education. All courses must have been taken at an accredited college or university for a minimum of 3 credits each:

1. General Psychology
2. Statistical Methods in Psychology
3. Psychological Testing and Measurement
4. Experimental Psychology
5. Abnormal Psychology
6. Physiological Psychology (e.g., Behavioral Neuroscience)
7. Developmental Psychology
8. Foundations of Education (e.g., Philosophy of Education)
9. Literacy Education (e.g., Teaching Beginning Reading and Writing)

A minimum of seven of the nine prerequisites must have been satisfactorily completed at the time of matriculation into the program. No candidate may matriculate without completing the Psychological Testing and Measurement (Psychometrics) prerequisite. Once enrolled, candidates must complete any outstanding prerequisites prior to the beginning of the second year of the program.

C. All candidates must have completed a satisfactory undergraduate program of study in psychology or a related major.

### ADMISSIONS PROCEDURES

Applicants are admitted through the following admissions procedures:

1. A review of undergraduate records with a minimum cumulative average of 3.0, and an average of 3.0 in all courses in Psychology and Education.
2. A personal statement.
3. Three written recommendations are required. At least two letters must be from undergraduate or graduate instructors in psychology and/or education. All reference letters should be on the instructors' stationery. Additional letters of recommendation are also appropriate from a current job or from a recent job related to education and/or psychology.
4. A review of resume that includes educational history and work experiences.
5. A personal interview.
6. A writing sample at the time of the interview.

Additional Comments:

**Major Requirements - Overall**

**Type**

Completion Requirement

**Earn at least 61 credits****Program Criteria**

- **Grade-Point Average:** Candidates must maintain a B (3.0) grade-point average in order to remain matriculated in the program.
- **Seminars:** New York State law mandates that all candidates provide documentation that they have completed seminars in (a) Child Abuse, Prevention, and Intervention, (b) Harassment, Bullying, and Discrimination Prevention and Intervention (DASA), and (c) School Violence Prevention and Intervention
- **Culminating Experience – Professional Performance-Based Portfolio:** All candidates in their internship year prepare a Professional Performance-Based Portfolio for submission to the faculty.
- **This portfolio consists of case studies in areas including assessment, academic and behavioral interventions, counseling and consultation, a research project, a resume, and a personal statement.** The portfolios will be reviewed by the faculty and provide evidence of competency in all 10 NASP domains.
- **PRAXIS Examination:** All candidates are required to take the PRAXIS II (specialty) exam in School Psychology prior to graduation. Their scores must be reported to the School Psychology Office and are required as part of national certification as a School Psychologist. Registration information can be obtained from the Educational Testing Service (ETS) at 609-771-7395 or [www.ets.org/praxis](http://www.ets.org/praxis). Other information is available at [nasponline.org](http://nasponline.org).
- **Anthology:** Candidates are required to purchase an Anthology ePortfolio subscription in order to submit their assignments as directed until graduation.
- **Insurance:** It is necessary for practica and internship candidates to purchase malpractice insurance, which is available at low cost through the American Psychological Association or the National Association of School Psychologists. Student membership in either organization is required in order to be eligible for insurance. A fee of approximately \$30.00 will be charged for each year of insurance.
- **Candidate Professional Behavior:** Candidates must demonstrate professional work characteristics, including ethical and legal conduct. All candidates follow the APA and NASP Ethical Codes.
- **Candidate Personal Characteristics:** Each semester a review of candidates will be conducted to decide whether they are progressing satisfactorily. Responsible training for work in school and mental health settings requires that in addition to meeting academic requirements, candidates must have appropriate personal and professional characteristics. These include—but are not limited to— communication skills, interpersonal skills, respect for human diversity, professional judgment, and ethical conduct. In addition, candidates are expected to demonstrate sensitivity to client issues and effective management of personal stress or adjustment difficulties. At the end of each semester, the faculty of the School Psychology program will evaluate each candidate's suitability for continuation in the program, considering information from all sources in the program and related settings. The decision that a candidate must leave the program on academic and/or professional/personal grounds will be made by the program

faculty and may be appealed, should the candidate wish, to a special Ad Hoc Appeals Committee of the department, which will include no one who participated in the initial evaluation.

**Requirements to Advance to Practica and Internship**

Candidates who do not receive B (3.0) or better in assessment or practica courses (ECP 772, 773, 774, 775, 777, 778, 781, 861, 867, 868) may not proceed to subsequent practica and internships except with permission of the faculty. Candidates may be asked to do additional work such as retaking a course or courses and/or spending additional time in the field, if it is thought this will be sufficient to help them demonstrate competency in a reasonable time.

**Continuity of Study**

Any break in the continuity of study or leave of absence by a candidate will require a review by the faculty before the candidate returns to the program and study is resumed. Such reviews could result in requiring candidates to retake courses or other requirements to ensure competencies are maintained.

All candidates must meet appropriate academic and scholarship standards to remain in and complete the program. They must also demonstrate appropriate personal, professional, and ethical conduct as established by the program and school psychology profession (i.e., ethical and professional standards in psychology and school psychology, including APA and NASP). Candidates are expected to abide by the CUNY policy on Academic Integrity. All candidates are subject to review and sanctions, including dismissal, as a result of academic and/or professional deficiencies. Candidates have the right to appeal all decisions regarding academic performance and personal and/or professional behavior as per college, department, and program policies.

**Student Appeal Process**

Candidates have the right to appeal all decisions regarding academic performance and personal and/or professional behavior. Appeals are made to a special Ad Hoc Appeals Committee of the department and beyond, to the Graduate Scholastic Standards Committee.

**Additional Comments:**

The program for each candidate will be modified individually, depending on the candidate's background and preparation. The program is a structured sequence that may be completed in three years of full-time study (including a one-year full-time internship) or four years of part-time study (including a one-year full-time internship). In the Spring semester before internship, candidates must spend one day a week in a school setting chosen by the program. In addition, candidates must receive a grade of Pass in both semesters of internship in order to receive a degree and be eligible for a Certificate.

**Major Requirements - Core****Type**

Completion Requirement

**Complete ALL of the following Courses:**

- ECPSP 860 - Human Development
- ECPSP 772 - Theory and Practice in Assessment of Intelligence and Cognitive Functioning I
- ECPSP 863 - Exceptionality of Human Development
- ECPSP 779 - Multicultural Issues in School Psychology
- ECPSP 862 - Developmental Psychopathology
- ECPSP 773 - Theory and Practice in Assessment of Intelligence and Cognitive Functioning II
- ECPSP 865 - Learning and Instructional Strategies

- ECSPSP 774 - Theory and Practice of Personality Evaluation I
- ECSPSP 770 - Behavioral Assessment and Intervention
- ECSPSP 866 - Seminar in Special Issues
- ECSPSP 778 - Counseling Techniques for School Psychologists
- ECSPSP 777 - Practicum in School Psychology Assessment
- ECSPSP 867 - Practicum in School Psychology Consultation
- ECSPSP 868 - Advanced Practicum in School Psychology Counseling and Crisis Intervention
- ECSPSP 771 - Professional Issues in School Psychology
- ECSPSP 764 - Introduction to Research in School Psychology
- ECSPSP 864 - Research Design and Data Analysis in School Psychology
- ECSPSP 861 - Seminar in Special Issues
- ECSPSP 768 - Internship in School Psychology I
- ECSPSP 769 - Internship in School Psychology II
- Students in the Bilingual and Multicultural Specializations register for ECSPSP 768.1 & 769.1. instead of ECSPSP 768 & 769.

Additional Comments:

**Major Requirements - Bilingual Specialization**

Type  
Completion Requirement

Complete ALL of the following Courses:

- ECSPSP 781 - Assessment of Linguistically and Culturally Diverse Students
- ECSPSP 782 - Multicultural Interventions

Additional Comments:

## SOCST-AC - Social Studies Education 1-6th grades

### Overview

Institution Code  
QNS01

Official Name of Program  
Social Studies Education 1-6th grades

Plan Code  
SOCST-AC

Department(s) Sponsoring Program  
Elementary and Early Childhood Education

Career  
Graduate

Degree Designation  
ADVCERPM - Advanced Certificate Post Master's

## SPAN-MA - Spanish

### Overview

Institution Code  
QNS01

Official Name of Program  
Spanish

Plan Code  
SPAN-MA

Department(s) Sponsoring Program  
Hispanic Literature & Language

Career  
Graduate

Degree Designation  
MA - Master of Arts

## Requirements

### Simple Requisites

**Major Requirements - Admission Requirement**

Type  
Prerequisite

Fulfill ALL of the following requirements:

These requirements are in addition to the general requirements for admission.

1. Undergraduate degree with a strong component in Spanish (21 credits beyond the second-year of language), including the equivalent of SPAN 240, 250, 260, 280, 290, 310, or 312 and a 300-level elective course.
2. The credentials of each applicant are to be examined by a departmental committee which shall have the authority to accept or reject the candidate. This committee may request an interview with a candidate for admission if necessary

Additional Comments:

**Major Requirement - Overall**

Type  
Completion Requirement

Earn at least 33 credits

Additional Comments:

**Major Requirements - Required Courses**

Type  
Completion Requirement

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:

- SPAN 700 - Stylistics and Composition

Latin American Literature

Earn at least 9 credits from the following:

- SPAN 752 - Eighteenth and Nineteenth-Century Latin American Literature
- SPAN 754 - Modernismo in Latin American Literature
- SPAN 758 - Latin American Literature into the Twenty-First Century.

Peninsular Literature

Earn at least 9 credits from the following:

- SPAN 772 - Peninsular Spanish Culture and Thought

Seminar Courses

Earn at least 6 credits from the following:

- SPAN 783 - Research Seminar: Hispanic Linguistics
- SPAN 784 - Research Seminar: Hispanic Literature

Additional Comments:



## SPESC-MSED - Alt Cert: Special Education Earth Science 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Alt Cert: Special Education Earth Science 7-12

Plan Code

SPESC-MSED

Department(s) Sponsoring Program

Educational and Community Programs

Career

Graduate

Degree Designation

MSED - Master of Science in Education

## SPFRN-MSED - Alt Cert: Special Education: French 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Alt Cert: Special Education: French 7-12

Plan Code

SPFRN-MSED

Department(s) Sponsoring Program

Educational and Community Programs

Career

Graduate

Degree Designation

MSED - Master of Science in Education

### Requirements

#### Simple Requisites

#### Major Requirements - Overall

Type

Completion Requirement

Earn at least 30 credits

Additional Comments:

#### Major Requirements - Major Language

Type

Completion Requirement

Two courses (6 cr.) in language and linguistics and Four courses (12 cr.) in literature and civilization

Complete at least 6 courses in the following course sets:

- Major Language French Courses

Additional Comments:

#### Major Requirements - Secondary Education

Type

Completion Requirement

Fulfill ALL of the following requirements:

Foundations of Education

Complete at least 1 of the following courses:

- SEYS 701 - A History of Ideas in Education.
- SEYS 702 - The History of Education in the United States.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices
- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 705 - School and Society
- SEYS 706 - Globalization and Comparative Education
- SEYS 707 - Major Issues in Education
- SEYS 708 - Seminar in Theoretical Study of Education.

AND

Psychological Foundations

Complete at least 1 of the following courses:

- SEYS 709 - Humanistic Psychology: Educational Applications.
- SEYS 710 - The Psychology of Adolescence
- SEYS 717 - Learning Theory in Education.
- SEYS 718 - Classroom Management
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools
- SEYS 768 - Measurement and Assessment in Education

AND

Curriculum and Instruction in Foreign Language Education

Complete ALL of the following Courses:

- SEYS 743 - Curriculum and Instruction in Foreign Language Education

AND

#### Major Requirements - Matriculation

Type

Prerequisite

Fulfill ALL of the following requirements:

A strong undergraduate concentration in the language of specialization consisting of at least 21 credits above course 204.

AND

Fulfill ANY of the following requirements:

Complete ALL of the following Programs:

- SEYS-MIN - Secondary Education (Inactive)

OR

Complete ALL of the following Course Sets:

- Secondary Education Initial Certificate Courses

#### Additional Comments:

In addition to the general admission requirements stated in the Admission, Retention & Graduation section, applicants should have:

- A strong undergraduate concentration in the language of specialization consisting of at least 21 credits above course 204.

Seminar in Research in Foreign Language Education

Complete at least 1 of the following courses:

- SEYS 785 - Seminar Research in Foreign Language Education
- SEYS 7903 - Independent Study

Additional Comments:

Major Requirement - Program of Study

Type

Completion Requirement

Additional Comments:

Students should meet with the graduate advisor as soon as possible to plan their program of study and submit it for approval.

## SPITL-MSED - Alt Cert: Special Education Italian 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Alt Cert: Special Education Italian 7-12

Plan Code

SPITL-MSED

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

MSED - Master of Science in Education

### Requirements

Simple Requisites

Major Requirements - Matriculation

Type

Completion Requirement

Fulfill ALL of the following requirements:

Complete ALL of the following Programs:

- ITAL-BA - Italian

AND

Fulfill ANY of the following requirements:

Complete ALL of the following Programs:

- SEYS-MIN - Secondary Education (Inactive)

OR

Complete ALL of the following Course Sets:

- Secondary Education Initial Certificate Courses

Additional Comments:

Major Requirements - Overall

Type

Completion Requirement

Earn at least 30 credits

Additional Comments:

Major Requirements - Major Language

Type

Completion Requirement

Two courses (6 cr.) in language and linguistics and Four courses (12 cr.) in literature and civilization

Complete at least 6 courses in the following course sets:

- Major Language Italian Courses

Additional Comments:

Major Requirements - Secondary Education

Type

Completion Requirement

Fulfill ALL of the following requirements:

Foundations of Education

Complete at least 1 of the following courses:

- SEYS 701 - A History of Ideas in Education.
- SEYS 702 - The History of Education in the United States.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices
- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 705 - School and Society
- SEYS 706 - Globalization and Comparative Education
- SEYS 707 - Major Issues in Education
- SEYS 708 - Seminar in Theoretical Study of Education.

AND

Psychological Foundations

Complete ALL of the following Courses:

- SEYS 709 - Humanistic Psychology: Educational Applications.
- SEYS 710 - The Psychology of Adolescence
- SEYS 717 - Learning Theory in Education.
- SEYS 718 - Classroom Management
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools
- SEYS 768 - Measurement and Assessment in Education

AND

Curriculum and Instruction in Foreign Language Education

Complete ALL of the following Courses:

- SEYS 743 - Curriculum and Instruction in Foreign Language Education

AND



Seminar in Research in Foreign Language Education

Complete ALL of the following Courses:

- SEYS 785 - Seminar Research in Foreign Language Education

Additional Comments:

Major Requirement - Program of Study

Type

Completion Requirement

Additional Comments:

Students should meet with the graduate advisor as soon as possible to plan their program of study and submit it for approval.

## SPPHY-MSED - Alt Cert: Special Education Physics 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Alt Cert: Special Education Physics 7-12

Plan Code

SPPHY-MSED

Department(s) Sponsoring Program

Educational and Community Programs

Career

Graduate

Degree Designation

MSED - Master of Science in Education

## SPPTH-MA - Speech-Language Pathology

### Overview

Institution Code

QNS01

Official Name of Program

Speech-Language Pathology

Plan Code

SPPTH-MA

Department(s) Sponsoring Program

Linguistics & Communication Disorders

Career

Graduate

Degree Designation

MA - Master of Arts

### Requirements

Simple Requisites

Masters Requirements - Admission Requirements

Type

Completion Requirement

Fulfill ALL of the following requirements:

Earn a minimum GPA of 3.0

AND

Speech-Language-Hearing Association Requirements

Applicant must satisfy minimum requirements for admission as well as those required by the American Speech-Language-Hearing Association for admission to graduate study in Speech-Language Pathology. Applicants must have at least 3 semester credit hours in the biological sciences, 3 semester credit hours in the physical sciences, 3 semester credit hours in statistics and 6 semester credit hours in the behavioral or social sciences. They also must have completed the following courses with at least 3 semester credit hours in each:

- Child Development
- Phonetics
- Anatomy & Physiology of Speech and Language
- Speech and Hearing Sciences
- Language Acquisition
- Audiology
- Two courses in communication disorders in children and adults
- One course in linguistics/ language (e.g., syntax, psycholinguistics, school age language, bilingualism, introduction to language)

AND

Letters of Recommendation

Three letters of recommendation, at least two of which come from faculty members. An interview may be required.

Additional Comments:

Masters Requirements - Overall

Type

Completion Requirement

Earn a minimum GPA of 3.0

Earn at least 48 credits

Full-time Enrollment

- Candidates in Speech-Language Pathology must be enrolled as full-time students for four consecutive semesters.
- Attendance during the summer semester of the year following their admission to the program may also be required.

Additional Comments:

Masters Requirements - Required

Type

Completion Requirement

Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- Students must take a course in Foundations of Education (SEYS 536), or its equivalent.

Clinicals

- Candidates must complete at least 12-14 hours a week of supervised clinical practicum each semester.
- Candidates must complete a minimum of 400 clock hours of supervised clinical experience. One of those placements must be in an elementary or secondary school setting.

**Additional Requirements**

- Students must consult with the program director for additional requirements (e.g., tests, seminars) to obtain certification from the NYS Department of Education to teach children with speech and language disabilities.

Additional Comments:

## SPSPN-MSED - Alt Cert: Spcial Education Spanish 7-12

### Overview

**Institution Code**

QNS01

**Official Name of Program**

Alt Cert: Spcial Education Spanish 7-12

**Plan Code**

SPSPN-MSED

**Department(s) Sponsoring Program**

Educational and Community Programs

**Career**

Graduate

**Degree Designation**

MSED - Master of Science in Education

### Requirements

#### Simple Requisites

**Major Requirements - Matriculation**

**Type**

Prerequisite

Fulfill ALL of the following requirements:

A Strong undergraduate concentration in Spanish, consisting of at least 21 credits above SPAN 204

AND

Fulfill ANY of the following requirements:

Complete ALL of the following Programs:

- SEYS-MIN - Secondary Education (Inactive)

OR

Complete ALL of the following Course Sets:

- Secondary Education Initial Certificate Courses

In addition to the general admission requirements

Additional Comments:

Major Requirements - Overall

**Type**

Completion Requirement

**Earn at least 33 credits**

Students should meet with the Graduate Advisors in both the Department of Secondary Education and the Department of Hispanic Languages and Literatures as soon as possible to plan their program of study and submit it for approval. The Master of Science in Secondary Education: Spanish program consists of 33 credits: 15 credits of 700-level education coursework and 18 credits of 700-level coursework in Spanish. All candidates have a portfolio exit requirement.

**Earn a minimum GPA of 3.0**

A minimum of 3.0 is required to enter and remain in the program

Additional Comments:

**Major Requirements - Major Language**

**Type**

Completion Requirement

**Earn at least 18 credits from the following:**

- Major Language Spanish Courses

**Additional Comments:**

Six courses (18 cr.) from the Spanish graduate program. These courses are to be distributed as follows:

- Two courses (6 cr.) in Language and Linguistics, including SPAN 700.
- Three courses (9 cr.) in Literature.
- One course (3 cr.) in Culture and Civilization. This requirement may be met by either SPAN 772 or 774.

**Major Requirements - Secondary Education**

**Type**

Completion Requirement

Fulfill ALL of the following requirements:

Foundations of Education

Complete at least 1 of the following courses:

- SEYS 701 - A History of Ideas in Education.
- SEYS 702 - The History of Education in the United States.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices
- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 705 - School and Society
- SEYS 706 - Globalization and Comparative Education
- SEYS 707 - Major Issues in Education
- SEYS 708 - Seminar in Theoretical Study of Education.

AND

Psychological Foundations

Complete at least 1 of the following courses:

- SEYS 709 - Humanistic Psychology: Educational Applications.
- SEYS 710 - The Psychology of Adolescence

- SEYS 717 - Learning Theory in Education.
- SEYS 718 - Classroom Management
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools
- SEYS 768 - Measurement and Assessment in Education

AND

Complete ALL of the following Courses:

- SEYS 743 - Curriculum and Instruction in Foreign Language Education

AND

Complete ALL of the following Courses:

- SEYS 785 - Seminar Research in Foreign Language Education

AND

Complete ALL of the following Courses:

- SEYS 786 - Advanced Seminar in Research in Foreign Language Education.

AND

**Exit Requirement**

As an exit requirement candidates will complete a professional portfolio based on INTASC World Language Standards and Queens College conceptual framework (3 Es) to represent all content in MSED. The candidate will also defend the portfolio with a panel of faculty members.

Additional Comments:

## SPSST-MSED - Alt Cert: Special Education Social Studies 7-12

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Alt Cert: Special Education Social Studies 7-12

**Plan Code** SPSST-MSED      **Department(s) Sponsoring Program**  
Educational and Community Programs

**Career** Graduate      **Degree Designation**  
MSED - Master of Science in Education

## SSCI-MA - Social Sciences

### Overview

**Institution Code**  
QNS01

**Official Name of Program**  
Social Sciences

**Plan Code**  
SSCI-MA

**Department(s) Sponsoring Program**  
School of Social Sciences

**Career**  
Graduate

**Degree Designation**  
MA - Master of Arts

### Requirements

#### Simple Requisites

**Major Requirements - Overall**

**Type**  
Completion Requirement

Earn at least 30 credits

Additional Comments:

**Major Requirements - Required Courses**

**Type**  
Completion Requirement

Fulfill ALL of the following requirements:

Required Core

Complete ALL of the following Courses:

- FNES 702 - Statistical Methods in FNES.
- FNES 705 - Research Methods in Physical Education

AND

Specialization

Earn at least 21 credits from the following:

- FNES 713 - Curriculum Development in Physical Education
- FNES 714 - Analysis of Teaching Physical Education
- FNES 715 - Movement Experiences for Atypical Populations
- FNES 716 - Application of Contextual Issues in Physical Education
- FNES 730 - Mechanical Analysis of Human Movement
- FNES 740 - Motor Learning and Performance.

AND

School of Education

Earn at least 3 credits

One elective course from the Development of Elementary and Early Childhood Education or Department of Secondary Education and Youth Services (700 level), and must be approved in advance by the graduate adviser.

AND

Written Comprehensive Examination

Student must pass a written comprehensive examination in the major field of study. Examination is to complete during the final semester of attendance. Arrangements must be made early in that semester.

Additional Comments:

## TAE712-MAT - Transition Adolescent Education English 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Transition Adolescent Education English 7-12

Plan Code

TAE712-MAT

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

MAT - Master of Arts in Teaching

## TAS712-MAT - Transition Adolescent Education Science 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Transition Adolescent Education Science 7-12

Plan Code

TAS712-MAT

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

MAT - Master of Arts in Teaching

### Requirements

## TAX-MS - Taxation

### Overview

Institution Code

QNS01

Official Name of Program

Taxation

Plan Code

TAX-MS

Department(s) Sponsoring Program

Accounting & Information Systems

Career

Graduate

Degree Designation

MS - Master of Science

### Requirements

#### Simple Requisites

#### Major Requirements -Overall

Type

Completion Requirement

Earn at least 30 credits

Additional Comments:

#### Major Requirements -Required Courses

Type

Completion Requirement

Complete ALL of the following Courses:

- ACCT 747 - Tax and Accounting Communications
- ACCT 757 - Federal Taxation of Business Entities
- ACCT 758 - State and Local Taxation, and Tax-Exempt Entity
- CAS 759 - Vt:Studies In Comm (Inactive)
- ACCT 760 - IRS Ethical Tax Practice, Procedures and Research Methods
- ACCT 761 - Taxation of Partnership and S Corporation
- ACCT 762 - Deferred Compensation & Employee Benefits
- ACCT 763 - International Taxation
- ACCT 764 - Reorganization, Liquidations and Consolidated Returns
- ACCT 765 - Capstone

Capstone must meet with assigned advisor at mid point of the program for approval of the capstone project (prereq:747 and 757)

Corereq (758,759, 761, 762, 763, or 764)

Additional Comments:

## TESOL-AC - English Language Teaching

### Overview

Institution Code

QNS01

Official Name of Program

English Language Teaching

Plan Code

TESOL-AC

Department(s) Sponsoring Program

Linguistics & Communication Disorders

Career

Graduate

Degree Designation

ADVCERP - Advanced Certificate Post Baccalaureate

### Requirements

#### Simple Requisites

#### Major Requirements - Admissions

Type

Prerequisite

Additional Comments:

Students are accepted into the program in the Fall semester (course study may commence in the Summer semester). Application deadline: April 1. The requirements noted here are in addition to the general requirements for admission to graduate programs at Queens College.

1. Completion of a bachelor's degree with a 3.0 GPA minimum (or its foreign university equivalent).
2. Applicants whose first language is not English and who do not hold an undergraduate or graduate degree from an accredited American institution of higher education must submit proof of either having achieved a score of 600 or higher on the written version of the Test of English as a Foreign Language (TOEFL) with the following minimum scores: 600 (paper-based test), 250 (computer-based test), 100 (Internet-based test).
3. Three letters of recommendation.
4. A personal essay of approximately 500 words.

5. The credentials of each applicant will be examined by the Linguistics Graduate Admissions Committee. An interview may be requested.
6. The number of applicants approved for matriculation is limited by available resources; therefore, applicants who otherwise meet minimum requirements for matriculation may not necessarily be admitted.

Completion of a bachelor's degree with a minimum GPA of 3.0.

Applicants whose first language is not English and who do not hold an undergraduate or graduate degree from an accredited American institution of higher education must submit proof of having passed the Test of English as a Foreign Language (TOEFL) with the following minimum scores: 600 (paper-based test), 250 (computer-based test), 100 (Internet-based test).

Three letters of recommendation.

A personal essay of approximately 500 words.

The credentials of each applicant will be examined by the Linguistics Graduate Admissions Committee. An interview may be requested.

The number of applicants approved for matriculation is limited by available resources; therefore, applicants who otherwise meet minimum requirements for matriculation may not necessarily be admitted.

Additional Comments:

**Major Requirements - Maintenance**

Type

Completion Requirement

Fulfill ALL of the following requirements:

Earn a minimum GPA of 3.0

AND

All students must file a Program of Study form with the program director.

Additional Comments:

**Major Requirements - Overall**

Type

Completion Requirement

Earn an average GPA of 3.0

All students must file a Program of Study form with the graduate advisor.

Additional Comments:

**Major Requirements - Certificate**

Type

Completion Requirement

Fulfill ALL of the following requirements:

Earn a minimum overall GPA of 3.0 in the following:

- LCD 701 - Introduction to Linguistics
- LCD 702 - Teaching English Sentence Structure I
- LCD 703 - Teaching English Sentence Structure II
- LCD 720 - Teaching English Sound Structure
- LCD 740 - Second Language Acquisition and Teaching
- LCD 741 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing.
- LCD 750 - Practicum in Adult TESOL

Additional Comments:

**Major Requirements - Core**

Type

Completion Requirement

Complete at least 1 of the following:

Students who possess a NYS Teaching Certificate

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:

- LCD 701 - Introduction to Linguistics
- LCD 702 - Teaching English Sentence Structure I
- LCD 703 - Teaching English Sentence Structure II
- LCD 705 - Language and Cross-Cultural Communication.
- LCD 706 - Bilingualism
- LCD 707 - Evaluation and Measurement in TESOL.
- LCD 712 - Multiple Literacies in TESOL
- LCD 720 - Teaching English Sound Structure
- LCD 7403 - Second Language Acquisition and Teaching
- LCD 7413 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing
- LCD 742 - Methods and Materials of TESOL: The Content Areas
- LCD 790 - Seminar in Research in TESOL
- LCD 796 - Student Teaching Internship in TESOL for Certified Teachers

## TESOL-MSED - TESOL (K-12)

### Overview

Institution Code

QNS01

Official Name of Program

TESOL (K-12)

Plan Code

TESOL-MSED

Department(s) Sponsoring Program

Linguistics & Communication Disorders

Career

Graduate

Degree Designation

MSED - Master of Science in Education

### Requirements

Simple Requisites

Major Requirements - Special Requirements for Admission

Type

Prerequisite

AND

Fulfill ANY of the following requirements:

Student with K-6 Certification

Complete ALL of the following Courses:

- SEYS 552 - Educational Psychology

OR

Student with 7-12 Certification

Complete at least 0 of the following courses:

- EECE 710 - Ecological Perspectives on Development: The Early Years
- EECE 711 - Ecological Perspectives on Development: The Childhood Years
- EECE 712 - Humanistic Psychology: Educational Applications

OR

Students who do not possess a NYS Teaching Certificate

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:

- LCD 701 - Introduction to Linguistics
- LCD 702 - Teaching English Sentence Structure I
- LCD 703 - Teaching English Sentence Structure II
- LCD 705 - Language and Cross-Cultural Communication.
- LCD 706 - Bilingualism
- LCD 707 - Evaluation and Measurement in TESOL.
- LCD 712 - Multiple Literacies in TESOL
- LCD 720 - Teaching English Sound Structure
- LCD 7404 - Second Language Acquisition and Teaching
- LCD 7414 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing
- LCD 742 - Methods and Materials of TESOL: The Content Areas
- LCD 790 - Seminar in Research in TESOL
- LCD 794 - Student Teaching Internship in TESOL I
- LCD 795 - Student Teaching Internship in TESOL II

AND

Pedagogy

Complete ALL of the following Courses:

- SEYS 536 - Educational Foundations
- EECE 710 - Ecological Perspectives on Development: The Early Years
- OR EECE 711 - Ecological Perspectives on Development: The Childhood Years
- OR EECE 712 - Humanistic Psychology: Educational Applications
- SEYS 552 - Educational Psychology
- ECPSE 550 - Foundations of Special Education

Additional Comments:

Major Requirements - NYS Certification Requirements

Type

Completion Requirement

Candidates accepted into the program must also satisfy (if not satisfied by previous study) the following NYS certification requirements prior to graduation (course deficiencies must be made up in consultation with the graduate advisor):

- A broad liberal arts background that includes courses in English / comparative literature / literary criticism; American history; mathematics; natural sciences; social sciences; 12 semester hours or the equivalent of study of a language other than English
- Tests and seminars, as advised by the graduate advisor.

Additional Comments:

## TESOLBL-AC - TESOL and Elementary Bilingual Education

### Overview

Institution Code

QNS01

Official Name of Program

TESOL and Elementary Bilingual Education

Plan Code

TESOLBL-AC

Department(s) Sponsoring Program

Linguistics & Communication Disorders

Career

Graduate

Degree Designation

ADVCPBPB - Advanced Certificate Post Baccalaureate

### Requirements

Simple Requisites

Program Requirements - Admission Requirements

Type

Completion Requirement

1. Master's in Education (MAT or MSED).
2. Current NYSED Teacher Certification in elementary education.
3. Fluency in a language other than English in which Bilingual Extension is offered.
4. Personal interview, including evaluation of oral and written English language proficiency.
5. Applicants whose first language is not English and who do not hold a degree from an accredited institution of higher education in a country where English is an official language must submit proof of having passed the Test of English as a Foreign Language (TOEFL) with the following minimum scores: 600 (paper-based test); 250 (computer-based test); 100 (Internet-based test).

Additional Comments:

Program Requirements - Overall

Type

Completion Requirement



Students are accepted into the program in the Fall semester (course study may commence in the Summer semester). Application deadline: April 1. The requirements noted here are in addition to the general requirements for admission to graduate programs at Queens College.

1. Applicants must hold a current, valid NYS initial or professional teaching certificate in any area; must have earned a master's degree; must have achieved a minimum cumulative GPA of 3.0 in their master's degree program.
2. Applicants whose first language is not English and who do not hold an undergraduate or graduate degree from an accredited American institution of higher education must submit proof of having passed the Test of English as a Foreign Language (TOEFL) with the following minimum scores: 600 (paper-based test), 250 (computer-based test), 100 (Internet-based test).
3. Three letters of recommendation.
4. A personal essay of approximately 500 words.
5. The credentials of each applicant will be examined by the Linguistics Graduate Admissions Committee. An interview may be requested.
6. The number of applicants approved for matriculation is limited by available resources; therefore, applicants who otherwise meet minimum requirements for matriculation may not necessarily be admitted.

**Major Requirements - Maintenance**

Type  
Completion Requirement

Fulfill ALL of the following requirements:

Earn a minimum overall GPA of 3.0

AND

All students must file a Program of Study form with the graduate advisor.

Additional Comments:

**Major Requirements - Certificate**

Type  
Completion Requirement

Fulfill ALL of the following requirements:

Earn a minimum overall GPA of 3.0 in the following:

- LCD 701 - Introduction to Linguistics
- LCD 702 - Teaching English Sentence Structure I
- LCD 706 - Bilingualism
- LCD 712 - Multiple Literacies in TESOL
- LCD 740 - Second Language Acquisition and Teaching
- LCD 742 - Methods and Materials of TESOL: The Content Areas

AND

Candidates accepted into the program must also satisfy (if not satisfied by the previous study) the following NYS certification requirements prior to graduation (course deficiencies must be made up in consultation with the graduate advisor):

AND

A broad liberal arts background that includes courses in English / comparative literature / literary criticism; American history; mathematics; natural sciences; social sciences; 12 semester hours or the equivalent of study of a language other than English.

AND

A course in both Child Development and Adolescent Development.

AND

Tests and seminars, as advised by the graduate advisor.

Additional Comments:

## TMCSI-MSED - Teaching Math and CSCI Grades 7-12

### Overview

Institution Code

QNS01

Official Name of Program

Teaching Math and CSCI Grades 7-12

Plan Code

TMCSI-MSED

Department(s) Sponsoring Program

Secondary Education and Youth Services

Career

Graduate

Degree Designation

MSED - Master of Science in Education

### Requirements

Simple Requisites

**Major Requirements - Special Requirements for Admission**

Type  
Completion Requirement

All students must have a bachelor's degree from an accredited college or university, or the foreign equivalent. They must have completed: (1) a major in the area in which they wish to become certified; (2) one year of college-level study, or its equivalent, in a language other than English; and (3) an undergraduate education sequence (including student teaching or its equivalent).

Students should also have a cumulative and departmental average of at least B (3.0).

Students must take the Graduate Record Exam (GRE); however, there is currently no minimum score required.

For MEd programs in mathematics education, teaching mathematics and computer science, and mathematics and bilingual education, the following courses or their equivalents are required prior to admission: MATH 151, 152, 201, 231, and 241.

Additional Comments:



**Major Requirements - Overall**

Type

Completion Requirement

Earn at least 30 credits

Additional Comments:

**Major Requirements - Pedagogical Courses**

Type

Completion Requirement

Historical, Philosophical, and Social Foundations of Education

Complete at least 1 of the following courses:

- SEYS 701 - A History of Ideas in Education.
- SEYS 702 - The History of Education in the United States.
- SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices
- SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy
- SEYS 705 - School and Society
- SEYS 706 - Globalization and Comparative Education
- SEYS 707 - Major Issues in Education
- SEYS 708 - Seminar in Theoretical Study of Education.
- SEYS 720 - The Education of Immigrants' Children in the United States.

Psychology Foundations

Complete at least 1 of the following courses:

- SEYS 709 - Humanistic Psychology: Educational Applications.
- SEYS 710 - The Psychology of Adolescence
- SEYS 717 - Learning Theory in Education.
- SEYS 718 - Classroom Management
- SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools

Complete ALL of the following Courses:

- SEYS 751 - Mathematics in the Secondary School.

Complete ALL of the following Courses:

- SEYS 775 - Seminar in Research in Mathematics Education
- SEYS 776 - Seminar in Research in Mathematics Education

Additional Comments:

**Major Requirements - Computer Science Courses**

Type

Completion Requirement

Complete ALL of the following Courses:

- CSCI 611 - Advanced Programming in C++
- CSCI 612 - Advanced Programming in Java
- CSCI 613 - Data Structures
- CSCI 620 - Discrete Structures
- CSCI 640 - Computer Organization and Assembly Language
- CSCI 655 - Internet and Web Technologies

Additional Comments:

**TSWDA-MSED - Teaching SWD Adolescent Gen Grades 7-12****Overview**

Institution Code

QNS01

Official Name of Program

Teaching SWD Adolescent Gen Grades 7-12

Plan Code

TSWDA-MSED

Department(s) Sponsoring Program

Educational and Community Programs

Career

Graduate

Degree Designation

MSED - Master of Science in Education

**Requirements**

Simple Requisites

**Major Requirements - Overall**

Type

Completion Requirement

Earn at least 36 credits

Additional Comments:

**Major Requirements - Core**

Type

Completion Requirement

Complete ALL of the following Courses:

- ECPSE 700 - Foundations of Special Education
- ECPSE 703 - Introduction to Assessment in Adolescent Special Education
- ECPSE 708 - Collaboration with Families and School-Based Teams
- ECPSE 714 - Language and Literacy: Principles and Practices in Adolescent Special Education
- ECPSE 720 - Trends and Issues in the Education of Learners with Severe Disabilities
- ECPSE 722 - Applied Behavior Analysis and Positive Behavioral Supports
- ECPSE 725 - Internship in Severe Disabilities: Adolescent Special Education
- ECPSE 740 - Curriculum and Instruction for Adolescent Special Education
- ECPSE 741 - Advanced Seminar in Adolescent Special Education
- ECPSE 746 - Research in Special Education
- ECPSE 748 - Advanced Research in Special Education

Additional Comments:

**TSWDADL-AC - Teaching SWD at the Adol level Gen 7-12****Overview**

Institution Code

QNS01

Official Name of Program

Teaching SWD at the Adol level Gen 7-12

Plan Code TSWDADL-AC	Department(s) Sponsoring Program Educational and Community Programs
Career Graduate	Degree Designation ADVCERPM - Advanced Certificate Post Master's

## Requirements

### Simple Requisites

#### Major Requirements - Special Requirements for Admission

Type  
Completion Requirement

This program is open to candidates who already have NY State teacher certification.

Additional Comments:

#### Major Requirements - Overall

Type  
Completion Requirement

Earn at least 18 credits

Additional Comments:

#### Major Requirements - Core

Type  
Completion Requirement

- Complete ALL of the following Courses:
- ECPSE 700 - Foundations of Special Education
  - ECPSE 703 - Introduction to Assessment in Adolescent Special Education
  - ECPSE 722 - Applied Behavior Analysis and Positive Behavioral Supports
  - ECPSE 725 - Internship in Severe Disabilities: Adolescent Special Education
  - ECPSE 740 - Curriculum and Instruction for Adolescent Special Education

Additional Comments:

## URBN-MA - Urban Affairs

### Overview

Institution Code QNS01	Department(s) Sponsoring Program Urban Studies
Official Name of Program Urban Affairs	Degree Designation MA - Master of Arts
Plan Code URBN-MA	
Career Graduate	

## Requirements

### Simple Requisites

Major Requirements - Matriculation

Type  
Prerequisite

Applicants must demonstrate aptitude for completing a graduate program in urban affairs either through previous academic performance or through performance in relevant life situations. Applicants' experience in urban policy or administration or in community service jobs or activities will be evaluated along with the academic record in the admissions decision. Inquiries should be addressed to: Graduate Admissions Committee, Department of Urban Studies.

Additional Comments:

#### Major Requirements - Overall

Type  
Completion Requirement

Earn at least 30 credits

Additional Comments:

#### Major Requirements - Required Courses

Type  
Completion Requirement

Fulfill ALL of the following requirements:

Program Requirements

Complete ALL of the following Courses:

- URBST 705 - The Just City in Theory and Practice

AND

Governance/Policy Courses

Complete at least 2 of the following courses:

- URBST 706 - Non-Profits in the 21st Century Metropolis
- URBST 718 - Governing the City
- URBST 724 - Public Policy in Practice

AND

Methods Courses

Complete at least 1 of the following courses:

- URBST 725 - Urban Research Methods
- OR URBST 732 - Researching New York City
- OR URBST 751 - Critical Perspectives on Urban Research

Additional Comments:

#### Major Requirements - Electives

Type  
Completion Requirement

Earn at least 18 credits from the following:

- Urban Affairs Electives

Students are free to choose from among any of the department's MA-level nonrequired courses.

Additional Comments:

**Major Requirements - Final Project****Type**

Completion Requirement

Students must complete a final project based on original, community or

studio research and presented in the form of a report or paper, or as a video, art, or web exhibition.

**Additional Comments:**

## All Courses

### ACCT 600 - Financial Accounting Theory and Practice: Part 1

#### Overview

**Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

600

**Course Title**

Financial Accounting Theory and Practice: Part 1

**Department(s)**

Accounting &amp; Information Systems

**Description**

Permission of Advisor. First required course for students having an undergraduate degree in other than accounting, wishing to enter the MS in Accounting Program at Queens College. This course provides the fundamental understanding of the language of business as expressed in financial reports. It continues into an intensive study of the theories of financial accounting, generally accepted accounting principles, and relevant opinions and statements of the American Institute of Certified Public Accountants, Financial Accounting Standards Board, and the Securities and Exchange Commission.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

#### Credits

**Minimum Units**

4

**Maximum Units**

4

### ACCT 601 - Financial Accounting Theory and Practice: Part 2

#### Overview

**Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

601

**Course Title**

Financial Accounting Theory and Practice: Part 2

**Department(s)**

Accounting &amp; Information Systems

**Description**

Second required course for students having an undergraduate degree in other than accounting, wishing to enter the MS in Accounting Program at Queens College. This course continues the intensive study of the theories of financial accounting, generally accepted accounting principles, and relevant opinions and statements of the American Institute of Certified Public Accountants, Financial Accounting Standards Board, and the Securities and Exchange Commission. It also involves mathematical principles and applications thereof to accounting.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

#### Credits

**Minimum Units**

4

**Maximum Units**

4

### ACCT 602 - Financial Accounting Theory and Practice: Part 3

#### Overview

**Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

602

**Course Title**

Financial Accounting Theory and Practice: Part 3

**Department(s)**

Accounting &amp; Information Systems

**Description**

Theory of accounting applicable to problems peculiar to large-scale business operations, including the problems of accounting for mergers, insolvencies, branch operations, liquidations, and the preparation of consolidated financial reports. Relevant opinions of the American Institute of Certified Public Accountants, Financial Accounting Standards Board, and the Securities and Exchange Commission.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**ACCT 603 - Concepts of Managerial Accounting****Overview**Academic Institution  
QNS01Subject area  
ACCTCatalog Number  
603Course Title  
Concepts of Managerial AccountingDepartment(s)  
Accounting & Information Systems

**Description**  
The concepts and procedures used to account for the cost of manufacturing and selling, with their practical application in different types of cost accumulationsystems (e.g., job-order, standard, and process costing). The application of various techniques in managerial decision-making, inventory management, capitalbudgeting, and capital investment decisions.

Academic Career  
GraduateLiberal Arts  
NoPermission Type  
No Special Consent Required**Credits**Minimum Units  
4Maximum Units  
4**ACCT 604 - Concepts of Auditing and Computer Auditing****Overview**Academic Institution  
QNS01Subject area  
ACCTCatalog Number  
604Course Title  
Concepts of Auditing and Computer AuditingDepartment(s)  
Accounting & Information Systems

**Description**  
Auditing and other forms of assurance services applicable to the accounting profession. Auditing procedures, including applications to computerizedsystems; test of internal controls and substantive audit procedures performed by CPAs. Introduction to statistical sampling applicable to audit engagements. Review of relevant pronouncements of American Institute of Certified Public Accountants, Securities and Exchange Commission, and Public AccountingOversight Board as well as ethical standards expected of CPAs.

Academic Career  
GraduateLiberal Arts  
NoPermission Type  
No Special Consent Required**Credits**Minimum Units  
4Maximum Units  
4**ACCT 605 - Introduction to Business Law****Overview**Academic Institution  
QNS01Subject area  
ACCTCatalog Number  
605Course Title  
Introduction to Business LawDepartment(s)  
Accounting & Information Systems

**Description**  
Introduction to key concepts of business law, including contracts, agency, forms of business organization, personal and real property, and employment and elder law. The basic structure through which law is implemented and enforced is reviewed.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
4Maximum Units  
4**ACCT 606 - Federal and New York State Taxes on Income****Overview**Academic Institution  
QNS01Subject area  
ACCTCatalog Number  
606Course Title  
Federal and New York State Taxes on IncomeDepartment(s)  
Accounting & Information Systems

**Description**

An introduction to the federal and state income taxes as they relate to individuals. This accelerated course will emphasize the basic multitiered tax structure. Inclusion, exclusion, and deduction are defined, utilizing the Internal Revenue Code and related material. Special classes of taxpayers (including partnerships and corporations) are considered as well as accounting and procedural rules.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
4	4

**ACCT 701 - Risk Management**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	701

**Course Title**  
Risk Management

**Department(s)**  
Accounting & Information Systems

**Description**  
THE IMPORTANCE OF THE RISK MGMT FUNCTION.GROUP-STUDY INTENSIVE.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Instructor Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 702 - Acct For Risk Mgmt**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	702

**Course Title**  
Acct For Risk Mgmt

**Department(s)**  
Accounting & Information Systems

**Description**  
FOR THOSE IN RISK MGMT (MS) PROGRAM.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 703 - Risk Management-Investment & Market Risk**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	703

**Course Title**  
Risk Management-Investment & Market Risk

**Department(s)**  
Accounting & Information Systems

**Description**  
Analysis of Investment & Market Risk

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 704 - Risk Measurement**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	704

**Course Title**  
Risk Measurement

**Department(s)**  
Accounting & Information Systems

**Description**  
RISK MEASUREMENT

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 705 - Risk Trans To Fin Mkts**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	705

**Course Title**  
Risk Trans To Fin Mkts

**Department(s)**  
Accounting & Information Systems

**Description**  
RISK TRANSFER TO FINANCIAL MARKETS.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 706 - Risk Mgmt 706**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	706

**Course Title**  
Risk Mgmt 706

**Department(s)**  
Accounting & Information Systems

**Description**  
Examines risk transfer to insurance markets.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 707 - Contemporary issues in Management Accounting**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	707

**Course Title**  
Contemporary issues in Management Accounting

**Department(s)**  
Accounting & Information Systems

**Description**  
The purpose of this course is to build upon the basic concepts of management accounting introduced in ACCT 305/306. The most current theories and practices that comprise ACCT 707 have been developed over the past decade in response to rapid changes in the external and internal environment that business organizations face. Accounting 707 will examine in depth the most recent management accounting literature with respect to: (1) information that managers need for decision making, and (2) the role of the management accountant in the accumulation, analysis, and use of that information.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 710 - Fixed Income Inst**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	710

**Course Title**  
Fixed Income Inst

**Department(s)**

Accounting &amp; Information Systems

**Description**

CONC ENCOUNTERED IN THE MARKET FOR FIXED INCOME SECURITIES.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ACCT 712 - Advanced Financial Accounting Theory

**Overview****Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

712

**Course Title**

Advanced Financial Accounting Theory

**Department(s)**

Accounting &amp; Information Systems

**Description**

The emphasis of this course is on the examination of current issues and research methodologies related to accounting theory in such areas as the objectives of financial statements, financial statement elements, asset-valuation concepts, income-determination models, and cutting-edge topics under scrutiny by the accounting profession. Students will analyze the literature in accounting theory relating to current pronouncements of the Financial Accounting Standards Board and prior pronouncements of the Accounting Principles Board and Committee on Accounting Procedure. A primary focus will be the application and influence of accounting theory on the development of current Generally Accepted Accounting Principles and corporate financial reporting.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ACCT 723 - Advanced Auditing Theory and Practice

**Overview****Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

723

**Course Title**

Advanced Auditing Theory and Practice

**Department(s)**

Accounting &amp; Information Systems

**Description**

This course focuses on the philosophical aspects of the professional accountant's relationship with clients and third parties. Accordingly, the Code of Professional Conduct issued by the American Institute of CPAs (AICPA) is examined in detail. The auditing pronouncements issued by the AICPA are analyzed in detail. Requirements of the Securities and Exchange Commission are also explored. Other areas scrutinized are compilation and review, attestation engagements, statistical sampling and auditing in an electronic data processing environment. The case method is used in solving problems of a more complex nature.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ACCT 747 - Tax and Accounting Communications

**Overview****Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

747

**Course Title**

Tax and Accounting Communications

**Department(s)**

Accounting &amp; Information Systems

**Description**

The examination, both verbally and non-verbally, of communications required in the business life of an accountant. The objectives of this course will be to enhance the ability to write, speak, and listen more effectively in the business environment. Topics covered will be writing a resume and a job application for an accounting position, writing instructions to staff for an audit, writing a letter to a client on the results of an audit, preparing an analysis of an annual report, communicating during an interview and a business meeting, listening skills, and preparing a financial presentation with multimedia aids.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ACCT 748 - Advanced Accounting Information Systems

**Overview****Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

748

**Course Title**

Advanced Accounting Information Systems

**Department(s)**

Accounting &amp; Information Systems

**Description**

Methods and techniques of using accounting as an information system. The design, analysis, installation, and evaluation of a system, either manual or computer-based, will be covered. Topics will include accounting systems theory, design theory, accounting file structure, implementation, maintenance, and evaluation of the system. General ledger software and database programs will be discussed and used in the classroom. The use of the Internet and expert systems as they relate to accounting information will be included

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ACCT 751 - Public Interest Law

**Overview****Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

751

**Course Title**

Public Interest Law

**Department(s)**

Accounting &amp; Information Systems

**Description**

This course seeks to examine the various aspects of Public Interest Law. It will study public institutions and the phenomenon of bureaucracy in order to gain some understanding of the public law system. Emphasis will focus on the relationship of the government and its citizens with respect to a variety of specific areas of concern. Topics will include: Administrative Law: Civil Rights and Civil Liberties, Law and Education, Immigration Law, Consumer Protection, Environmental Law, Poverty Law, Disability Rights, Children and the Law, and International Human Rights.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ACCT 752 - Advanced Studies in Business Law

**Overview****Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

752

**Course Title**

Advanced Studies in Business Law

**Department(s)**

Accounting &amp; Information Systems

**Description**

The course examines the Uniform Commercial Code, with particular emphasis on sales law, commercial paper, and the laws of secured transactions. Laws relating to bankruptcy, suretyship, as well as laws specifically applicable to accountants' professional responsibilities, including securities laws and corporate governance, will also be examined

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3



## ACCT 757 - Federal Taxation of Business Entities

### Overview

#### Academic Institution

QNS01

#### Subject area

ACCT

#### Catalog Number

757

#### Course Title

Federal Taxation of Business Entities

#### Department(s)

Accounting &amp; Information Systems

#### Description

This course focuses on the taxation of the primary forms of business entities: sole proprietorship, corporations, including S corporations, and partnerships, including limited liability companies (LLCs). The decision process necessary to select a particular type of business entity as well as the tax advantages and disadvantages inherent in the operations, liquidation, and termination of these entities will be stressed. Emphasis is placed on tax planning, problem solving, and research.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ACCT 758 - State and Local Taxation, and Tax-Exempt Entity

### Overview

#### Academic Institution

QNS01

#### Subject area

ACCT

#### Catalog Number

758

#### Course Title

State and Local Taxation, and Tax-Exempt Entity

#### Department(s)

Accounting &amp; Information Systems

#### Description

This course examines the law of state and local taxation with a particular emphasis on the Tax Laws of the State of New York. Income, Corporate Franchise, Inheritance, and Sales Taxes are studied where appropriate, distinguished from the rules of Federal Taxation that apply (including Tax-exempt entity). Both Substantive and Procedural rules are studied. Problems of multi-state residence and taxation, related constitutional issues, and conflict of laws are studied. The course addresses ongoing compliance issues as well as tax dispute resolution mechanisms such as making and pleading disputes to the Tax Tribunal.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ACCT 759 - Estate, Gifts and Trust Taxation

### Overview

#### Academic Institution

QNS01

#### Subject area

ACCT

#### Catalog Number

759

#### Course Title

Estate, Gifts and Trust Taxation

#### Department(s)

Accounting &amp; Information Systems

#### Description

This course focuses on the rules and regulations governing Estate, Gifts and Trust Taxation and the administration of estates. Topics covered include the rules and regulations governing gifts and bequests, both from the standpoint of tax compliance and tax planning. The administrative rules governing probate administration are covered, as is the role of the accountant in the administrative process.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ACCT 760 - IRS Ethical Tax Practice, Procedures and Research Methods

### Overview

#### Academic Institution

QNS01

#### Subject area

ACCT

#### Catalog Number

760

#### Course Title

IRS Ethical Tax Practice, Procedures and Research Methods

#### Department(s)

Accounting &amp; Information Systems

#### Description

Open to students who have completed an undergraduate degree in accounting or who have completed the graduate core coursework for the MS in Accounting or the MS in Risk Management Accounting/ CPA concentration, or permission of the department. The focus of this course is to provide students with a working

knowledge of federal tax procedure and practice. The course concentrates on the process and procedures of the federal tax system beginning with the filing of a return and includes the structure and authority of the IRS, voluntary compliance, enforcement, federal tax disputes and related issues. Students will learn to identify and analyze the procedural issues involved in a tax controversy in order to represent a client in a civil federal tax dispute from its inception through the administrative process (i.e., up through the commencement of litigation). This course will also cover the full range of tax research techniques/methods incorporating statutory interpretation and legislative history, administrative interpretation including regulations, published rulings and letter rulings (involving an analysis of the relative weight accorded to each), judicial authority (including use of citators and other means to check current status of decisional law) and computerized legal research. Proper drafting of technical memos and opinion letters will be presented and problems and research projects will be assigned for work outside of class.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ACCT 761 - Taxation of Partnership and S Corporation

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ACCT	761

**Course Title**  
Taxation of Partnership and S Corporation

**Department(s)**  
Accounting & Information Systems

### Description

Open to students who have completed an undergraduate degree in accounting or who have completed the graduate core coursework for the MS in Accounting or the MS in Risk Management Accounting/ CPA concentration, or permission of the department. This course gives special attention to all aspects of partnership taxation. Subjects include partnership formation and liquidation, special allocations, basis adjustments for operating items, and deductions, losses, and credits to partners. Research into difficult partnership issues is also stressed. It will then cover: analysis of tax considerations in acquiring real property as an investment, choice of business entity, corporate ownership of real property, depreciation methods and issues, passive activity losses and credits affecting real estate, alternative minimum tax, uniform capitalization rules, installment sales and repossession, like-kind exchanges and involuntary conversions, leases, rehabilitation and low-income housing credits, qualified residence interest, vacation homes, home office deductions, and homeowners associations. Tax treatment of REITS and REMICS will be discussed as well. This course will also examine the following: What is and why elect to be an S corporation? Electing and maintaining S corporation status, S corporation requirements, advantages and disadvantages of S corporations, shareholder taxation, distributions, basis

adjustments, terminating S corporation status, self-employment and payroll taxes for S corporation shareholders, among a host of other relevant S corporation topics.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ACCT 762 - Deferred Compensation & Employee Benefits

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ACCT	762

**Course Title**  
Deferred Compensation & Employee Benefits

**Department(s)**  
Accounting & Information Systems

### Description

Open to students who have completed an undergraduate degree in accounting or who have completed the graduate core coursework for the MS in Accounting or the MS in Risk Management Accounting/ CPA concentration, or permission of the department. This course provides an introduction of retirement plans and employee benefits at the graduate level of study. The emphasis is on the decision-making process of the individual. After a thorough review of retirement funding, this course discusses qualified pension plans, profit sharing plans and stock bonus plans as well as distributions from and administration of these plans. Other topics include IRAs, SEPs, 401(k), 403(b), and 457 Plans, Social Security, Deferred Compensation and Nonqualified Plans. Employee benefits are explored in two key areas, fringe and group benefits. Covers defined benefit, defined contribution, and welfare benefit plans; equity awards granted by corporations as well as equity awards granted by LLCs and partnerships; nonqualified deferred compensation and Section 409A of the IRC; golden parachutes and Sections 280G and 4999 of the IRC.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3



**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 773 - Government and Nor-For-Profit Accounting and Auditing****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	773

**Course Title**  
Government and Nor-For-Profit Accounting and Auditing

**Department(s)**  
Accounting & Information Systems

**Description**

The course focuses on accounting, financial reporting, and auditing relevant to governmental and not-for-profit entities. Financial information that is required internally by public officials and governmental and not-for-profit managers is discussed. The financial reporting standards covered are those of the Government Accounting Standards Board (GASB) and the Financial Accounting Standards Board (FASB). Auditing standards set out in the "Yellow Book" issued by the General Accounting Office (GAO) and by the Office of Management and Budget (OMB) circulars of the Federal Office of Management and Budget are discussed. The "single audit" approach is covered. The foundation of accounting and reporting for governmental entities is developed in terms of public goods theories of governmental activities.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 785 - Data Analytics for Accountants****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	785

**Course Title**  
Data Analytics for Accountants

**Department(s)**  
Accounting & Information Systems

**Description**

This course utilizes various data analytic tools (Excel, IDEA, "R," Python, Tableau, XBRL) used by accountants and CPAs in auditing, taxation, consulting services, industry and government and not for profit firms. Case studies emphasize hands-on learning both individually and working in teams. Assignments will develop the data analytic skills valued by employers.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 790 - Appl Dyn Fin Analysis****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	790

**Course Title**  
Appl Dyn Fin Analysis

**Department(s)**  
Accounting & Information Systems

**Description**  
CAPSTONE COURSE FOR RM PROG

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ACCT 791 - Appl Fin Dyn Analy Model****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ACCT	791

**Course Title**  
Appl Fin Dyn Analy Model

**Department(s)**  
Accounting & Information Systems

**Description**

DFA MODELS

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ACCT 7911 - Special Problems in Accounting

**Overview**

**Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

7911

**Course Title**

Special Problems in Accounting

**Department(s)**

Accounting & Information Systems

**Description**

Prerequisite: Permission of the Department. Open to students of advanced standing who receive permission of the department to register. Recommended for students of high academic standing who want to undertake some special research topic related to accounting.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## ACCT 7912 - Special Problems in Accounting

**Overview**

**Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

7912

**Course Title**

Special Problems in Accounting

**Department(s)**

Accounting & Information Systems

**Description**

Prerequisite: Permission of the Department. Open to students of advanced standing who receive permission of the department to register. Recommended for students of high academic standing who want to undertake some special research topic related to accounting.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## ACCT 7913 - Special Problems in Accounting

**Overview**

**Academic Institution**

QNS01

**Subject area**

ACCT

**Catalog Number**

7913

**Course Title**

Special Problems in Accounting

**Department(s)**

Accounting & Information Systems

**Description**

Prerequisite: Permission of the Department. Open to students of advanced standing who receive permission of the department to register. Recommended for students of high academic standing who want to undertake some special research topic related to accounting.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 501 - The Language Of Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

501

**Course Title**

The Language Of Art

**Department(s)**

Art

**Description**

A survey of the principal categories of visual experience, the conceptual terms for describing it, and the criteria used to analyze and evaluate the arts. Includes an exercise in designing classroom applications of aesthetic theory, history, and/or criticism.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ARTH 502 - Vt: Topics in Ancient Art****Overview****Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

502

**Course Title**

Vt: Topics in Ancient Art

**Department(s)**

Art

**Description**

Two semesters of art history. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ARTH 503 - Vt: Medievalart****Overview****Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

503

**Course Title**

Vt: Medievalart

**Department(s)**

Art

**Description**

See department for description.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ARTH 504 - Vt: Renaissance & Baroque Art****Overview****Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

504

**Course Title**

Vt: Renaissance &amp; Baroque Art

**Department(s)**

Art

**Description**

See department for description.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ARTH 505 - Variable Topics: Modern Art****Overview****Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

505

**Course Title**

Variable Topics: Modern Art

**Department(s)**

Art

**Description**

See department for description.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 506 - Vt: Art Of The U.S.

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

506

**Course Title**

Vt: Art Of The U.S.

**Department(s)**

Art

**Description**

See department for description.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 507 - Vt: Asian Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

507

**Course Title**

Vt: Asian Art

**Department(s)**

Art

**Description**

See department for description.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 508 - Vt: Art Of Americas

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

508

**Course Title**

Vt: Art Of Americas

**Department(s)**

Art

**Description**

See department for description.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 556 - Indp Stdy: Art Hist

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

556

**Course Title**

Indp Stdy: Art Hist

**Department(s)**

Art

**Description**

Work in some particular area of research for candidates for the Master of Science in Education and Master of Fine Arts degrees.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 700 - Museum Studies

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

700

**Course Title**

Museum Studies

**Department(s)**

Art

**Description**

The course will acquaint students with museum work by providing supervised participation in the functioning of the Godwin-Ternbach Museum. Students will engage in such museum activities as the preparation of exhibitions and care of the collection. Practical experience will be supplemented by lectures.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 701 - Topics in the History of Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

701

**Course Title**

Topics in the History of Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 702 - Seminar in the History of Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

702

**Course Title**

Seminar in the History of Art

**Department(s)**

Art

**Description**

Matriculation for the MA in Art History or permission of instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 740 - Art History Methods Colloquium

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

740

**Course Title**

Art History Methods Colloquium

**Department(s)**

Art

**Description**

Permission of the instructor. The basic problems and techniques of art historical scholarship, stylistic and iconographic analysis, sources, and documentation.



**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7411 - Ancient Painting

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7411

**Course Title**

Ancient Painting

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. Greek and Roman paintings and mosaics, with emphasis on Roman wall decoration, its origins and originality.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7412 - Greek Sculpture

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7412

**Course Title**

Greek Sculpture

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. The leading masters and centers: Athens, Olympia, Delphi, Pergamon.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7414 - Studies in Ancient Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7414

**Course Title**

Studies in Ancient Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7421 - Late Antique and Early Medieval Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7421

**Course Title**

Late Antique and Early Medieval Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7422 - Gothic Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7422

**Course Title**

Gothic Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. Stylistic evolution in architecture, sculpture, the minor arts, or painting.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7423 - Studies in Medieval Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7423

**Course Title**

Studies in Medieval Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7432 - Art of the High Renaissance in Italy

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7432

**Course Title**

Art of the High Renaissance in Italy

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7433 - Renaissance and Baroque Architecture

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7433

**Course Title**

Renaissance and Baroque Architecture

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. Development of the classical tradition from 1400 to 1800 and its spread across the globe.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units  
3

Maximum Units  
3

**ARTH 7434 - Early Netherlandish Painting**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7434

**Course Title**

Early Netherlandish Painting

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units  
3

Maximum Units  
3

**ARTH 7435 - Studies in Renaissance Art**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7435

**Course Title**

Studies in Renaissance Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units  
3

Maximum Units  
3

**ARTH 7441 - Dutch Painting in the Seventeenth Century**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7441

**Course Title**

Dutch Painting in the Seventeenth Century

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units  
3

Maximum Units  
3

**ARTH 7442 - Italian Painting in the Seventeenth Century**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7442

**Course Title**

Italian Painting in the Seventeenth Century

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. Antimannerist reform, the Carracci, Caravaggio, and the impact of their styles on later generations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**Course Title**

Impressionism and Post-Impressionism

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7443 - Studies in Baroque Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7443

**Course Title**

Studies in Baroque Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7453 - Modern Architecture

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7453

**Course Title**

Modern Architecture

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7451 - Impressionism and Post-Impressionism

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7451

## ARTH 7454 - Art of the United States from the Colonial Era to 1900

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7454

**Course Title**

Art of the United States from the Colonial Era to 1900

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7456 - Studies in 18th-Century Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7456

**Course Title**

Studies in 18th-Century Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7457 - Studies in Modern Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7457

**Course Title**

Studies in Modern Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7458 - Studies in Contemporary Art

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7458

**Course Title**

Studies in Contemporary Art

**Department(s)**

Art

**Description**

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTH 7459 - Studies in the Art of the United States

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTH

**Catalog Number**

7459

**Course Title**  
 Studies in the Art of the United States

**Department(s)**  
 Art

**Description**  
 Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**  
 Graduate

**Liberal Arts**  
 Yes

**Permission Type**  
 No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7471 - Studies In Asian Art**

**Overview**

**Academic Institution**  
 QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7471

**Course Title**  
 Studies In Asian Art

**Department(s)**  
 Art

**Description**  
 Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**  
 Graduate

**Liberal Arts**  
 Yes

**Permission Type**  
 No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7472 - Studies in Chinese Art and Architecture**

**Overview**

**Academic Institution**  
 QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7472

**Course Title**  
 Studies in Chinese Art and Architecture

**Department(s)**  
 Art

**Description**  
 Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**  
 Graduate

**Liberal Arts**  
 Yes

**Permission Type**  
 No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7473 - Studies in Japanese Art**

**Overview**

**Academic Institution**  
 QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7473

**Course Title**  
 Studies in Japanese Art

**Department(s)**  
 Art

**Description**  
 Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**  
 Graduate

**Liberal Arts**  
 Yes

**Permission Type**  
 No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7474 - Studies in Indian Art**

**Overview**

**Academic Institution**  
 QNS01

**Subject area**  
ARTH

**Catalog Number**  
7474

**Course Title**  
Studies in Indian Art

**Department(s)**  
Art

**Description**  
Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7481 - Studies in Mesoamerican Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7481

**Course Title**  
Studies in Mesoamerican Art

**Department(s)**  
Art

**Description**  
Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7482 - Studies in Andean Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7482

**Course Title**  
Studies in Andean Art

**Department(s)**  
Art

**Description**  
Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7511 - Seminar in Ancient Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7511

**Course Title**  
Seminar in Ancient Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7513 - Seminar in Ancient Art**

**Overview**

**Academic Institution**  
QNS01

**Subject area**  
ARTH

**Catalog Number**  
7513

**Course Title**  
Seminar in Ancient Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7521 - Seminar in Medieval Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7521

**Course Title**  
Seminar in Medieval Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7522 - Seminar in Medieval Art**

**Overview**

**Academic Institution**  
QNS01

**Subject area**  
ARTH

**Catalog Number**  
7522

**Course Title**  
Seminar in Medieval Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7523 - Seminar in Medieval Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7523

**Course Title**  
Seminar in Medieval Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7531 - Seminar in Renaissance Art**

**Overview**

**Academic Institution**  
QNS01



<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7531
<b>Course Title</b>	
Seminar in Renaissance Art	
<b>Department(s)</b>	
Art	
<b>Description</b>	
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.	
<b>Academic Career</b>	
Graduate	
<b>Liberal Arts</b>	
Yes	
<b>Permission Type</b>	
No Special Consent Required	

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7532 - Seminar in Renaissance Art****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7532

**Course Title**  
Seminar in Renaissance Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7533 - Seminar in Renaissance Art****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7533
<b>Course Title</b>	
Seminar in Renaissance Art	
<b>Department(s)</b>	
Art	
<b>Description</b>	
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.	
<b>Academic Career</b>	
Graduate	
<b>Liberal Arts</b>	
Yes	
<b>Permission Type</b>	
No Special Consent Required	

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7534 - Seminar in Renaissance Art****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7534

**Course Title**  
Seminar in Renaissance Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7541 - Seminar in Baroque Art****Overview**

**Academic Institution**  
QNS01

**Subject area**  
ARTH

**Catalog Number**  
7541

**Course Title**  
Seminar in Baroque Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7548 - Seminar in Baroque Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7548

**Course Title**  
Seminar in Baroque Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7552 - Seminar in Modern Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7552

**Course Title**  
Seminar in Modern Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7553 - Seminar in Modern Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7553

**Course Title**  
Seminar in Modern Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7554 - Seminar in Modern Art**

**Overview**

**Academic Institution**  
QNS01

**Subject area**  
ARTH

**Catalog Number**  
7554

**Course Title**  
Seminar in Modern Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7554 - Seminar in Modern Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7554

**Course Title**  
Seminar in Modern Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7555 - Seminar in Modern Art**

**Overview**

**Academic Institution**  
QNS01

**Subject area**  
ARTH

**Catalog Number**  
7555

**Course Title**  
Seminar in Modern Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**ARTH 7556 - Seminar in Contemporary Art**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7556

**Course Title**  
Seminar in Contemporary Art

**Department(s)**  
Art

**Description**  
Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## ARTH 7557 - Seminar in Art of the United States

### Overview

#### Academic Institution

QNS01

#### Subject area

ARTH

#### Catalog Number

7557

#### Course Title

Seminar in Art of the United States

#### Department(s)

Art

#### Description

Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ARTH 7558 - Seminar in Photography

### Overview

#### Academic Institution

QNS01

#### Subject area

ARTH

#### Catalog Number

7558

#### Course Title

Seminar in Photography

#### Department(s)

Art

#### Description

Permission of the instructor. The particular area to be studied may vary and will be announced prior to each offering. May be repeated for credit when the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ARTH 7571 - Seminar in Asian Art

### Overview

#### Academic Institution

QNS01

#### Subject area

ARTH

#### Catalog Number

7571

#### Course Title

Seminar in Asian Art

#### Department(s)

Art

#### Description

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ARTH 7573 - Seminar in Chinese Painting

### Overview

#### Academic Institution

QNS01

#### Subject area

ARTH

#### Catalog Number

7573

#### Course Title

Seminar in Chinese Painting

#### Department(s)

Art

#### Description

Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ARTH 7574 - Seminar in Contemporary Chinese Art

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7574

Course Title  
Seminar in Contemporary Chinese Art

Department(s)  
Art

Description  
Matriculation for the MA in art history or permission of the instructor. The topic may vary and will be announced each time the course is given. May be repeated for credit when the topic is different.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7601 - Special Problems in Ancient Art

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7601

Course Title  
Special Problems in Ancient Art

Department(s)  
Art

Description  
Work in some particular area of research for advanced candidates in Art History. Approval of the department's graduate committee is required. A student may take only one course at this level.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7602 - Special Problems in Medieval Art

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7602

Course Title  
Special Problems in Medieval Art

Department(s)  
Art

Description  
Work in some particular area of research for advanced candidates in Art History. Approval of the department's graduate committee is required. A student may take only one course at this level.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7603 - Special Problems in Renaissance Art

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7603

Course Title  
Special Problems in Renaissance Art

Department(s)  
Art

Description  
Work in some particular area of research for advanced candidates in Art History. Approval of the department's graduate committee is required. A student may take only one course at this level.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7604 - Special Problems in Baroque Art

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7604

Course Title  
Special Problems in Baroque Art

Department(s)  
Art

Description  
Work in some particular area of research for advanced candidates in Art History. Approval of the department's graduate committee is required. A student may take only one course at this level.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7605 - Special Problems in Modern Art

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7605

Course Title  
Special Problems in Modern Art

Department(s)  
Art

Description  
Work in some particular area of research for advanced candidates in Art History. Approval of the department's graduate committee is required. A student may take only one course at this level.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7606 - Special Problems in American Art

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7606

Course Title  
Special Problems in American Art

Department(s)  
Art

Description  
Work in some particular area of research for advanced candidates in Art History. Approval of the department's graduate committee is required. A student may take only one course at this level.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7607 - Special Problems in Photography

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7607

Course Title  
Special Problems in Photography

Department(s)  
Art

Description  
Work in some particular area of research for advanced candidates in Art History. Approval of the department's graduate committee is required. A student may take only one course at this level.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7608 - Special Problems in Asian Art

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7608

Course Title  
Special Problems in Asian Art

Department(s)  
Art

Description  
Work in some particular area of research for advanced candidates in Art History. Approval of the department's graduate committee is required. A student may take only one course at this level.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7609 - Special Problems in Art of the Americas

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7609

Course Title  
Special Problems in Art of the Americas

Department(s)  
Art

Description  
Work in some particular area of research for advanced candidates in Art History. Approval of the department's graduate committee is required. A student may take only one course at this level.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 770 - The Major Artist

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	770

Course Title  
The Major Artist

Department(s)  
Art

Description  
Matriculation for the MA in Art History or permission of instructor. The artist to be studied will be announced each time the course is given. May be repeated for credit when the topic is different.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTH 7701 - Internship in Art History

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ARTH	7701

Course Title  
Internship in Art History

Department(s)  
Art

Description  
An independent course in which a student works for a defined period of time on a weekly basis as an intern in a public or private institution or agency related to or concerned with the study, preservation, and presentation of art and architecture. The course permits the student to develop and undertake research related to the specific requirements and duties of the internship while under the supervision of both the on-site internship supervisor and an art department faculty member sponsor. Evaluation of the student will be based on a report from the internship supervisor on the student's work and a research project submitted by the student to the faculty member sponsor.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
1	1

## ARTH 7702 - Internship in Art History

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7702

**Course Title**  
Internship in Art History

**Department(s)**  
Art

**Description**  
An independent course in which a student works for a defined period of time on a weekly basis as an intern in a public or private institution or agency related to or concerned with the study, preservation, and presentation of art and architecture. The course permits the student to develop and undertake research related to the specific requirements and duties of the internship while under the supervision of both the on-site internship supervisor and an art department faculty member sponsor. Evaluation of the student will be based on a report from the internship supervisor on the student's work and a research project submitted by the student to the faculty member sponsor.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
2	2

## ARTH 7703 - Internship in Art History

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	7703

**Course Title**  
Internship in Art History

**Department(s)**  
Art

**Description**  
An independent course in which a student works for a defined period of time on a weekly basis as an intern in a public or private institution or agency related to or concerned with the study, preservation, and presentation of art and architecture. The course permits the student to develop and undertake research related to the specific requirements and duties of the internship while under the supervision of both the on-site internship supervisor and an art department faculty member

sponsor. Evaluation of the student will be based on a report from the internship supervisor on the student's work and a research project submitted by the student to the faculty member sponsor.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## ARTH 790 - Thesis

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTH	790

**Course Title**  
Thesis

**Department(s)**  
Art

**Description**  
Approval of a thesis advisor and the department's graduate committee. Supervised thesis writing.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## ARTS 603 - Advanced Design Studio

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ARTS	603

**Course Title**  
Advanced Design Studio

**Department(s)**  
Art





**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTS 611 - Graphic Design I and II

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

611

**Course Title**

Graphic Design I and II

**Department(s)**

Art

**Description**

May be repeated for credit if project is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTS 612 - Advanced Sculpture Studio

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

612

**Course Title**

Advanced Sculpture Studio

**Department(s)**

Art

**Description**

May be repeated for credit if project is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTS 6203 - Special Projects in Design

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

6203

**Course Title**

Special Projects in Design

**Department(s)**

Art

**Description**

May be repeated for credit if the project is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ARTS 6213 - Special Projects in Fine Arts

**Overview**

**Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

6213

**Course Title**

Special Projects in Fine Arts

**Department(s)**

Art

**Description**

May be repeated for credit if the project is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ARTS 713 - Computer Imaging****Overview**Academic Institution  
QNS01Subject area  
ARTSCatalog Number  
713Course Title  
Computer ImagingDepartment(s)  
Art**Description**

An introduction to basic concepts of computer graphics in the context of the full range of visual media traditions, with contemporary applications in the fine and applied arts. Individual projects will further define different areas inherent in the newer media.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**ARTS 7211 - Painting and/or Mixed Media I****Overview**Academic Institution  
QNS01Subject area  
ARTSCatalog Number  
7211Course Title  
Painting and/or Mixed Media IDepartment(s)  
Art**Description**

Matriculation in the MFA program and completion of appropriate prior courses. In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester, either ARTS 721.4 or 722.4, shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
6Maximum Units  
6**ARTS 7212 - Painting and/or Mixed Media II****Overview**Academic Institution  
QNS01Subject area  
ARTSCatalog Number  
7212Course Title  
Painting and/or Mixed Media IIDepartment(s)  
Art**Description**

Matriculation in the MFA program and completion of appropriate prior courses. In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester, either ARTS 721.4 or 722.4, shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
6Maximum Units  
6**ARTS 7213 - Painting and/or Mixed Media III****Overview**Academic Institution  
QNS01Subject area  
ARTSCatalog Number  
7213Course Title  
Painting and/or Mixed Media IIIDepartment(s)  
Art

**Description**

Matriculation in the MFA program and completion of appropriate prior courses. In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester, either ARTS 721.4 or 722.4, shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## ARTS 7214 - Painting and/or Mixed Media IV

**Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

7214

**Course Title**

Painting and/or Mixed Media IV

**Department(s)**

Art

**Description**

Matriculation in the MFA program and completion of appropriate prior courses. In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester, either ARTS 721.4 or 722.4, shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## ARTS 7221 - Sculpture and Installation I

**Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

7221

**Course Title**

Sculpture and Installation I

**Department(s)**

Art

**Description**

Matriculation in the MFA program and completion of appropriate prior courses. In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester, either ARTS 721.4 or 722.4, shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## ARTS 7222 - Sculpture and Installation II

**Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

7222

**Course Title**

Sculpture and Installation II

**Department(s)**

Art

**Description**

Matriculation in the MFA program and completion of appropriate prior courses. In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester, either ARTS 721.4 or 722.4, shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## ARTS 7223 - Sculpture and Installation III

### Overview

#### Academic Institution

QNS01

#### Subject area

ARTS

#### Catalog Number

7223

#### Course Title

Sculpture and Installation III

#### Department(s)

Art

#### Description

Matriculation in the MFA program and completion of appropriate prior courses. In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester, either ARTS 721.4 or 722.4, shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

6

#### Maximum Units

6

## ARTS 7224 - Sculpture and Installation IV

### Overview

#### Academic Institution

QNS01

#### Subject area

ARTS

#### Catalog Number

7224

#### Course Title

Sculpture and Installation IV

#### Department(s)

Art

#### Description

Matriculation in the MFA program and completion of appropriate prior courses. In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester, either ARTS 721.4 or 722.4, shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

6

#### Maximum Units

6

## ARTS 723 - Master of Fine Arts Writing Seminar

### Overview

#### Academic Institution

QNS01

#### Subject area

ARTS

#### Catalog Number

723

#### Course Title

Master of Fine Arts Writing Seminar

#### Department(s)

Art

#### Description

This required seminar offers students a series of exercises focused on developing their artistic statement of purpose as well as the basic elements of the essay form, while preparing them for their graduating thesis.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ARTS 724 - Contemporary Issues in the Visual Arts

### Overview

#### Academic Institution

QNS01

#### Subject area

ARTS

#### Catalog Number

724

#### Course Title

Contemporary Issues in the Visual Arts

#### Department(s)

Art

#### Description

A course in the history of modern art and permission of the instructor. Limited to students matriculated in the MFA program. Diverse critical views on selected topical issues concerning contemporary art will be discussed. Students will further

**Academic Career**, describe, and discuss their own work and one another's work in relation to present day art practices and concerns. A paper on an approved topic will be presented by each participant.

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ARTS 7251 - MFA Graduate Seminar I****Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

7251

**Course Title**

MFA Graduate Seminar I

**Department(s)**

Art

**Description**

In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination. (Course is repeated over four semesters as: 725.1, 725.2, 725.3, 725.4.)

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ARTS 7252 - MFA Graduate Seminar II****Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

7252

**Course Title**

MFA Graduate Seminar II

**Department(s)**

Art

**Description**

In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination. (Course is repeated over four semesters as: 725.1, 725.2, 725.3, 725.4.)

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ARTS 7253 - MFA Graduate Seminar III****Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

7253

**Course Title**

MFA Graduate Seminar III

**Department(s)**

Art

**Description**

In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination. (Course is repeated over four semesters as: 725.1, 725.2, 725.3, 725.4.)

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ARTS 7254 - MFA Graduate Seminar IV****Overview****Academic Institution**

QNS01

**Subject area**  
ARTS

**Catalog Number**  
7254

**Course Title**  
MFA Graduate Seminar IV

**Department(s)**  
Art

**Description**  
In each of the course sequences the student will be assigned an instructor as advisor, with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester shall be submitted in the form of a self-selected one-person exhibition of the coursework for the MFA Committee, and open to the college community, in lieu of a comprehensive examination. (Course is repeated over four semesters as: 725.1, 725.2, 725.3, 725.4.)

**Academic Career**  
Graduate

**Liberal Arts**  
No

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTS 7271 - Printmaking

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ARTS

**Catalog Number**  
7271

**Course Title**  
Printmaking

**Department(s)**  
Art

**Description**  
Printmaking This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTS 7272 - Photography

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ARTS

**Catalog Number**  
7272

**Course Title**  
Photography

**Department(s)**  
Art

**Description**  
May be repeated for credit. This course is designed for graduate students who are interested in pursuing the study of photography, and to give them information which will allow them to use photography in conjunction with other mediums. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ARTS 728 - Sculpture Techniques

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ARTS

**Catalog Number**  
728

**Course Title**  
Sculpture Techniques

**Department(s)**  
Art

**Description**  
Individual and group projects in metal casting, including investment and chasing; advanced technical problems in plaster; techniques of construction and assemblage in metal, wood; ceramics in handbuilding, slip casting, mold making, wheel throwing, kiln firing, clay and glaze technology and plastics. May be repeated for credit. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ARTS 729 - Individual Criticism****Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

729

**Course Title**

Individual Criticism

**Department(s)**

Art

**Description**

Permission of the MFA Committee. The work will consist of a particular topic or focus established between the individual student and a faculty member. It will not consist of work undertaken in either ARTS 721.1, 721.2, 721.3, or 721.4, or ARTS 722.1, 722.2, 722.3, or 722.4. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ARTS 730 - Seminar in Problems of New Forms****Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

730

**Course Title**

Seminar in Problems of New Forms

**Department(s)**

Art

**Description**

Seminar in Problems of New Forms

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ARTS 731 - Seminar in Problems of Representation****Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

731

**Course Title**

Seminar in Problems of Representation

**Department(s)**

Art

**Description**

In each of these areas a particular topic will be announced for study each semester. Each seminar includes execution of an appropriate project, the study of historical and recent precedents, and studio problems as indicated. A research paper may be assigned. May be repeated for credit if the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ARTS 735 - VT: Advanced Problems in Studio****Overview****Academic Institution**

QNS01

**Subject area**

ARTS

**Catalog Number**

735

**Course Title**

VT: Advanced Problems in Studio

**Department(s)**

Art

**Description**

Advanced Problems in Studio is taught with a variety of approaches, ranging from traditional to conceptual, theoretical to experimental. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required



## Credits

Minimum Units  
3

Maximum Units  
3

## ARTS 777 - History and Theory of Social Art Practice

### Overview

Academic Institution  
QNS01

Subject area  
ARTS

Catalog Number  
777

Course Title  
History and Theory of Social Art Practice

Department(s)  
Art

### Description

The aim of this seminar is to survey, critique and historicize the theory and practice of activist, interventionist, public, participatory and community based art that operates within and across fields such as performance, urban studies, environmental science and other socially engaged disciplines. The class will focus on such questions as: Why is it useful, even necessary, to understand the history and theory of social practice art? Where should we look to find the historical roots of social practice art? Are these within the history of art, or external to it, in the broader social sphere? In an increasingly privatized society how do we define and operate within a concept of the public sphere? And how are both mainstream and alternative type cultural institutions responding to the increasing interest in socially engaged art by emerging artists? Through lectures, readings, discussions, student presentations, group activities, guest speakers and off-site visits to galleries and museums we will seek to position socially engaged visual culture and the shifting role of the artist within an historical, ideological, and critical framework.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## ARTS 778 - Seminar in Project Management

### Overview

Academic Institution  
QNS01

Subject area  
ARTS

Catalog Number  
778

Course Title  
Seminar in Project Management

Department(s)  
Art

### Description

The primary goal of this course is to offer students a step-by-step investigation into how to develop and successfully carry out a socially engaged, public art project. Its secondary aim is to critically compare and contrast traditional forms of organizing with experimental institutional forms. The class will cover such things as NGOs and 501(c)3 not-for-profit corporations, as well as cooperative alternative spaces, participatory public projects and informal inter-disciplinary art collectives and coalitions. This pragmatic and critical approach to contemporary administrative practices will be approached using a combination of select readings and class discussions, guest lectures presenting tutorials, and a practicum that draws together all phases of the seminar including concept development, budget preparation, grant writing, and networking focused on a specific, social practice project initiated by either individual students working alone or students collaborating in small groups.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
Instructor Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## BIOCH 710 - Advanced Biochemistry

### Overview

Academic Institution  
QNS01

Subject area  
BIOCH

Catalog Number  
710

Course Title  
Advanced Biochemistry

Department(s)  
Chemistry and Biochemistry

### Description

A one-semester course in biochemistry or equivalent, and physical chemistry. Biosynthesis, especially of macromolecules and complex cellular constituents such as membranes. Specialized topics of current interest. Spring

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## BIOCH 7111 - Biochem Lab Techniq

### Overview

**Academic Institution**

QNS01

**Subject area**

BIOCH

**Catalog Number**

7111

**Course Title**

Biochem Lab Techniq

**Department(s)**

Chemistry and Biochemistry

**Description**This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

4

**Maximum Units**

4

## BIOCH 7112 - Biochem Lab Techniq

### Overview

**Academic Institution**

QNS01

**Subject area**

BIOCH

**Catalog Number**

7112

**Course Title**

Biochem Lab Techniq

**Department(s)**

Chemistry and Biochemistry

**Description**This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

4

**Maximum Units**

4

## BIOCH 740 - Enzyme Function and Applications

### Overview

**Academic Institution**

QNS01

**Subject area**

BIOCH

**Catalog Number**

740

**Course Title**

Enzyme Function and Applications

**Department(s)**

Chemistry and Biochemistry

**Description**

A consideration of enzymatic function in the cell and of the several applications of enzymes in analytical and preparatory work.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## BIOCH 770 - Physical Biochemistry

### Overview

**Academic Institution**

QNS01

**Subject area**

BIOCH

**Catalog Number**

770

**Course Title**

Physical Biochemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

Structure and conformation of proteins, nucleic acids, and other biopolymers; physical techniques for study of macromolecules; behavior and properties of biopolymers. Among the topics to be discussed are the theories and applications of the following techniques: a) spectroscopic studies (absorption, fluorescence, magnetic resonance, infrared and Raman, circular dichroism, and optical rotary dispersion); b) size, shape, and molecular weight methods (sedimentation, dif-fusion, viscosity, osmometry, and light scattering); c) kinetics and equilibria; d) diffraction methods (Xray and neutron). Specific examples of the structures and functions of macromolecules will be examined.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**BIOCH 789 - Special Topics in Biochemistry****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
BIOCH	789

**Course Title**  
Special Topics in Biochemistry

**Department(s)**  
Chemistry and Biochemistry

**Description**  
Will cover topics of current interest in areas of critical importance to biochemistry.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**BIOCH 796 - Laboratory Techniques for Research in Biochemistry.****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
BIOCH	796

**Course Title**  
Laboratory Techniques for Research in Biochemistry.

**Department(s)**  
Chemistry and Biochemistry

**Description**  
Laboratory work dealing with the theories of modern experimental techniques and their applications to biochemical research; development of experimental rationale for biochemical research

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4	4

**BIOCH 810 - Bio Chem Seminar****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
BIOCH	810

**Course Title**  
Bio Chem Seminar

**Department(s)**  
Chemistry and Biochemistry

**Description**  
BIO CHEM SEMINAR

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
1	1

**BIOL 585 - Genetics****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
BIOL	585

**Course Title**  
Genetics

**Department(s)**  
Biology

**Description**  
Not open to students who have completed BIOL 285 except by permission of the chair. The inheritance, structure, and mode of genetic material. Designed for the Master of Science in Education candidates who are concentrating in science education. Cannot be used to fulfill requirements for the Master of Arts degree in Biology.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**BIOL 586 - Cell Biology****Overview**Academic Institution  
QNS01Subject area  
BIOLCatalog Number  
586Course Title  
Cell BiologyDepartment(s)  
Biology**Description**

Structure, function, and regulation of cells, including cell cycle, subcellular compartmentalization, signal transduction, and cell-cell interactions. Designed for the Master of Science in Education candidates who are concentrating in science education. Cannot be used to fulfill requirements for the Master of Arts degree in Biology

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**BIOL 587 - Evolutionary Biology****Overview**Academic Institution  
QNS01Subject area  
BIOLCatalog Number  
587Course Title  
Evolutionary BiologyDepartment(s)  
Biology**Description**

The mechanisms and processes of biological evolution. Designed for the Master of Science in Education candidates who are concentrating in science education. Cannot be used to fulfill requirements for the Master of Arts degree in Biology.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
4Maximum Units  
4**BIOL 610 - Lower Plants****Overview**Academic Institution  
QNS01Subject area  
BIOLCatalog Number  
610Course Title  
Lower PlantsDepartment(s)  
Biology**Description**

A survey of algae, bryophytes, and fungi of the northeastern United States, with an emphasis on identification, morphology, physiology, and ecology. A library or field research paper is required. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
4Maximum Units  
4**BIOL 611 - Mycology****Overview**Academic Institution  
QNS01Subject area  
BIOLCatalog Number  
611Course Title  
MycologyDepartment(s)  
Biology**Description**

A survey of the major taxa of fungi, including slime molds, with emphasis on their morphology and taxonomy. The importance of fungi as causal agents in diseases of man, other animals, and plants, as experimental tools of genetic, biochemical, and physiological research will be considered. Basic techniques of culturing fungi will be utilized in the execution of individual projects. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**BIOL 614 - Plant Systematics****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

614

**Course Title**

Plant Systematics

**Department(s)**

Biology

**Description**

Survey of the vascular plants with emphasis on flowering plants. Lectures will emphasize taxonomic characters useful in identification of major plant groups. Laboratories will be devoted to techniques of identification. Students will submit a plant collection and a library research paper. Field trips will occupy half days or full days; they will comprise a large part of the lab component. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**BIOL 621 - Entomology****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

621

**Course Title**

Entomology

**Department(s)**

Biology

**Description**

Anatomy, physiology, and ecology of insects. Identified insect collection required of each student. Students should expect to reside at a field station for at least one week of the course (dormitory fees will be announced and collected at time of registration). Summer Sessions I and II only. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Instructor Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**BIOL 626 - Vertebrate Phylogeny****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

626

**Course Title**

Vertebrate Phylogeny

**Department(s)**

Biology

**Description**

Phylogeny and interrelationships of the important major groups of the phylum Chordata, emphasizing the origins of higher categories and their adaptive radiation into sub-groups. Laboratory on representatives of fishes, amphibians, reptiles, birds, and mammals, emphasizing differences in locomotion, feeding mechanisms, and sense organs found within the same sub-classes, infra-classes, super-orders, and orders, with practice in the identification of typical specimens likely to be found in the field.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Instructor Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**BIOL 630 - Biometrics****Overview****Academic Institution**

QNS01

**Subject area**  
BIOL

**Catalog Number**  
630

**Course Title**  
Biometrics

**Department(s)**  
Biology

**Description**  
Probabilistic models in biology, field and laboratory sampling, tests of hypotheses; uses of statistics for estimation. Topics selected will include growth processes of organisms and populations, discriminant functions, and genetic descriptions of evolving populations. The laboratory includes computational procedures in evaluating biological data.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
4    4

## BIOL 640 - General Ecology

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
BIOL    640

**Course Title**  
General Ecology

**Department(s)**  
Biology

**Description**  
Theory and analysis of structure, growth, biological communities in terms of their structure, species abundance and diversity, interspecific interactions, and integration with the physical environment. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
4    4

## BIOL 644 - Biology and Society

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
BIOL    644

**Course Title**  
Biology and Society

**Department(s)**  
Biology

**Description**  
Critical analysis of selected subjects encompassing current biological research and related technological developments in context of their ethical, scientific, and economic impact on the human social systems

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## BIOL 645 - Evolution and Cultural Behavior

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
BIOL    645

**Course Title**  
Evolution and Cultural Behavior

**Department(s)**  
Biology

**Description**  
A lecture/ seminar course that examines several recent evolutionary theories associated with culture, i.e. behavioral ecology, evolutionary psychology, memetics, and biocultural coevolution. These theories are compared and assessed in seminars on current research, critiques, and application to human and animal cultures.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## BIOL 646 - Limnology

### Overview

#### Academic Institution

QNS01

#### Subject area

BIOL

#### Catalog Number

646

#### Course Title

Limnology

#### Department(s)

Biology

#### Description

Survey of the physical, chemical, and biological properties of streams, rivers, and lakes. A comparative analysis of inland waters. Students should expect to reside at a field station and/or the Audubon Center at Greenwich, CT. The site selected depends on scheduling and the availability of space. Three to five other field trips, including two all-day trips are planned. Students should expect to be involved full-time during the duration of this summer course. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

4

#### Maximum Units

4

## BIOL 666 - Immunology.

### Overview

#### Academic Institution

QNS01

#### Subject area

BIOL

#### Catalog Number

666

#### Course Title

Immunology.

#### Department(s)

Biology

#### Description

The components and mechanisms of action of the immune system. Topics include requirements for antigenicity, types of antibodies, humoral and cell-mediated responses including allergy, graft rejection, and autoimmune diseases.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## BIOL 668 - The Biology of Cancer

### Overview

#### Academic Institution

QNS01

#### Subject area

BIOL

#### Catalog Number

668

#### Course Title

The Biology of Cancer

#### Department(s)

Biology

#### Description

This course will describe the underlying mechanisms of tumorigenesis. Topics cover the genetic basis of cancer, cancer stem cells, tumor microenvironment, metabolism, angiogenesis, metastasis, and treatments, including cancer immunotherapies. Students are also required to write a comprehensive essay of one topic in cancer. Each student is expected to select a specific topic of their own interest, and validate it by the instructor before performing the assignment.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## BIOL 674 - Plant Physiology & Development

### Overview

#### Academic Institution

QNS01

#### Subject area

BIOL

#### Catalog Number

674

#### Course Title

Plant Physiology &amp; Development

#### Department(s)

Biology

#### Description

This course integrates major aspects of plant anatomy, physiology, biochemistry, cellular and molecular biology, and influences of the biotic and abiotic environment on growth and development at the intercellular, intracellular, organismal, and community levels. Prereq: Accelerated Master's students taking this course must have a Grade of C or better in Biology 286, Chem 114, or equivalents, or permission of instructor.

#### Academic Career

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

**BIOL 6803 - Vt:Fld Biol Studies**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

6803

**Course Title**

Vt:Fld Biol Studies

**Department(s)**

Biology

**Description**

A variable-content course encompassing field studies in the areas of botany, ecology, entomology, invertebrate and vertebrate zoology, and limnology. Usually offered summers only, with 3-6 credits, depending on the subjects included and the time involved. The focus of the course is the comparative study of habitats and their components. Format and destinations are variable, and costs reflect the mode of travel, destination, and type of accommodations. A term paper is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**BIOL 6804 - Vt:Fld Biol Studies**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

6804

**Course Title**

Vt:Fld Biol Studies

**Department(s)**

Biology

**Description**

A variable-content course encompassing field studies in the areas of botany, ecology, entomology, invertebrate and vertebrate zoology, and limnology. Usually offered summers only, with 3-6 credits, depending on the subjects included and the

time involved. The focus of the course is the comparative study of habitats and their components. Format and destinations are variable, and costs reflect the mode of travel, destination, and type of accommodations. A term paper is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

**BIOL 6805 - Vt:Fld Biol Studies**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

6805

**Course Title**

Vt:Fld Biol Studies

**Department(s)**

Biology

**Description**

A variable-content course encompassing field studies in the areas of botany, ecology, entomology, invertebrate and vertebrate zoology, and limnology. Usually offered summers only, with 3-6 credits, depending on the subjects included and the time involved. The focus of the course is the comparative study of habitats and their components. Format and destinations are variable, and costs reflect the mode of travel, destination, and type of accommodations. A term paper is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

5

**Maximum Units**

5

**BIOL 6806 - VT: Field Biology Studies**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

6806

**Course Title**

VT: Field Biology Studies



**Department(s)**

Biology

**Description**

A variable-content course encompassing field studies in the areas of botany, ecology, entomology, invertebrate and vertebrate zoology, and limnology. Usually offered summers only, with 3-6 credits, depending on the subjects included and the time involved. The focus of the course is the comparative study of habitats and their components. Format and destinations are variable, and costs reflect the mode of travel, destination, and type of accommodations. A term paper is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

6

**Maximum Units**

6

**BIOL 6852 - Special Topics**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

6852

**Course Title**

Special Topics

**Department(s)**

Biology

**Description**

Special Topics

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

**BIOL 6853 - Special Topics**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

6853

**Course Title**

Special Topics

**Department(s)**

Biology

**Description**

Special Topics

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**BIOL 6854 - Special Topics**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

6854

**Course Title**

Special Topics

**Department(s)**

Biology

**Description**

Special Topics

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

**BIOL 700 - Genetics**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

700

**Course Title**

Genetics

**Department(s)**

Biology

**Description**

Structure and function of genes and genomes. Topics will include genetic model organisms and recombinant DNA technology.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**BIOL 7004 - Molec Genetics Lab****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7004

**Course Title**

Molec Genetics Lab

**Department(s)**

Biology

**Description**

Structure and function of genes and genomes. Topics will include genetic model organisms and recombinant DNA technology.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**BIOL 7054 - Evolution Lab****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7054

**Course Title**

Evolution Lab

**Department(s)**

Biology

**Description**

Study of the mechanisms and processes of evolution based on the results and concepts of population genetics, speciation, and mega-evolutionary processes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**BIOL 7056 - Macroevolution: Patterns of Evolution above the Species Level****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7056

**Course Title**

Macroevolution: Patterns of Evolution above the Species Level

**Department(s)**

Biology

**Description**

A course in evolution above the species level analyzing the interface between evolution at the species level and higher systematic and ecological hierarchies. The discussion will include origin, diversification, and extinction patterns of lineages; rates of evolution, deterministic versus stochastic patterns; the problem of adaptation and diversification; developmental aspects of phylogeny; taxic distribution in space and time; phylogenetic inference; morphological versus paleontological data; the molecular clock; ecological versus historical biogeography; gradualism versus saltationalism; neodarwinian paradigm versus others at supra-specific levels.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## BIOL 7063 - Systematics

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7063

Course Title  
Systematics

Department(s)  
Biology

Description  
A course in evolution or in some major group of organisms. Principles of classification, phylogenetic inference, methods of systematics.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## BIOL 7067 - Topics in Systematics

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7067

Course Title  
Topics in Systematics

Department(s)  
Biology

Description  
Topics in classification, phylogenetic inferences, and systematics of a group of organisms. Course may be taken more than once if topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## BIOL 7071 - Zool/Phyl Chordata 1

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7071

Course Title  
Zool/Phyl Chordata 1

Department(s)  
Biology

Description  
The first semester to emphasize the fishlike chordates; the second semester to emphasize the amphibia, reptiles; the third semester to emphasize mammals; and the fourth semester to emphasize birds.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
Instructor Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## BIOL 7072 - Chordata Lab 1

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7072

Course Title  
Chordata Lab 1

Department(s)  
Biology

Description  
The first semester to emphasize the fishlike chordates; the second semester to emphasize the amphibia, reptiles; the third semester to emphasize mammals; and the fourth semester to emphasize birds.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

**BIOL 7075 - Zool/Phyl Chordata 3****Overview**

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7075

Course Title  
Zool/Phyl Chordata 3

Department(s)  
Biology

Description  
The first semester to emphasize the fishlike chordates; the second semester to emphasize the amphibia, reptiles; the third semester to emphasize mammals; and the fourth semester to emphasize birds.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
Instructor Consent Required

**Credits**

Minimum Units                      Maximum Units  
2    2

**BIOL 7076 - Chordata Lab III****Overview**

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7076

Course Title  
Chordata Lab III

Department(s)  
Biology

Description  
The first semester to emphasize the fish-like chordates; the second semester to emphasize the amphibia, reptiles; the third semester to emphasize mammals; and the fourth semester to emphasize birds.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units                      Maximum Units  
2    2

**BIOL 7091 - Population Genetics****Overview**

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7091

Course Title  
Population Genetics

Department(s)  
Biology

Description  
A course in statistics and a course in general genetics, evolution, or permission of the instructor. Study of single gene systems on the population level with emphasis on the mechanisms of evolution/speciation.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units                      Maximum Units  
3    3

**BIOL 710 - Molecular Biology****Overview**

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      710

Course Title  
Molecular Biology

Department(s)  
Biology

Description  
Structure, function and synthesis of DNA, RNA and proteins.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units                      Maximum Units  
5    5

## BIOL 7113 - Experimental Microbiology

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7113

Course Title  
Experimental Microbiology

Department(s)  
Biology

Description  
The processes whereby microorganisms (1) obtain energy and cellular materials, (2) synthesize cell constituents, and (3) interact with their environment.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## BIOL 7114 - Experimental Microbiology

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7114

Course Title  
Experimental Microbiology

Department(s)  
Biology

Description  
The processes whereby microorganisms (1) obtain energy and cellular materials, (2) synthesize cell constituents, and (3) interact with their environment.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## BIOL 7123 - Comparative Biochem

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7123

Course Title  
Comparative Biochem

Department(s)  
Biology

Description  
Comparison of the chemical constitution and metabolism of major groups of organisms.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## BIOL 7124 - Comparative Biochemistry Lab

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
BIOL                                      7124

Course Title  
Comparative Biochemistry Lab

Department(s)  
Biology

Description  
Comparison of the chemical constitution and metabolism of major groups of organisms.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## BIOL 714 - Cell Biology

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
BIOL	714

Course Title  
Cell Biology

Department(s)  
Biology

Description  
Characteristics and properties of cells and cellular components. Mechanisms underlying cell function and interactions of cells with their environment.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
4	4

## BIOL 7171 - Virology

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
BIOL	7171

Course Title  
Virology

Department(s)  
Biology

Description  
The structure and diversity of viruses will be discussed. The mechanisms of viral infection and multiplication, as well as host cell responses, will be studied. Several types of viruses will be analyzed in detail (e.g., human immunodeficiency virus, herpes viruses, hepatitis viruses, influenza virus).

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## BIOL 719 - Molecular Communication in Microorganisms

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
BIOL	719

Course Title  
Molecular Communication in Microorganisms

Department(s)  
Biology

Description  
A study of the surface of microbial cells and how microbial cells interact by means of molecules between cells of the same or different species. The role of these molecules in the regulation of morphogenesis, sexual and asexual reproduction, life cycles, metabolic regulation, genetic recombination, and bioengineering will be examined. Comparison of these communicating molecules will be made with hormones of higher plants and animals.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## BIOL 723 - Ornithology

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
BIOL	723

Course Title  
Ornithology

Department(s)  
Biology

Description  
The evolution, classification, origin of flight, anatomy, physiology, migration, ecology, and reproductive behavior, and conservation of birds. Laboratory includes techniques used in ornithological research and field trips to focus on bird identification and behavior. Students will be expected to attend at least one overnight field trip (e.g., to Cape May, NJ). A library research paper will be submitted and presented in class. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
Graduate

Liberal Arts  
Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**BIOL 7246 - Behavior & Evolution****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7246

**Course Title**

Behavior &amp; Evolution

**Department(s)**

Biology

**Description**

A reading, discussion, and seminar course focusing on two basic questions asked by ethologists: (1) What is the ecological (adaptive) significance of behavior? and (2) What is the evolutionary history of behavior? Gene (biological) evolution is the prime focus; cultural evolution is also examined.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**BIOL 7264 - Comparative Animal Physiology Lab****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7264

**Course Title**

Comparative Animal Physiology Lab

**Department(s)**

Biology

**Description**

Laboratory work will involve qualitative as well as quantitative techniques for measuring environment-organism interaction. Marine, freshwater, and terrestrial invertebrates and vertebrates will be utilized for investigations into the effects on the organism of pressure, temperature, radiant energy, etc.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**BIOL 7313 - Microbial Ecology****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7313

**Course Title**

Microbial Ecology

**Department(s)**

Biology

**Description**

Study of the relationships of microorganisms to their natural environments (air, water, soil, higher animals, or plants) and each other.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Instructor Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**BIOL 7413 - Radiation Biology****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7413

**Course Title**

Radiation Biology

**Department(s)**

Biology

**Description**

Interaction of radiation with living matter, the effect of such interactions on a variety of plants and animals, and methods for detecting and measuring radiation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## BIOL 7414 - Radiation Biol Lab

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7414

**Course Title**

Radiation Biol Lab

**Department(s)**

Biology

**Description**

Interaction of radiation with living matter, the effect of such interactions on a variety of plants and animals, and methods for detecting and measuring radiation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## BIOL 750 - Developmental Biology

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

750

**Course Title**

Developmental Biology

**Department(s)**

Biology

**Description**

Prereq.: Either Biology 700 or 710 or permission of instructor. Cellular and molecular mechanisms underlying axis specification, organogenesis, morphogenesis and cell differentiation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## BIOL 7504 - Developmental Biology Lab

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7504

**Course Title**

Developmental Biology Lab

**Department(s)**

Biology

**Description**

Cellular and molecular mechanisms underlying axis specification, organogenesis, and cell differentiation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## BIOL 7533 - Molecular Basis of Development

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7533

**Course Title**

Molecular Basis of Development

**Department(s)**

Biology

**Description**

Analysis of selected topics in developmental biology at the molecular level, e.g., biochemical basis of induction, hormonal regulation of gene expression in development.



**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## BIOL 7605 - Population Ecology

### Overview

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7605

**Course Title**

Population Ecology

**Department(s)**

Biology

**Description**

Study of the composition and dynamics of populations, including age structure, sex ratio, mating systems, growth patterns, life table analysis, regulation, and intraspecific interactions.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Instructor Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## BIOL 7607 - Limnology

### Overview

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7607

**Course Title**

Limnology

**Department(s)**

Biology

**Description**

The study of the physical, chemical, and biological features of freshwater systems.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## BIOL 7881 - Coop Educ Placement

### Overview

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7881

**Course Title**

Coop Educ Placement

**Department(s)**

Biology

**Description**

Opportunities to apply academic learning in biology in a work environment. The student will develop a learning contract with an on-site supervisor and a departmental advisor. A written report and an oral or written examination are required. Open only to students who pursue the 32-credit-coursework track; a maximum of 4 credits may be applied toward the MA in biology.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## BIOL 7883 - Coop Educ Placement

### Overview

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7883

**Course Title**

Coop Educ Placement

**Department(s)**

Biology

**Description**

Opportunities to apply academic learning in biology in a work environment. The student will develop a learning contract with an on-site supervisor and a departmental advisor. A written report and an oral or written examination are required. Open only to students who pursue the 32-credit-coursework track; a maximum of 4 credits may be applied toward the MA in biology.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**BIOL 7884 - Coop Educ Placement****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
BIOL	7884

**Course Title**  
Coop Educ Placement

**Department(s)**  
Biology

**Description**  
Opportunities to apply academic learning in biology in a work environment. The student will develop a learning contract with an on-site supervisor and a departmental advisor. A written report and an oral or written examination are required. Open only to students who pursue the 32-credit-coursework track; a maximum of 4 credits may be applied toward the MA in biology.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4	4

**BIOL 7901 - VT:Seminar in Evolution****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
BIOL	7901

**Course Title**

VT:Seminar in Evolution

**Department(s)**  
Biology

**Description**

Topics relating to the general subject of evolution. Course may be taken more than once if topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**BIOL 7902 - VT:Seminar in Genetics****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
BIOL	7902

**Course Title**  
VT:Seminar in Genetics

**Department(s)**  
Biology

**Description**  
Heredity and genetics of plants and animals, and applications to other areas.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**BIOL 7904 - VT: Seminar Molecular Genetics****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
BIOL	7904

**Course Title**  
VT: Seminar Molecular Genetics

**Department(s)**

Biology

**Description**

Seminar course on a specified topic in the field of molecular genetics. Course may be taken more than once if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Instructor Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**BIOL 7906 - Vt:Seminar Ecology**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7906

**Course Title**

Vt:Seminar Ecology

**Department(s)**

Biology

**Description**

Seminar in topics of the interrelationships of plants and animals with their biotic and abiotic environments. Course may be taken more than once if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Instructor Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**BIOL 791 - Colloquium**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

791

**Course Title**

Colloquium

**Department(s)**

Biology

**Description**

Course may be taken more than once if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

**BIOL 7921 - Tutorial**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7921

**Course Title**

Tutorial

**Department(s)**

Biology

**Description**

See department for description. Repeatable for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

**BIOL 7922 - Tutorial**

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7922

**Course Title**

Tutorial

**Department(s)**

Biology

**Description**

See department for description. Repeatable for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**BIOL 7923 - Tutorial****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7923

**Course Title**

Tutorial

**Department(s)**

Biology

**Description**

See department for description. Repeatable for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**BIOL 7924 - Tutorial****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7924

**Course Title**

Tutorial

**Department(s)**

Biology

**Description**

See department for description. Repeatable for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**BIOL 7931 - Seminar in Systematics****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7931

**Course Title**

Seminar in Systematics

**Department(s)**

Biology

**Description**

Problems in modern classification and phylogeny, with emphasis on areas such as vertical vs. horizontal classification, convergent and parallel evolution, adaptive radiation, behavioral aspects, biochemical systematics, computer methods, etc.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**BIOL 7932 - Seminar in Zoogeography****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7932

**Course Title**

Seminar in Zoogeography

**Department(s)**

Biology

**Description**

Seminar-format course on a specified topic in the field of zoogeography. Course may be taken more than once if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Instructor Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## BIOL 7933 - VT:Seminar in Physiology

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7933

**Course Title**

VT:Seminar in Physiology

**Department(s)**

Biology

**Description**

Special problems in physiology.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## BIOL 7934 - VT:Seminar in Animal Behavior

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7934

**Course Title**

VT:Seminar in Animal Behavior

**Department(s)**

Biology

**Description**

Seminar-format course on a specified topic in the field of animal behavior. Course may be taken more than once if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## BIOL 7935 - VT: Seminar in Cell Biology

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7935

**Course Title**

VT: Seminar in Cell Biology

**Department(s)**

Biology

**Description**

Seminar course on a specified topic in the field of cell biology. Course may be taken more than once if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## BIOL 7939 - VT: Seminar in Special Topics

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7939

**Course Title**

VT: Seminar in Special Topics

**Department(s)**

Biology

**Description**

Course may be taken more than once if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**BIOL 7941 - Ecology and Evolutionary Biology Data and Journal Club****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7941

**Course Title**

Ecology and Evolutionary Biology Data and Journal Club

**Department(s)**

Biology

**Description**

Seminar-format course consisting of student and faculty oral presentations. Topics of the presentations will be taken from the student's or faculty member's own research or from journal articles in the scientific literature. Course may be taken more than once if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

**BIOL 796 - Basic Laboratory Techniques for Research****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

796

**Course Title**

Basic Laboratory Techniques for Research

**Department(s)**

Biology

**Description**

Lecture and laboratory work on modern instrumentation and experimental design used to solve biological problems. The theory underlying the experimental design and equipment will be discussed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**BIOL 7971 - Molecular, Cellular, and Developmental Biology Journal Club****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7971

**Course Title**

Molecular, Cellular, and Developmental Biology Journal Club

**Department(s)**

Biology

**Description**

Seminar-format course consisting of student and faculty oral presentations. Topics of the presentations will be taken from journal articles in the scientific literature. Course may be taken more than once if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

**BIOL 7991 - Research****Overview****Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7991

**Course Title**

Research

**Department(s)**

Biology

**Description**

Research under the guidance of a faculty advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## BIOL 7992 - Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7992

**Course Title**

Research

**Department(s)**

Biology

**Description**

Research under the guidance of a faculty advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## BIOL 7993 - Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7993

**Course Title**

Research

**Department(s)**

Biology

**Description**

Research under the guidance of a faculty advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## BIOL 7994 - Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7994

**Course Title**

Research

**Department(s)**

Biology

**Description**

Research under the guidance of a faculty advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## BIOL 7996 - Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

BIOL

**Catalog Number**

7996

**Course Title**

Research

**Department(s)**

Biology

**Description**

Research under the guidance of a faculty advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

**CAS 717 - Acquisition Of Lang****Overview****Academic Institution**

QNS01

**Subject area**

CAS

**Catalog Number**

717

**Course Title**

Acquisition Of Lang

**Department(s)**

Linguistics &amp; Communication Disorders

**Description**

Acquisition Of Lang

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**CESL 700 - Grad Eng Sec Lang****Overview****Academic Institution**

QNS01

**Subject area**

CESL

**Catalog Number**

700

**Course Title**

Grad Eng Sec Lang

**Department(s)**

Academic Support

**Description**

GRAD ENG SEC LANG

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

0

**Maximum Units**

0

**CHEM 501 - Modern Concepts of General Chemistry****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

501

**Course Title**

Modern Concepts of General Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

An introduction or review for the present teacher, with emphasis on background information helpful to the high school chemistry teacher. Not open to candidates for the MA degree in Chemistry.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**CHEM 503 - Selected Topics in Chemistry****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

503

**Course Title**

Selected Topics in Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

With particular emphasis on the high school chemistry curriculum, the course is designed for matriculants in a science educational program for high school teachers of general science and biology, physics, or geology. Not open to candidates for the MA degree in Chemistry

**Academic Career**

Graduate

**Liberal Arts**

Yes



**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**CHEM 504 - Environmental Chemistry****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

504

**Course Title**

Environmental Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

A general overview of the chemistry of our environment, focusing on pollution of the atmosphere and hydrosphere, hazardous wastes, heavy metals, and pesticides. Topics of current interest such as the greenhouse effect, stratospheric ozone depletion, acid deposition, and indoor air pollution are emphasized. Also the systems used by the City of New York for provision of drinking water, treatment of waste water, and disposal of solid waste are considered.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**CHEM 650 - Biochemistry****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

650

**Course Title**

Biochemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

Structure, properties, biosynthesis, and metabolism of major groups of compounds of biological importance, such as amino acids, nucleic acids, carbohydrates, lipids, and vitamins.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**CHEM 710 - Advanced Inorganic Chemistry****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

710

**Course Title**

Advanced Inorganic Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

The theoretical and experimental fundamentals of atomic and molecular structure. Emphasis is on physical interpretation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**CHEM 715 - Special Topics in Inorganic Chemistry****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

715

**Course Title**

Special Topics in Inorganic Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

Topic can change from semester to semester.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## CHEM 740 - Special Topics in Analytical Chemistry

**Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

740

**Course Title**

Special Topics in Analytical Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

Topics of current interest in important areas of analytical chemistry, such as analytical separations, electroanalytical chemistry, and analytical spectroscopy will be covered.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## CHEM 742 - Environmental Analytical Chemistry

**Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

742

**Course Title**

Environmental Analytical Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

Environmental analytical chemistry is an instrumental methods-of-analysis course oriented specifically toward the needs of those concerned with natural waters, soils, sediments, and related media. Emphasis is placed on sampling, maintenance of sample integrity, and sample preparation for analysis. Modern spectrophotometric, electrochemical, and high-resolution chromatographic methods are used for the determination of organic and inorganic compounds in environmental media. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## CHEM 750 - Advanced Organic Chemistry I

**Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

750

**Course Title**

Advanced Organic Chemistry I

**Department(s)**

Chemistry and Biochemistry

**Description**

Fundamentals of organic chemical principles, reactions, and structures.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## CHEM 751 - Advanced Organic Chemistry II

**Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

751

**Course Title**

Advanced Organic Chemistry II

**Department(s)**

Chemistry and Biochemistry

**Description**

Fundamentals of organic chemical principles, reactions, and structures.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**Course Title**

Spectroscopy

**Department(s)**

Chemistry and Biochemistry

**Description**

A continuation of Chemistry 760

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**CHEM 760 - Introductory Quantum Chemistry****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

760

**Course Title**

Introductory Quantum Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

Systematic development of the theories of chemistry, including mathematical development and structural effects and the application of these theories to chemical systems.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**CHEM 765 - Special Topics in Physical Chemistry****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

765

**Course Title**

Special Topics in Physical Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

Topic can change from semester to semester.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**CHEM 761 - Spectroscopy****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

761

**CHEM 770 - The development of the thermodynamic foundations of chemical processes; both the classical and stati****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

770

**Course Title**

The development of the thermodynamic foundations of chemical processes; both the classical and stati

**Department(s)**

Chemistry and Biochemistry

**Description**

Topic can change from semester to semester.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

**CHEM 780 - Advanced Seminar****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

780

**Course Title**

Advanced Seminar

**Department(s)**

Chemistry and Biochemistry

**Description**

Seminars will consist of reading and discussion of the literature on selected topics from the various branches of chemistry, or the presentation of experimental results.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units

2

Maximum Units

2

**CHEM 781 - Advanced Seminar****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

781

**Course Title**

Advanced Seminar

**Department(s)**

Chemistry and Biochemistry

**Description**

Seminars will consist of reading and discussion of the literature on selected topics from the various branches of chemistry, or the presentation of experimental results.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units

2

Maximum Units

2

**CHEM 786 - Spectroscopic Methods of Structure Determination****Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

786

**Course Title**

Spectroscopic Methods of Structure Determination

**Department(s)**

Chemistry and Biochemistry

**Description**

A survey of the main methods for determining the structures of compounds from physical measurements. Interpretation of data from infrared, mass, and nuclear magnetic resonance spectrometry. Discussion of other physical methods such as diffraction techniques and ultraviolet spectroscopy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

**CHEM 7881 - Cooperative Study****Overview****Academic Institution**

QNS01

**Subject area**  
CHEM

**Catalog Number**  
7881

**Course Title**  
Cooperative Study

**Department(s)**  
Chemistry and Biochemistry

**Description**  
Cooperative study is performed by students participating in the Cooperative Education program. It involves employment of the student in one of a variety of chemistry-related jobs with direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative study is intended to supplement the traditional classroom and laboratory programs of study. The student shall prepare a report for the chemistry and biochemistry graduate committee upon completion of the experience. No more than 6 credits may be taken in cooperative study.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**                      **Maximum Units**  
1    1

## CHEM 7882 - Cooperative Study

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
CHEM                                      7882

**Course Title**  
Cooperative Study

**Department(s)**  
Chemistry and Biochemistry

**Description**  
Cooperative study is performed by students participating in the Cooperative Education program. It involves employment of the student in one of a variety of chemistry-related jobs with direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative study is intended to supplement the traditional classroom and laboratory programs of study. The student shall prepare a report for the chemistry and biochemistry graduate committee upon completion of the experience. No more than 6 credits may be taken in cooperative study.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**                      **Maximum Units**  
2    2

## CHEM 7884 - Cooperative Study

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
CHEM                                      7884

**Course Title**  
Cooperative Study

**Department(s)**  
Chemistry and Biochemistry

**Description**  
Cooperative study is performed by students participating in the Cooperative Education program. It involves employment of the student in one of a variety of chemistry-related jobs with direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative study is intended to supplement the traditional classroom and laboratory programs of study. The student shall prepare a report for the chemistry and biochemistry graduate committee upon completion of the experience. No more than 6 credits may be taken in cooperative study.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**                      **Maximum Units**  
4    4

## CHEM 7885 - Cooperative Study

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
CHEM                                      7885

**Course Title**  
Cooperative Study

**Department(s)**  
Chemistry and Biochemistry

**Description**  
Cooperative study is performed by students participating in the Cooperative Education program. It involves employment of the student in one of a variety of chemistry-related jobs with direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative study is intended to supplement the traditional classroom and laboratory programs of study. The

student shall prepare a report for the chemistry and biochemistry graduate committee upon completion of the experience. No more than 6 credits may be taken in cooperative study.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

5

**Maximum Units**

5

## CHEM 7886 - Cooperative Study

**Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

7886

**Course Title**

Cooperative Study

**Department(s)**

Chemistry and Biochemistry

**Description**

Cooperative study is performed by students participating in the Cooperative Education program. It involves employment of the student in one of a variety of chemistry-related jobs with direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative study is intended to supplement the traditional classroom and laboratory programs of study. The student shall prepare a report for the chemistry and biochemistry graduate committee upon completion of the experience. No more than 6 credits may be taken in cooperative study.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## CHEM 7901 - Basic Laboratory Techniques for Research in Analytical and Physical Chemistry

**Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

7901

**Course Title**

Basic Laboratory Techniques for Research in Analytical and Physical Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

Modern instrumental methods of analysis including high-performance liquid chromatography; gas chromatography; gas chromatography/mass spectrometry; capillary electrophoresis; flame and graphite furnace atomic absorption spectrophotometry; and UV-visible, fluorescence, and Fourier transform infrared spectrophotometry applied to various organic and inorganic materials.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## CHEM 7902 - Basic Laboratory Techniques for Research in Organic and Inorganic Chemistry

**Overview****Academic Institution**

QNS01

**Subject area**

CHEM

**Catalog Number**

7902

**Course Title**

Basic Laboratory Techniques for Research in Organic and Inorganic Chemistry

**Department(s)**

Chemistry and Biochemistry

**Description**

Modern techniques for the preparation and characterization of organic and inorganic substances, including spectroscopic techniques, chromatographic separations, vacuum distillation, use of inert atmosphere and related syringe techniques.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## CHEM 7931 - Tutorial In Chem

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
CHEM                                      7931

Course Title  
Tutorial In Chem

Department(s)  
Chemistry and Biochemistry

Description  
This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
1    1

## CHEM 7932 - Tutorial In Chem

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
CHEM                                      7932

Course Title  
Tutorial In Chem

Department(s)  
Chemistry and Biochemistry

Description  
This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## CHEM 7933 - Tutorial In Chem

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
CHEM                                      7933

Course Title  
Tutorial In Chem

Department(s)  
Chemistry and Biochemistry

Description  
This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## CHEM 7951 - Research

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
CHEM                                      7951

Course Title  
Research

Department(s)  
Chemistry and Biochemistry

Description  
This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
1    1

## CHEM 7952 - Research

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
CHEM                                      7952

Course Title  
Research

Department(s)  
Chemistry and Biochemistry

Description  
This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## CHEM 7953 - Research

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
CHEM                                      7953

Course Title  
Research

Department(s)  
Chemistry and Biochemistry

Description  
This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## CHEM 7954 - Research

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
CHEM                                      7954

Course Title  
Research

Department(s)  
Chemistry and Biochemistry

Description  
This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
4    4

## CHEM 7955 - Research

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
CHEM                                      7955

Course Title  
Research

Department(s)  
Chemistry and Biochemistry

Description  
This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
5    5



## CHEM 7956 - Research

### Overview

#### Academic Institution

QNS01

#### Subject area

CHEM

#### Catalog Number

7956

#### Course Title

Research

#### Department(s)

Chemistry and Biochemistry

#### Description

This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

6

#### Maximum Units

6

## CSCI 611 - Advanced Programming in C++

### Overview

#### Academic Institution

QNS01

#### Subject area

CSCI

#### Catalog Number

611

#### Course Title

Advanced Programming in C++

#### Department(s)

Computer Science

#### Description

Systematic treatment of object-oriented algorithmic problem solving in C++ beyond the level of introductory programming, with attention to general as well as language-specific issues including pointer and pointer arithmetic; linked lists; heap memory management including effective use of destructors; recursion; operator overloading; inheritance, polymorphism and dynamic binding of function code, virtual functions; stream and file I/O; exception handling; templates and STL; applications of data structures; testing and debugging techniques.

#### Academic Career

Graduate

#### Liberal Arts

No

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## CSCI 612 - Advanced Programming in Java

### Overview

#### Academic Institution

QNS01

#### Subject area

CSCI

#### Catalog Number

612

#### Course Title

Advanced Programming in Java

#### Department(s)

Computer Science

#### Description

Systematic treatment of object-oriented algorithmic problem solving in Java beyond the level of introductory programming, with attention to general as well as language-specific issues including applications, event-driven programming; elements of graphical user interfaces (GUIs); linked lists; heap memory management and garbage collection; recursion; inheritance, polymorphism and dynamic binding of function code, abstract classes; file I/O; exception handling; packages; applications of data structures; applets; concept of multithreading; testing and debugging.

#### Academic Career

Graduate

#### Liberal Arts

No

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## CSCI 613 - Data Structures

### Overview

#### Academic Institution

QNS01

#### Subject area

CSCI

#### Catalog Number

613

#### Course Title

Data Structures

#### Department(s)

Computer Science

#### Description

Fundamental data structures and their implementations: stacks, queues, trees (binary and AVL), heaps, graphs. Hash functions and hash tables. Algorithms for searching, sorting, graph traversal, and topological sorting. Best, worst, and average-case runtime analysis. Examples of problem-solving using greedy algorithm, divide-and-conquer, and backtracking.

#### Academic Career

Graduate

#### Liberal Arts

No

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## CSCI 620 - Discrete Structures

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
CSCI	620

**Course Title**  
Discrete Structures

**Department(s)**  
Computer Science

**Description**  
Algorithms, recursion, counting problems, recurrences and their closed-form solutions, asymptotic analysis of functions, relations, graphs and trees, applications to computational problems.

**Academic Career**  
Graduate

**Liberal Arts**  
No

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## CSCI 640 - Computer Organization and Assembly Language

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
CSCI	640

**Course Title**  
Computer Organization and Assembly Language

**Department(s)**  
Computer Science

**Description**  
Elements of digital logic, combinational and sequential circuits. Data representation. Principles of computer design and implementation. Instruction set architecture and register-transfer level execution. Memory hierarchy and storage formats. Bus structures. Assembly language programming.

**Academic Career**  
Graduate

**Liberal Arts**  
No

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## CSCI 655 - Internet and Web Technologies

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
CSCI	655

**Course Title**  
Internet and Web Technologies

**Department(s)**  
Computer Science

**Description**  
Internet protocol stack, analysis of representative protocols; internet applications; client server architecture, popular Internet application protocols, Internet application design, client side programming, server side programming, Web application and Web site design; programming projects.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## CSCI 688 - Advanced Productivity Tools for Business

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
CSCI	688

**Course Title**  
Advanced Productivity Tools for Business

**Department(s)**  
Computer Science

**Description**

Computing technology for students in business and finance-related disciplines. Advanced analytic techniques with an emphasis on spreadsheet topics such as financial functions and formulas, pivot tables, charting, and macro programming. Integration of spreadsheets, databases, and presentation tools for analysis and report generation.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**CSCI 700 - Algorithms I****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
CSCI	700

**Course Title**  
Algorithms I

**Department(s)**  
Computer Science

**Description**  
Fundamental algorithms, their use, analysis, and the data structures used in their formulation. Programming paradigms such as dynamic programming, divide and conquer, greedy algorithms, branch and bound, backtracking, and their applications. Parallel algorithms.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**CSCI 701 - Software Design****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
CSCI	701

**Course Title**

Software Design

**Department(s)**  
Computer Science

**Description**

Techniques and principles of systematic software development. Review of current software development tools. Top-down design and structured programming. History and concepts of modular design. Graphical user interfaces. Object-oriented design including data abstraction by classes and type polymorphism. Significant programming projects will be assigned.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**CSCI 711 - Database Systems****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
CSCI	711

**Course Title**  
Database Systems

**Department(s)**  
Computer Science

**Description**  
In-depth review of data base systems and extensive survey of the current literature on the topic.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**CSCI 715 - Distributed Computing****Overview**

**Academic Institution**  
QNS01

**Subject area**  
CSCI

**Catalog Number**  
715

**Course Title**  
Distributed Computing

**Department(s)**  
Computer Science

**Description**  
Distributed systems design and implementation. Concurrency and modularity. Operating system considerations. Transport-level communication protocols. RPCs. Examples of distributed systems

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**                      **Maximum Units**  
3    3

## CSCI 718 - Computer Graphics

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
CSCI                                      718

**Course Title**  
Computer Graphics

**Department(s)**  
Computer Science

**Description**  
Digital image fundamentals, scan-conversion algorithms, organization of graphics systems, 2D/3D primitives and their attributes, curve and surface representations, transformations, projections, hidden line/surface removal and clipping algorithms, color and illumination models, shading methods, interactive devices and techniques, graphics API. Significant programming projects to illustrate the rendering process as well as the design of user interfaces will be assigned.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**                      **Maximum Units**  
3    3

## CSCI 722 - Computability and Complexity

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
CSCI                                      722

**Course Title**  
Computability and Complexity

**Department(s)**  
Computer Science

**Description**  
Models of computation such as Turing machines, random access machines, and circuits. Time complexity classes, including P and NP, space complexity classes, including L and NL, and the interrelationships among them. Mapping reducibility and its specializations, including polynomial-time and log-space reducibility. Establishing a first NP-complete problem, such as circuit satisfiability or Boolean-formula satisfiability. P-complete decision problems; NP-complete decision problems; and related approximation algorithms.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**                      **Maximum Units**  
3    3

## CSCI 731 - Software Development Practicum

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
CSCI                                      731

**Course Title**  
Software Development Practicum

**Department(s)**  
Computer Science

**Description**  
Each student will complete a significant software development project, either of his/her own choosing or one selected by the instructor. In general, projects will incorporate the following features in their design: A graphical user interface, concurrent processing, and persistent state across invocations. All projects will include complete and separate documentation for end-users, for installation, and for software maintenance. Project management tools for version and module management, and a complete record of the development stages are required.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**CSCI 732 - Research Practicum****Overview**Academic Institution  
QNS01Subject area  
CSCICatalog Number  
732Course Title  
Research PracticumDepartment(s)  
Computer Science**Description**

Critical review of research in computer science. Students will conduct research on one of the topics given by the instructor, and gain experience in writing research proposals, actual research process (including the use of libraries and the reading of papers), and in writing research reports. The instructor will give lectures on the selected topics as well as on general research methods, and closely monitor the students' research process.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**CSCI 733 - Master's Thesis****Overview**Academic Institution  
QNS01Subject area  
CSCICatalog Number  
733Course Title  
Master's ThesisDepartment(s)  
Computer Science**Description**

A master's thesis must be accepted by a sponsoring member of the department and by a thesis committee chosen by the department. (For college requirements regarding theses, see section on Degree & Certificate Offerings.)

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**CSCI 734 - Hardware Design Practicum****Overview**Academic Institution  
QNS01Subject area  
CSCICatalog Number  
734Course Title  
Hardware Design PracticumDepartment(s)  
Computer Science**Description**

Each student will complete a significant hardware development project approved by the instructor. Projects may be based on existing development platforms, or may involve construction of a hardware platform specific to the project. Designs may involve various areas of digital design, such as signal processing, robotics, networking, or peripheral interfacing.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**CSCI 744 - Computer Architecture and Networks****Overview**Academic Institution  
QNS01Subject area  
CSCICatalog Number  
744Course Title  
Computer Architecture and NetworksDepartment(s)  
Computer Science**Description**

The design of CPU, memory, and I/O systems. Performance evaluation. Pipeline processor design. SIMD architecture. Communication issues in a distributed computing system. Design of interconnection networks and their applications. Fault-tolerant computer systems.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## CSCI 745 - Switching Theory

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

745

**Course Title**

Switching Theory

**Department(s)**

Computer Science

**Description**

Boolean algebra. Symmetric and iterative circuits. Fault detection and location. State equivalence and reduction of completely and incompletely specified machines. State identification and experiments. Linear sequential circuits. Current research topics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## CSCI 746 - Computer Systems

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

746

**Course Title**

Computer Systems

**Department(s)**

Computer Science

**Description**

Parallel computer models. Program and network properties. Performance metrics and measures. Advanced processor technology, RISC and CISC processors. Software for parallel programming. Current research topics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## CSCI 748 - Computer Networks

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

748

**Course Title**

Computer Networks

**Department(s)**

Computer Science

**Description**

Basic communication concepts, connectivity analysis, delay analysis, and the International Standards Organization Reference Model of Open Systems Interconnection (ISO-OSI).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## CSCI 761 - Numerical Methods

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

761

**Course Title**

Numerical Methods

**Department(s)**

Computer Science

**Description**

Error analysis, propagation of input and machine errors, interpolation, functional approximation, numerical differentiation, integration and summation, numerical solution of systems of linear equations and systems of nonlinear equations.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## CSCI 762 - Algorithms II

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

762

**Course Title**

Algorithms II

**Department(s)**

Computer Science

**Description**

A continuation of the material of 700, including algorithms for numerical computation, algorithms for parallel or distributed computers, and probabilistic analysis of algorithms.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## CSCI 765 - Computational Finance

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

765

**Course Title**

Computational Finance

**Department(s)**

Computer Science

**Description**

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**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## CSCI 780 - Special Topics in Computer Science

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

780

**Course Title**

Special Topics in Computer Science

**Department(s)**

Computer Science

**Description**

Special Topics in Computer Science. May be repeated for credit for differing titles

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## CSCI 783 - Special Topics in in Computer Science

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

783

**Course Title**

Special Topics in in Computer Science

**Department(s)**

Computer Science

**Description**

May be repeated for credit for differing titles

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## CSCI 786 - Special Topics in in Computer Science

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

786

**Course Title**

Special Topics in in Computer Science

**Department(s)**

Computer Science

**Description**

May be repeated for credit for differing titles

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## CSCI 7881 - Computer Science: Cooperative Education Placement

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

7881

**Course Title**

Computer Science: Cooperative Education Placement

**Department(s)**

Computer Science

**Description**

Experiential learning through job placements developed by the Queens College Cooperative Education program. Opportunities are provided to test, demonstrate, and expand on academic learning in an organizational setting. This course does not count toward the 30 credits required for the Master of Arts degree in computer science. The grade for this course will be given on a pass/fail basis.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## CSCI 7882 - Computer Science: Cooperative Education Placement

**Overview**

**Academic Institution**

QNS01

**Subject area**

CSCI

**Catalog Number**

7882

**Course Title**

Computer Science: Cooperative Education Placement

**Department(s)**

Computer Science

**Description**

Experiential learning through job placements developed by the Queens College Cooperative Education program. Opportunities are provided to test, demonstrate, and expand on academic learning in an organizational setting. This course does not count toward the 30 credits required for the Master of Arts degree in computer science. The grade for this course will be given on a pass/fail basis.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## CSCI 7883 - Computer Science: Cooperative Education Placement

**Overview**

**Academic Institution**

QNS01



**Subject area**  
CSCI

**Catalog Number**  
7883

**Course Title**  
Computer Science: Cooperative Education Placement

**Department(s)**  
Computer Science

**Description**  
Experiential learning through job placements developed by the Queens College Cooperative Education program. Opportunities are provided to test, demonstrate, and expand on academic learning in an organizational setting. This course does not count toward the 30 credits required for the Master of Arts degree in computer science. The grade for this course will be given on a pass/fail basis.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## CSCI 790 - Seminars in Computer Science

### Overview

**Academic Institution**  
QNS01

**Subject area**  
CSCI

**Catalog Number**  
790

**Course Title**  
Seminars in Computer Science

**Department(s)**  
Computer Science

**Description**  
May be repeated for credit if the topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## CSCI 793 - Seminars in Computer Science

### Overview

**Academic Institution**  
QNS01

**Subject area**  
CSCI

**Catalog Number**  
793

**Course Title**  
Seminars in Computer Science

**Department(s)**  
Computer Science

**Description**  
May be repeated for credit if the topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## CSCI 799 - Computer Science Research

### Overview

**Academic Institution**  
QNS01

**Subject area**  
CSCI

**Catalog Number**  
799

**Course Title**  
Computer Science Research

**Department(s)**  
Computer Science

**Description**  
May be repeated for credit for different topics, to a maximum of 3 credits. Student research reports shall be written; they will be placed on file with departmental technical reports. CSCI 799 can be used to satisfy the capstone requirement if the proposal is approved for such by the department. Students may take such a course only after they have completed at least 21 credits of 700-level courses with a cumulative GPA of 3.3 or better, and the research involved must be an individual work.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
2	2

## CSCI 7991 - VT: Research

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
CSCI                                      7991

**Course Title**  
VT: Research

**Department(s)**  
Computer Science

**Description**  
May be repeated for credit for different topics, to a maximum of 3 credits. Student research reports shall be written; they will be placed on file with departmental technical reports. CSCI 799.3 can be used to satisfy the capstone requirement if the proposal is approved for such by the department. Students may take such a course only after they have completed at least 21 credits of 700-level courses with a cumulative GPA of 3.3 or better, and the research involved must be an individual work.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
1    1

## CSCI 7993 - Vt:Research

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
CSCI                                      7993

**Course Title**  
Vt:Research

**Department(s)**  
Computer Science

**Description**  
May be repeated for credit for different topics, to a maximum of 3 credits. Student research reports shall be written; they will be placed on file with departmental technical reports. CSCI 799.3 can be used to satisfy the capstone requirement if the proposal is approved for such by the department. Students may take such a course only after they have completed at least 21 credits of 700-level courses with a cumulative GPA of 3.3 or better, and the research involved must be an individual work.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## DATA 605 - Introduction to Social Statistics

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
DATA                                      605

**Course Title**  
Introduction to Social Statistics

**Department(s)**  
Sociology

**Description**  
Introduction to descriptive, inferential, bi-variate, and multivariate statistical techniques used to analyze social science data. Students generate and interpret output produced by standard statistical computer packages and acquire theoretical and practical skills foundational to the graduate data analytics courses, DATA 710, DATA712.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## DATA 634 - Social Science Research Methods

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
DATA                                      634

**Course Title**  
Social Science Research Methods

**Department(s)**  
Sociology

**Description**  
Introduction of the theoretical and methodological approaches to conducting social science research, analyzing social science data and communicating scientific findings. Survey of various scientific research methods, combined with understanding of their practical applications in social science settings. Students acquire theoretical and practical skills foundational to the graduate data analytics courses, DATA 754 and DATA 755.

**Academic Career**  
Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 701 - The Development of Sociological Theory

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

701

**Course Title**

The Development of Sociological Theory

**Department(s)**

Sociology

**Description**

Critical examination of the major treatises and schools in the development of sociological theory from Comte to twentieth-century theorists.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 702 - Contemporary Sociological Theory

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

702

**Course Title**

Contemporary Sociological Theory

**Department(s)**

Sociology

**Description**

Critical discussion of current sociological theory. Relationship of contemporary theory to empirical research.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 710 - Basic Analytics

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

710

**Course Title**

Basic Analytics

**Department(s)**

Sociology

**Description**

This course focuses on basic statistical concepts and analytic techniques with an emphasis on application to real-world problems and issues. It is the first in a two-semester sequence. This course focuses on basic statistical concepts and analytic techniques with an emphasis on application to real-world problems and issues. It is the first in a two-semester sequence. This course emphasizes describing and summarizing data, statistical inference procedures and reasoning, and use of statistical software in analysis.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## DATA 711 - Qualitative Methods

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

711

**Course Title**

Qualitative Methods

**Department(s)**

Sociology

**Description**

Qualitative concepts and methods of sociological research; application of such concepts and methods in representative published studies.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**DATA 712 - Advanced Analytics**

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

712

**Course Title**

Advanced Analytics

**Department(s)**

Sociology

**Description**

An examination of advanced statistical methods, inference, and multivariate techniques, such as ANOVA, linear regression, and logistic regression.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

**DATA 716 - Professional Writing and Communication for Social Research**

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

716

**Course Title**

Professional Writing and Communication for Social Research

**Department(s)**

Sociology

**Description**

An applied course stressing succinct and meaningful communication. The course will include proposals, analytical reports, and presentations. Essential concepts will be drawn from a wide variety of professional experiences.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**DATA 728 - Sociology of Organizations and Industry**

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

728

**Course Title**

Sociology of Organizations and Industry

**Department(s)**

Sociology

**Description**

The general theory of organizations is examined with emphasis on groups, decisions, hierarchy, effectiveness, participation, conflict, power, and environment. Selected studies dealing with labor, business, and government are discussed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**DATA 734 - Applied Social Research in Marketing I**

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

734

**Course Title**

Applied Social Research in Marketing I

**Department(s)**

Sociology

**Description**

A survey of the techniques used in marketing research with an emphasis on developing skills needed to carry out research.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 735 - Applied Social Research in Marketing II

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

735

**Course Title**

Applied Social Research in Marketing II

**Department(s)**

Sociology

**Description**

Students carry out a marketing research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 736 - Demography

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

736

**Course Title**

Demography

**Department(s)**

Sociology

**Description**

Survey of population studies, including: basic demographic processes and population structures; overview of demographic data, methods, and concepts; and discussion of population issues.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 754 - Applied Social Research I

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

754

**Course Title**

Applied Social Research I

**Department(s)**

Sociology

**Description**

Topics in Applied Social Research.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 755 - Applied Social Research II

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

755

**Course Title**

Applied Social Research II

**Department(s)**

Sociology

**Description**

Topics in Applied Social Research.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 765 - Special Topics in Research Methods

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

765

**Course Title**

Special Topics in Research Methods

**Department(s)**

Sociology

**Description**

Special topics in research methods. This course may be repeated for credit by permission of the department as the topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## DATA 7881 - Coop Ed Field Placement

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7881

**Course Title**

Coop Ed Field Placement

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in paid positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## DATA 7882 - Co-op Ed Field Placement

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7882

**Course Title**

Co-op Ed Field Placement

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in paid positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## DATA 7883 - Coop Ed Fld Placemnt

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7883

**Course Title**

Coop Ed Fld Placemnt

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in paid positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**Description**

Students will apply skills learned in courses in paid positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

5

**Maximum Units**

5

## DATA 7884 - Coop Ed Fld Placemnt

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7884

**Course Title**

Coop Ed Fld Placemnt

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in paid positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## DATA 7886 - Coop Ed Fld Placemnt

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7886

**Course Title**

Coop Ed Fld Placemnt

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in paid positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

6

**Maximum Units**

6

## DATA 7885 - Coop Ed Fld Placemnt

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7885

**Course Title**

Coop Ed Fld Placemnt

**Department(s)**

Sociology

## DATA 7891 - Internship Soc Res

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7891

**Course Title**

Internship Soc Res

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in volunteer positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

**Description**

Students will apply skills learned in courses in volunteer positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**DATA 7892 - Internship Soc Res**

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7892

**Course Title**

Internship Soc Res

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in volunteer positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

**DATA 7894 - Internship Soc Res**

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7894

**Course Title**

Internship Soc Res

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in volunteer positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

**DATA 7893 - Internship Soc Res**

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7893

**Course Title**

Internship Soc Res

**Department(s)**

Sociology

**DATA 7895 - Internship Soc Res**

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7895

**Course Title**

Internship Soc Res

**Department(s)**

Sociology



**Description**

Students will apply skills learned in courses in volunteer positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

5

**Maximum Units**

5

**Description**

Content will be determined by the special interest of students and the instructor. The course may be repeated for credit by permission of the department as the topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 7896 - Internship in Social Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

7896

**Course Title**

Internship in Social Research

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in volunteer positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

6

**Maximum Units**

6

## DATA 791 - Tutorial

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

791

**Course Title**

Tutorial

**Department(s)**

Sociology

**Description**

Independent study under the guidance of a faculty advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 790 - Seminar in Selected Topics in Sociology.

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

790

**Course Title**

Seminar in Selected Topics in Sociology.

**Department(s)**

Sociology

## DATA 792 - Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

792

**Course Title**

Research

**Department(s)**

Sociology

**Description**

Research conducted under the guidance of a faculty advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## DATA 793 - Thesis Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

DATA

**Catalog Number**

793

**Course Title**

Thesis Research

**Department(s)**

Sociology

**Description**

Student will carry out a research project which will culminate in a master's thesis or a research report of comparable significance.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECON 601 - Introduction to Micro and Macro Economics

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

601

**Course Title**

Introduction to Micro and Macro Economics

**Department(s)**

Economics

**Description**

Principles of microeconomics and macroeconomics. Analysis of the economy as a distinctive whole that is also composed of multiple small parts. Critical examination of economic theories and policies, especially as they are used by government officials to shape and guide the economy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## ECON 602 - Introduction to Corporate Finance and Money and Banking

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

602

**Course Title**

Introduction to Corporate Finance and Money and Banking

**Department(s)**

Economics

**Description**

Principles of banking and financial economics. Topics include interest rates, financial markets, financial institutions, the money supply and monetary policy, and how the financial system operates in a macroeconomy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## ECON 630 - Engineering Economics

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

630

**Course Title**

Engineering Economics

**Department(s)**

Economics

**Description**

This course deals with the application of economic models to the evaluation of engineering projects from a financial perspective. The students are exposed to the fundamentals of investment decision-making using the theory of corporate finance. The course is designed for students in STEM disciplines interested in understanding the process of financial decision making as it relates to engineering projects. This course is open to graduate and qualified undergraduate students majoring in STEM fields with the permission of the instructor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECON 649 - Statistics as Applied to Economics and Business

**Overview****Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

649

**Course Title**

Statistics as Applied to Economics and Business

**Department(s)**

Economics

**Description**

Descriptive statistics, elementary probability theory, sampling statistical inference, estimation, correlation and regression. Statistical applications will be on business and economics-related topics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECON 701 - Econ Analysis

**Overview****Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

701

**Course Title**

Econ Analysis

**Department(s)**

Economics

**Description**

The first course in a series of six req courses in the MS in Risk Mgmt.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECON 703 - Price and Distribution Theory

**Overview****Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

703

**Course Title**

Price and Distribution Theory

**Department(s)**

Economics

**Description**

A one-semester course in microeconomic theory.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECON 711 - Money and Capital Markets

**Overview****Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

711

**Course Title**

Money and Capital Markets

**Department(s)**

Economics

**Description**

Examination of the sources and uses of funds in financial markets; market structure of interest rates; flow-of-funds analysis.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**ECON 715 - Corporate Finance**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

715

**Course Title**

Corporate Finance

**Department(s)**

Economics

**Description**

The theory of investor and firm behavior in financial markets under uncertainty. Among the topics discussed are portfolio theory, the capital asset pricing model, arbitrage pricing theory, asset valuation theory, and optimum firm decision-making rules with regard to capital budgeting, capital structure, and dividend policy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**ECON 721 - Econometrics**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

721

**Course Title**

Econometrics

**Department(s)**

Economics

**Description**

One semester of calculus. Analysis of the classic single equation regression models (simple and multiple), simultaneous equation models, and special problems associated with time series and qualitative data.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**ECON 726 - Introduction to Operations Research**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECON

**Catalog Number**

726

**Course Title**

Introduction to Operations Research

**Department(s)**

Economics

**Description**

Methods of operations research in economic and business decision-making. Topics include linear and nonlinear programming, queuing, theory, and sensitivity analysis. Calculus recommended.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**ECP 7491 - Independent Study**

**Overview**

**Academic Institution**

QNS01

**Subject area**  
ECP

**Catalog Number**  
7491

**Course Title**  
Independent Study

**Department(s)**  
Educational and Community Programs

**Description**  
No more than 3 credits of independent study may be taken. This course may be given Pass/Fail for students in the Advanced Certificate program in Education, with permission of the chair and the respective program coordinator.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## ECP 7492 - Independent Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ECP

**Catalog Number**  
7492

**Course Title**  
Independent Study

**Department(s)**  
Educational and Community Programs

**Description**  
No more than 3 credits of independent study may be taken. This course may be given Pass/Fail for students in the Advanced Certificate program in Education, with permission of the chair and the respective program coordinator.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
2	2

## ECP 7493 - Independent Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ECP

**Catalog Number**  
7493

**Course Title**  
Independent Study

**Department(s)**  
Educational and Community Programs

**Description**  
No more than 3 credits of independent study may be taken. This course may be given Pass/Fail for students in the Advanced Certificate program in Education, with permission of the chair and the respective program coordinator.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ECP 7902 - Variable Topics: Workshop Current Issue

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ECP

**Catalog Number**  
7902

**Course Title**  
Variable Topics: Workshop Current Issue

**Department(s)**  
Educational and Community Programs

**Description**  
Course content will vary from year to year and will cover a range of issues. May be repeated for credit if topic is changed.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
2	2

## ECP 7903 - Vt:Wrkshp Curr Issue

### Overview

**Academic Institution**  
QNS01



**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ECPCE 702 - Theories of Human Development****Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

702

**Course Title**

Theories of Human Development

**Department(s)**

Educational and Community Programs

**Description**

This course is a survey of the major theories of personality, cognitive, and social-emotional development through the lifespan. It includes study of family, social and ecological factors as they interact with individual factors to facilitate development. The course emphasizes the application of developmental principles to counseling interventions.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ECPCE 703 - Lab in Counseling Techniques****Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

703

**Course Title**

Lab in Counseling Techniques

**Department(s)**

Educational and Community Programs

**Description**

Taken concurrently with ECPCE 704, this course focuses on developing basic counseling skills with individuals. Emphasis is on creating the core conditions for facilitating the counseling relationship and process, practicing the appropriate application of counseling microskills, and coordinating intervention techniques with counselor intentions for therapeutic change. Role plays, video feedback and group discussions as well as other activities will be used.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ECPCE 704 - Counseling Theories****Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

704

**Course Title**

Counseling Theories

**Department(s)**

Educational and Community Programs

**Description**

This course surveys the major theories of counseling and psychotherapy. Issues of theoretical assumptions, assessment, treatment, and outcome will be addressed as well as their application to counseling settings and specific clinical populations. Comparison of the various empirically based models of counseling will aim to derive common principles of therapeutic change.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ECPCE 705 - Seminar Practicum in Psychological Counseling with Individuals: Applications.****Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

705

**Course Title**

Seminar Practicum in Psychological Counseling with Individuals: Applications.

**Department(s)**

Educational and Community Programs

**Description**

Graded on a Pass/Fail basis only.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPCE 706 - Theories of Group Counseling

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

706

**Course Title**

Theories of Group Counseling

**Department(s)**

Educational and Community Programs

**Description**

This course will provide an overview of the major theories of group counseling with a focus on task groups, psychoeducational groups, and therapy groups. Topics will include techniques of group counseling, group dynamics, developmental stage theories, group process components, types of groups, ethical and legal considerations, leadership styles, as well as research and literature in group counseling and social systems. Experiential exercises will be used to reinforce concepts.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPCE 707 - Lab in Group Counseling Techniques

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

707

**Course Title**

Lab in Group Counseling Techniques

**Department(s)**

Educational and Community Programs

**Description**

This is an experiential course where students practice techniques of group interventions that are taught in the theory part of the course sequence. Students gain experience in developing their own leadership styles and responding to group dynamics. Topics will include techniques of co-facilitation, giving and receiving corrective feedback, and development of group session plans.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPCE 708 - Ethics, Clinical Issues, and Crisis Intervention

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

708

**Course Title**

Ethics, Clinical Issues, and Crisis Intervention

**Department(s)**

Educational and Community Programs

**Description**

This course will cover various clinical topics such as suicide assessment, crisis intervention, critical incident counseling, and grief & trauma issues as well as mental health and substance abuse assessment. Ethical codes for professional counselors will be reviewed and ethical issues will be addressed. Taken as a pre-requisite or co-requisite with counseling practicum ECPCE 729 or 721.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3



## ECPCE 721 - Practicum in Mental Health Counseling

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPCE

#### Catalog Number

721

#### Course Title

Practicum in Mental Health Counseling

#### Department(s)

Educational and Community Programs

#### Description

The focus will be on advanced skills development (through video feedback), integration of counseling theory, and applications to fieldwork sites. Supervision will involve the use of video or audio tapes. Professional counseling issues encountered in field placement will be addressed. A comprehensive case study is required as part of this course.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

4

#### Maximum Units

4

## ECPCE 7214 - Intro Fieldwork

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPCE

#### Catalog Number

7214

#### Course Title

Intro Fieldwork

#### Department(s)

Educational and Community Programs

#### Description

Intro Fieldwork

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

4

#### Maximum Units

4

## ECPCE 729 - Practicum in School Counseling

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPCE

#### Catalog Number

729

#### Course Title

Practicum in School Counseling

#### Department(s)

Educational and Community Programs

#### Description

Practicum is a field-based course during which candidates will be placed for 100 hours in a K-12 school setting. During practicum candidates will engage in activities related to the development, implementation, and evaluation of the elements of the school counseling program (60% of hours) and provide direct student services (40% of hours) with a focus on integrating theoretical concepts with advanced techniques to develop a cohesive approach to counseling. A comprehensive case study is required as part of this course. While on practicum candidates are under the supervision of a school counselor and a Queens College faculty and must attend a course on campus.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

4

#### Maximum Units

4

## ECPCE 7294 - Fieldwork In School

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPCE

#### Catalog Number

7294

#### Course Title

Fieldwork In School

#### Department(s)

Educational and Community Programs

#### Description

FIELDWORK IN SCHOOL

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**ECPCE 730 - Overview: General Introduction to Alcoholism and Substance Abuse Sequence.****Overview**Academic Institution  
QNS01Subject area  
ECPCECatalog Number  
730**Course Title**

Overview: General Introduction to Alcoholism and Substance Abuse Sequence.

**Department(s)**

Educational and Community Programs

**Description**

This course covers the etiological theories of alcoholism/substance abuse, pharmacology, process of addiction/stages of alcoholism, recovery process, and defense structures. Attention is given to special ethnic populations, treatment approaches, the counseling of individual substance abusers, and professional counselor ethics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ECPCE 731 - Family and Substance Abuse****Overview**Academic Institution  
QNS01Subject area  
ECPCECatalog Number  
731**Course Title**

Family and Substance Abuse

**Department(s)**

Educational and Community Programs

**Description**

This course covers the physiological, sociological, and psychological influences of substance abuse and the family. Attention is given to children and adult children of substance abusers and co-dependency in the family. Couples/alcoholism, domestic violence, sexual issues, and divorce are also addressed. Counseling approaches prior to and after abstinence are covered as well as cultural considerations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ECPCE 732 - Specialized Counseling Techniques for the Addictive Population: Individual and Group.****Overview**Academic Institution  
QNS01Subject area  
ECPCECatalog Number  
732**Course Title**

Specialized Counseling Techniques for the Addictive Population: Individual and Group.

**Department(s)**

Educational and Community Programs

**Description**

This course covers treatment programs and resources, self-help groups, and critical issues in early, middle, and long-term recovery. Attention is given to specialized individual and group counseling techniques, with particular emphasis, based on case material, on the techniques of supervision.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ECPCE 733 - Special Issues and Special Populations in Alcoholism/Substance Abuse.****Overview**Academic Institution  
QNS01Subject area  
ECPCECatalog Number  
733**Course Title**

Special Issues and Special Populations in Alcoholism/Substance Abuse.

**Department(s)**

Educational and Community Programs

**Description**

This course covers special issues in the treatment of substance abusers, such as spirituality, birth defects, aids, and dual diagnosis. Special populations are addressed: adolescents, women, mandated clients, and the homeless. Attention is also given to drug prevention, counselor wellness, and professional counselor ethics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPCE 800 - Career Development and Assessment

**Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

800

**Course Title**

Career Development and Assessment

**Department(s)**

Educational and Community Programs

**Description**

This course will introduce students to the theories and practice of career counseling throughout the lifespan, the administration and interpretation of selected inventories, available career resources, and the ethical and practice standards in the field. As part of this course, issues related to working with diverse populations, (gender, race, culture and sexual orientation) will be explored. Field-based hours outside the classroom are required to administer career assessment instruments.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPCE 802 - Clinical and Contextual Issues in School Counseling

**Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

802

**Course Title**

Clinical and Contextual Issues in School Counseling

**Department(s)**

Educational and Community Programs

**Description**

This course involves the study of clinical and contextual issues in school counseling including depression, substance abuse, suicide, violence in school and communities, psychological trauma, crisis intervention, and ethics as they relate to educational settings. Particular emphasis is given to issues related to linguistically diverse learners, immigrants, and special needs students. The course will also explore effective counseling strategies and resources in the community. Candidates seeking the Bilingual Extension in SC will complete required assignments with a focus on linguistically diverse learners/bilingual education.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPCE 803 - Multicultural Issues in Counseling.

**Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

803

**Course Title**

Multicultural Issues in Counseling.

**Department(s)**

Educational and Community Programs

**Description**

This course will introduce students to issues of diversity within the counseling process and society as a whole. As part of this course, students will examine issues related to race, culture, ethnicity, gender, sexual orientation, religion, socioeconomic class, and power. Students will be introduced to ethical and practice standards in the field as they relate to working with the culturally diverse client. A significant aspect of this course is to assist the emerging counselor in developing a deeper self awareness as an individual and a professional particularly as it relates to issues of diversity, and the impact of these issues on professional roles.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPCE 804 - Assessment Methods in Counseling.

**Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

804

**Course Title**

Assessment Methods in Counseling.

**Department(s)**

Educational and Community Programs

**Description**

This course covers the concepts, principles, and theoretical foundations of psychological and educational measurement. It surveys individual cognitive, personality, and educational measures as well as couples, family and group assessment instruments. Consideration is given to ethical practice and to factors of culture, gender, language, ethnicity, age, disability, and examiner bias in the administration and interpretation of tests.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPCE 805 - Assessment Methods in School Counseling

**Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

805

**Course Title**

Assessment Methods in School Counseling

**Department(s)**

Educational and Community Programs

**Description**

This course covers the principles of assessment methods used in school counseling. There will be a review of basic statistical concepts and educational measurement. The course will survey cognitive, personality, career and educational tests. Assessment and evaluation methods specific to education and to school counseling will be covered. Ecological assessment and program evaluation will be addressed. Critical issues will include factors of culture, gender, linguistic diversity, ethnicity, age, disability, and examiner bias. Candidates seeking the Bilingual Extension in SC will complete required assignments with a focus on linguistically diverse learners.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPCE 806 - Administration and Organization of School Counseling Programs.

**Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

806

**Course Title**

Administration and Organization of School Counseling Programs.

**Department(s)**

Educational and Community Programs

**Description**

This course covers the role and function of the counselor in school settings; the study of school structure, policies, and procedures; the development, implementation, and evaluation of counseling and guidance services; issues in consultation, administration, and systemic interventions. The first part of the course describes the regulations and laws that govern student support services. The second portion of the course deals with the New York State Comprehensive Counseling Program" and the best practices for providing and evaluating complete multi-tiered programs with diverse student populations to include: Special Education and linguistically diverse students. Dispersed throughout the course, candidates will see how the use of technology and its application assists the counselor with routine clerical work, record keeping and data driven decisions. Candidates seeking the Bilingual Extension in SC will complete required assignments with a focus on linguistically diverse learners/bilingual education.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## ECPCE 807 - Research Methods in Counseling

### Overview

Academic Institution  
QNS01

Subject area  
ECPCE

Catalog Number  
807

Course Title  
Research Methods in Counseling

Department(s)  
Educational and Community Programs

**Description**  
This course surveys methods of research designs used in psychological, educational, and counseling research and program evaluation. The goals of the course are for the candidates to develop a foundation in empirical research to become critical consumers of studies in the counseling literature. Candidates work with the instructor to develop a research project in the candidate's area of specialization or are involved in direct research activities. Candidates seeking the Bilingual Extension in SC will complete required assignments with a focus on linguistically diverse learners/bilingual education. Ethical considerations, application of research skills to counseling activities, and use of data for program development will also be discussed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## ECPCE 808 - Child and Adolescent Counseling

### Overview

Academic Institution  
QNS01

Subject area  
ECPCE

Catalog Number  
808

Course Title  
Child and Adolescent Counseling

Department(s)  
Educational and Community Programs

**Description**  
This course will focus on the methods, techniques and issues of counseling children and adolescents. General considerations of developmental stages, family dynamics, school environment and the therapeutic relationship will be discussed. The etiology and assessment of common childhood disorders and empirically

supported treatment will be reviewed. Cognitive-behavioral, pharmacological, educational, and ecological interventions will be addressed as well as issues of prevention and community resources.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## ECPCE 809 - Learning and Motivation in School Counseling.

### Overview

Academic Institution  
QNS01

Subject area  
ECPCE

Catalog Number  
809

Course Title  
Learning and Motivation in School Counseling.

Department(s)  
Educational and Community Programs

**Description**  
This course will cover major theories of learning and motivation as they apply to school counseling settings. Principles of attribution, self-efficacy, goal setting, conditioning and information processing will be applied to student achievement and academic development as well as to the counseling experience as a type of learning process. Emphasis will be placed on the role of the counselor as a consultant to teachers, in support services for students with learning and motivation difficulties, and in psychoeducational and ecological interventions. The course is designed for the graduate students to experience their own learning and motivational processes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## ECPCE 810 - College and Career Readiness in K-12 Schools

### Overview

Academic Institution  
QNS01

**Subject area**  
ECPCE

**Catalog Number**  
810

**Course Title**  
College and Career Readiness in K-12 Schools

**Department(s)**  
Educational and Community Programs

**Description**  
This course is an introduction and overview to college and career readiness from a holistic and developmental perspective for students in the K-12 setting. Working within a developmental and social justice framework participants will: learn about developmentally appropriate academic and personal needs of students as they transition from elementary through high school; learn about strategies and interventions to facilitate students' college career readiness at the elementary, middle and secondary school level; learn about and utilize informational resources needed to assist students with secondary transition planning (included but not limited to identifying postsecondary options, the college application and admissions process, sources of financial assistance); and learn about strategies for working collaboratively with teachers, administrators, parents and other key stakeholders in facilitating student college and career readiness and postsecondary transition. This course will include information and strategies for working with special populations (e.g., undocumented students, ELLs, LGBT, and students with disabilities) on the postsecondary transition planning process.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## ECPCE 811 - Mental Health Counseling

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ECPCE

**Catalog Number**  
811

**Course Title**  
Mental Health Counseling

**Department(s)**  
Educational and Community Programs

**Description**  
This foundation course surveys the role of mental health counselors on the state and national level. Topics will include requirements for licensing, history of the discipline, supervision, consultation, community issues, prevention, and legal/ethical issues. This course is required for students in the mental health program.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## ECPCE 812 - Psychopathology and Diagnosis in Mental Health Counseling.

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ECPCE

**Catalog Number**  
812

**Course Title**  
Psychopathology and Diagnosis in Mental Health Counseling.

**Department(s)**  
Educational and Community Programs

**Description**  
This course covers the DSM classification system of mental disorders and focuses on the etiology, developmental pathways, assessment and treatment of various psychopathologies. Psychopharmacology and other treatment approaches will be addressed as well as the role of the mental health counselor. This course is required for the Mental Health program.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## ECPCE 813 - Family Dynamics

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ECPCE

**Catalog Number**  
813

**Course Title**  
Family Dynamics

**Department(s)**  
Educational and Community Programs

**Description**  
In this course the main stages of the family life cycle are studied as a means of understanding the family as a system of human relationships. Developmental stages, family rituals, family crises, and other variables affecting family development are examined. The purpose of this course is to enable students to assess family systems, to develop knowledge of current family life demographics, and to gain an understanding of marriage and family styles, symptomatology, and counseling techniques.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**ECPCE 814 - Seminar in Advanced Applications of Psychological Theories.**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

814

**Course Title**

Seminar in Advanced Applications of Psychological Theories.

**Department(s)**

Educational and Community Programs

**Description**

This course entails an in-depth study of specific counseling approaches and their use with various client populations. Case studies will provide a focus for analysis. Students are required to conduct literature reviews and to make presentations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**ECPCE 815 - Career Development and Assessment in School Settings**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

815

**Course Title**

Career Development and Assessment in School Settings

**Department(s)**

Educational and Community Programs

**Description**

This course will introduce candidates to the theory and practice of career counseling, the administration and interpretation of selected inventories, the career counseling process, available career resources, and the ethical and practice standards related to career counseling in school settings. Particular focus will be placed on the career development process of students in grades K-12 and the school counselor's role in providing developmentally appropriate career development services. As part of this course, issues related to working with diverse populations, (gender, race, culture, ability, and sexual orientation) will be explored.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**ECPCE 818 - Special Topics in Counseling.**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

818

**Course Title**

Special Topics in Counseling.

**Department(s)**

Educational and Community Programs

**Description**

A course with changing content relating to topics of current relevance to the field of counseling.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**ECPCE 8211 - Internship in Mental Health Counseling**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

8211

**Course Title**

Internship in Mental Health Counseling

**Department(s)**

Educational and Community Programs

**Description**

May be repeated for credit. Students will be placed for 75 to 300 hours per semester in a hospital, clinic, or agency under supervision of a field clinician and Queens College faculty. Graded on a Pass/Fail basis only.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## ECPCE 8212 - Internship in Mental Health Counseling

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

8212

**Course Title**

Internship in Mental Health Counseling

**Department(s)**

Educational and Community Programs

**Description**

May be repeated for credit. Students will be placed for 75 to 300 hours per semester in a hospital, clinic, or agency under supervision of a field clinician and Queens College faculty. Graded on a Pass/Fail basis only.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## ECPCE 8213 - Internship in Mental Health Counseling

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

8213

**Course Title**

Internship in Mental Health Counseling

**Department(s)**

Educational and Community Programs

**Description**

May be repeated for credit. Students will be placed for 75 to 300 hours per semester in a hospital, clinic, or agency under supervision of a field clinician and Queens College faculty. Graded on a Pass/Fail basis only.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPCE 8214 - Internship in Mental Health Counseling

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

8214

**Course Title**

Internship in Mental Health Counseling

**Department(s)**

Educational and Community Programs

**Description**

May be repeated for credit. Students will be placed for 75 to 300 hours per semester in a hospital, clinic, or agency under supervision of a field clinician and Queens College faculty. Graded on a Pass/Fail basis only.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4



## ECPCE 8291 - Internship in School Counseling

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPCE

#### Catalog Number

8291

#### Course Title

Internship in School Counseling

#### Department(s)

Educational and Community Programs

#### Description

Internship is a field-based course during which candidates will be placed for 75 to 300 hours per semester in a K-8 or 9-12 school setting. During the program, candidates are required to complete at least 300 hours in a K- 8 school setting and at least 300 hours in a 9-12 school setting. While on internship candidates will engage in activities related to the development, implementation, and evaluation of the elements of the school counseling program (60% of hours) and provide direct student services (40% of hours). A case study is required as part of this course. During internship candidates are under supervision of a school counselor and Queens College faculty and must attend a course on campus. Graded on a Pass/Fail basis only.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

1

#### Maximum Units

1

## ECPCE 8292 - Internship in School Counseling.

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPCE

#### Catalog Number

8292

#### Course Title

Internship in School Counseling.

#### Department(s)

Educational and Community Programs

#### Description

Internship is a field-based course during which candidates will be placed for 75 to 300 hours per semester in a K-8 or 9-12 school setting. During the program, candidates are required to complete at least 300 hours in a K- 8 school setting and at least 300 hours in a 9-12 school setting. While on internship candidates will engage in activities related to the development, implementation, and evaluation of the elements of the school counseling program (60% of hours) and provide direct student services (40% of hours). A case study is required as part of this course. During internship candidates are under supervision of a school counselor and Queens College faculty and must attend a course on campus. Graded on a Pass/Fail basis only.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

2

#### Maximum Units

2

## ECPCE 8293 - Internship in School Counseling

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPCE

#### Catalog Number

8293

#### Course Title

Internship in School Counseling

#### Department(s)

Educational and Community Programs

#### Description

Internship is a field-based course during which candidates will be placed for 75 to 300 hours per semester in a K-8 or 9-12 school setting. During the program, candidates are required to complete at least 300 hours in a K- 8 school setting and at least 300 hours in a 9-12 school setting. While on internship candidates will engage in activities related to the development, implementation, and evaluation of the elements of the school counseling program (60% of hours) and provide direct student services (40% of hours). A case study is required as part of this course. During internship candidates are under supervision of a school counselor and Queens College faculty and must attend a course on campus. Graded on a Pass/Fail basis only.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ECPCE 8294 - Internship in School Counseling

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPCE

#### Catalog Number

8294

#### Course Title

Internship in School Counseling

**Department(s)**

Educational and Community Programs

**Description**

Internship is a field-based course during which candidates will be placed for 75 to 300 hours per semester in a K-8 or 9-12 school setting. During the program, candidates are required to complete at least 300 hours in a K- 8 school setting and at least 300 hours in a 9-12 school setting. While on internship candidates will engage in activities related to the development, implementation, and evaluation of the elements of the school counseling program (60% of hours) and provide direct student services (40% of hours). A case study is required as part of this course. During internship candidates are under supervision of a school counselor and Queens College faculty and must attend a course on campus. Graded on a Pass/Fail basis only.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## ECPCE 834 - Advanced Course in Family Education: Parenting Models.

**Overview****Academic Institution**

QNS01

**Subject area**

ECPCE

**Catalog Number**

834

**Course Title**

Advanced Course in Family Education: Parenting Models.

**Department(s)**

Educational and Community Programs

**Description**

Exploration of models of effective parenting in single, multiple, and blended families.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPEL 701 - Seminar in Organizational Leadership Change

**Overview****Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

701

**Course Title**

Seminar in Organizational Leadership Change

**Department(s)**

Educational and Community Programs

**Description**

The challenges of improving educational organizations have driven the distribution of leadership responsibilities across a broad array of roles within and beyond the schools. These roles include lead teacher, content area specialist, facilitators, coaches, department chairs, principals, assistant principals, community/parent liaisons, central office administrators and staff, and school board members. The purpose of this course is to coach educational leaders to function as agents of change; understand the make-up of school as organization to diagnose problems, to motivate commitment to improvement, to devise and implement plans for improvement, and monitor and adapt those plans in response to policy-defined constraints and expectations. Acting as agents of organizational change requires that educational leaders develop a repertoire of concepts and knowledge about organizations in general and educational organizations in particular. The repertoire amounts to a foundation for diagnosing organizational problems and devising and enacting solutions

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPEL 880 - Leadership Theory and Practice.

**Overview****Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

880

**Course Title**

Leadership Theory and Practice.

**Department(s)**

Educational and Community Programs

**Description**

Administrative theory and research. Theoretical approaches to the study of organization behavior; the nature of organizations; systems analyses; research concerned with change in systems and groups.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPEL 881 - Curriculum and Supervision.

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

881

**Course Title**

Curriculum and Supervision.

**Department(s)**

Educational and Community Programs

**Description**

An examination of the trends and issues in the school curriculum with emphasis on the development of theoretical bases for the making of curriculum decisions. A critical examination of the literature on supervision in education and related fields. Current practices will be appraised in relation to the teaching/learning process.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPEL 882 - School Finance

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

882

**Course Title**

School Finance

**Department(s)**

Educational and Community Programs

**Description**

An examination of school finance and budgeting practices in public elementary and secondary schools in New York state. Current practices of data-driven decision-making by school leaders will be discussed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPEL 883 - Human Relations for the Educational Leader.

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

883

**Course Title**

Human Relations for the Educational Leader.

**Department(s)**

Educational and Community Programs

**Description**

Study of the variety of supervisory and administrative relationships. Fields of psychology, social psychology, sociology, and education will be drawn upon to develop an understanding of human behavior and methods of working with others.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPEL 884 - Data For School Planning

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

884

**Course Title**

Data For School Planning

**Department(s)**

Educational and Community Programs

**Description**

This course prepares prospective school administrators to use data as a tool to examine school issues and develop improvement plans. The course teaches the processes of data analysis, collection and management, and then requires participants to develop a School Improvement Plan for a real school striving to reverse a pattern of declining school achievement. The focus is on helping participants work collaboratively to evaluate a wide range of data sources so they can initiate thoughtful plans and recommendations based on data review.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPEL 885 - Legal Problems in Public Education: Political and Economic Implications.

**Overview****Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

885

**Course Title**

Legal Problems in Public Education: Political and Economic Implications.

**Department(s)**

Educational and Community Programs

**Description**

Current and historic law in public education. Will inform students of basic legal principles as they affect public schools in general; in particular, students will study such areas as freedom of speech, student rights, search and seizure, torts, teacher rights, religion in the public schools, and constitutional due process.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPEL 886 - Management of Teaching and Learning for Administrators

**Overview****Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

886

**Course Title**

Management of Teaching and Learning for Administrators

**Department(s)**

Educational and Community Programs

**Description**

This course will include an analysis of teaching strategies and of the learning patterns of individual students. A review of the research will be followed by practical applications in the classroom. Assessment instruments, observation forms, and counseling techniques designed for the improvement of instruction and staff development will be studied and evaluated. Teaching and learning style models will be emphasized. Applications for future administrators will be covered. Instructional environments, teaching strategies, learning materials, homework patterns, and classroom management techniques will be described and implemented.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPEL 887 - Technology for School Leaders

**Overview****Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

887

**Course Title**

Technology for School Leaders

**Department(s)**

Educational and Community Programs

**Description**

An introduction to basic programming plus applications of computers to instruction and in school management.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3



process that is school and classroom-based and tied to professional development. Practitioner-researchers are most capable of generating new knowledge about teaching practice through this inquiry process.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

**ECPEL 893 - School District Organization, Supervision and Administration.**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

893

**Course Title**

School District Organization, Supervision and Administration.

**Department(s)**

Educational and Community Programs

**Description**

This course prepares School District Leaders including Superintendent of Schools, Assistant Superintendent, District Coordinator, Supervisor, Director, and other positions at the district/central office level in the complex functions of those offices to serve schools in diverse urban and suburban settings. This course is designed to meet the Interstate School Leaders Licensure Consortium (ISLLC) standards 1, 2, 3, 4 and 6 and the appropriate National Council for Accreditation of Teacher Education (NCATE) standards.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

**ECPEL 894 - Supervisory Practicum**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPEL

**Catalog Number**

894

**Course Title**

Supervisory Practicum

**Department(s)**

Educational and Community Programs

**Description**

Advanced courses in supervision for students preparing for school leadership roles. Students will observe, facilitate, consult, and supervise first-year students under close supervision of faculty. Theoretical concepts are used to analyze small group interactions and supervisory conferences. These experiences provide the framework for individual instruction in the leadership of small groups.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

**ECPSE 550 - Foundations of Special Education**

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

550

**Course Title**

Foundations of Special Education

**Department(s)**

Educational and Community Programs

**Description**

ECPSE 550 prepares non-special education teacher education candidates with the knowledge, skills, and dispositions necessary to provide instruction that will promote the participation and progress of students with disabilities in the general education curriculum and prepares candidates with competencies to work collaboratively with colleagues. Teacher education candidates across certification areas and age-ranges are exposed to research-validated professional practice that result in the creation of effective instructional environments for all students, with specific focus on those students who are classified for special education services and supports with mild, moderate, and severe disabilities. The historical and sociological treatment of people with disabilities, special education law, adapting curriculum and instruction, understanding Individualized Education Programs (IEPs), participating in IEP meetings, and advocacy and collaboration are also addressed. Candidates are provided with multiple opportunities to engage in reflective practice regarding the implications of course content to their specific educational disciplines in terms of personalizing instruction and building classroom communities that support the full diversity of learners. Fifteen hours of fieldwork focusing on meeting the needs of students with disabilities within candidates' certification area or age-range are required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## ECPSE 577 - Clinical Residency I

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ECPSE	577

**Course Title**  
Clinical Residency I

**Department(s)**  
Educational and Community Programs

**Description**  
ECPSE 577: Clinical Residency I, is the first of three intensive clinical residencies. In this first clinical residency, residents will have multiple, scaffolded opportunities to apply what they are learning in their college course work in secondary (i.e., grades 7-12) classrooms including students with or at-risk for disabilities as they endeavor to create safe and culturally sustaining learning environments that inspire critical engagement. Residents will reflect on and revise their teaching practice in authentic, diverse, urban teaching situations. Residents will be provided with significant support from both faculty and mentor teachers so that by the end of the semester, residents are well on their way to developing and demonstrating knowledge, skills, and professional dispositions in fundamental aspects of pedagogy that are consistent with research-validated, discipline specific, best-practices for promoting student learning and well-being. ECPSE 577 is the first of three semesters of clinical residency for Graduate Programs in Special Education (GPSE) residents in the secondary special education level Transitional B MAT clinical residency programs (see also ECPSE 578—Clinical Residency II and ECPSE 579—Clinical Residency III), which will provide a vehicle for a highly structured clinical experience and capitalize on the opportunity for applying and reflecting on strategies, theories, and practices learned in college coursework through the resident's daily work with the mentor in the hostschool.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## ECPSE 578 - Clinical Residency II

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ECPSE	578

**Course Title**  
Clinical Residency II

**Department(s)**  
Educational and Community Programs

**Description**  
ECPSE 578: Clinical Residency II, is the second of three intensive clinical residencies. In this second clinical residency, residents will have multiple, scaffolded opportunities to apply what they are learning in their college course work in secondary (i.e., grades 7-12) classrooms including students with or at-risk for disabilities as they endeavor to create safe and culturally sustaining learning environments that inspire critical engagement. residents will reflect on and revise their teaching practice in authentic, diverse, urban teaching situations. residents will be provided with significant support from both faculty and mentor teachers so that by the end of the semester, residents are well on their way to developing and demonstrating knowledge, skills, and professional dispositions in fundamental aspects of pedagogy that are consistent with research-validated, discipline specific, best-practices for promoting student learning and well-being.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## ECPSE 579 - Clinical Residency III

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ECPSE	579

**Course Title**  
Clinical Residency III

**Department(s)**  
Educational and Community Programs

**Description**  
ECPSE 579 Clinical Residency III, is the last of three intensive clinical residencies. In this clinical residency, residents will have multiple, scaffolded opportunities to apply what they are learning in their college course work in secondary (i.e., grades 7-12) classrooms including students with or at-risk for disabilities as they endeavor to create safe and culturally sustaining learning environments that inspire critical engagement. residents will reflect on and revise their teaching practice in authentic, diverse, urban teaching situations. residents will be provided with significant support from both faculty and mentor teachers so that by the end of the semester, residents are well on their way to developing and demonstrating knowledge, skills, and professional dispositions in fundamental aspects of pedagogy that are consistent with research-validated, discipline specific, best-practices for promoting student learning and well-being.

**Academic Career**  
Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 700 - Foundations of Special Education

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

700

**Course Title**

Foundations of Special Education

**Department(s)**

Educational and Community Programs

**Description**

Education and psychology in special education are stressed with emphasis on developing a broad background of knowledge about students with various disabilities and strategies for creating access to the general education curriculum. The historical and sociological treatment of people with disabilities, special education law and programs, advocacy and collaboration, and building classroom communities that support the full diversity of learners are also addressed. Twenty hours of fieldwork focusing on special education programs is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 701 - Introduction to Assessment in Early Childhood Special Education

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

701

**Course Title**

Introduction to Assessment in Early Childhood Special Education

**Department(s)**

Educational and Community Programs

**Description**

The purpose of this course is to prepare early childhood special education teachers to engage in reflective decision-making and research-validated professional practice that will result in the creation of effective instructional programs for all students including those students who are classified for special education services and supports with mild, moderate, and severe disabilities. The emphasis is on familiarizing candidates with a wide range of assessment approaches and instruments, providing them with knowledge, skills and dispositions associated with the application of assessment information in individual student and program evaluation, as well as, to classroom and curriculum planning. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 702 - Introduction to Assessment in Childhood Special Education

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

702

**Course Title**

Introduction to Assessment in Childhood Special Education

**Department(s)**

Educational and Community Programs

**Description**

The purpose of this course is to prepare childhood special education teachers to engage in reflective decision-making and research-validated professional practice that will result in the creation of effective instructional programs for all students including those students who are classified for special education services and supports with mild, moderate, and severe disabilities. The emphasis is on familiarizing candidates with a wide range of assessment approaches and instruments, providing them with knowledge, skills and dispositions associated with the application of assessment information in individual student and program evaluation, as well as, to classroom and curriculum planning.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3



## ECPSE 703 - Introduction to Assessment in Adolescent Special Education

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPSE

#### Catalog Number

703

#### Course Title

Introduction to Assessment in Adolescent Special Education

#### Department(s)

Educational and Community Programs

#### Description

The purpose of this course is to prepare secondary special education teachers to engage in reflective decision-making and research-validated professional practice that will result in the creation of effective instructional programs for all students including those students who are classified for special education services and supports with mild, moderate, and severe disabilities. The emphasis is on familiarizing candidates with a wide range of assessment approaches and instruments, providing them with knowledge, skills and dispositions associated with the application of assessment information in individual student and program evaluation, as well as, to classroom and curriculum planning.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ECPSE 705 - Introduction to Assessment in Special Education

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPSE

#### Catalog Number

705

#### Course Title

Introduction to Assessment in Special Education

#### Department(s)

Educational and Community Programs

#### Description

The purpose of this course is to prepare special education teachers across all age range certifications to engage in reflective decision-making and research-validated professional practice that will result in the creation of effective instructional programs for all students including those students who are classified for special education services and supports with mild, moderate, and severe disabilities. The emphasis is on familiarizing candidates with a wide range of assessment approaches and instruments, providing them with knowledge, skills and dispositions associated with the application of assessment information in individual student and program evaluation, as well as, to classroom and curriculum planning.??

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ECPSE 708 - Collaboration with Families and School-Based Teams

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPSE

#### Catalog Number

708

#### Course Title

Collaboration with Families and School-Based Teams

#### Department(s)

Educational and Community Programs

#### Description

This course offers intensive practical exposure to theory, research, and exemplary practice in collaborative process and team development, with particular emphasis on working with families and multiple school and community partners. Candidates examine specific practices to enhance cross-disciplinary, cross-cultural, and cross-constituent partnerships within inclusive school, community, and other settings. Candidates will apply knowledge to students with mild, moderate, and severe disabilities. Through active and guided participation, candidates acquire enhanced communication, problem-solving, facilitation and leadership skills necessary to develop integrated special education and related services. Co-teaching with another teacher or related service professional is a required field-based assignment.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ECPSE 709 - Collaboration and Co-Teaching in Inclusive Education

### Overview

#### Academic Institution

QNS01

**Subject area**  
ECPSE

**Catalog Number**  
709

**Course Title**  
Collaboration and Co-Teaching in Inclusive Education

**Department(s)**  
Educational and Community Programs

**Description**  
Candidates will complete one of two culminating assignments using collaboration skills to demonstrate their expertise in general and special education assessment, content knowledge and skills, pedagogical knowledge and skills and evidence-based instructional strategies to co-plan, co-teach and co-reflect on a unit of study designed to meet the needs of all learners. Candidates will learn the theory, research and exemplary practices in collaboration and co-teaching (through coursework and instructor modeling). Through guided practices with faculty in general and special education, candidates will utilize collaboration best practices to co-plan and co-teach data-based instructional plans using a best fit coteaching model to provide access to the general education curriculum based on the social, emotional, behavioral and academic needs of all learners. Specifically, candidates will learn and engage in collaborative process, team development and co-teaching in an environment with a diverse study body including students with disabilities or struggling learners. Emphasis is placed on working effectively with families, schools and community partners, in particular those from culturally and linguistically diverse backgrounds. Candidates examine specific practices to enhance cross-disciplinary, cross-cultural, and cross-constituent partnerships within inclusive school, community, and other settings. Through active and guided participation, candidates will refine various reflection, communication, problem solving, facilitation and leadership skills necessary to develop integrated special education and related services. Lectures, readings, and in class activities utilize face-to-face and web-enhanced strategies to maximize candidates' application to classroom and other school settings.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ECPSE 710 - Curriculum and Instruction for Childhood Special Education

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ECPSE	710

**Course Title**  
Curriculum and Instruction for Childhood Special Education

**Department(s)**  
Educational and Community Programs

**Description**  
Theory and research about children with mild, moderate, and severe disabilities at the childhood level (grades 1-6) and exemplary practices in informal assessment, curriculum design, adaptations, effective instruction, and supportive learning environments, with additional focus on the use of instructional and assistive

technology. Field experience of at least 15 hours involves program candidates in assessment, curriculum adaptations, and teaching a small group of children who exhibit learning problems. Reflection on practice involves an analysis of learning and behavior change.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ECPSE 711 - Advanced Seminar in Childhood Special Education

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ECPSE	711

**Course Title**  
Advanced Seminar in Childhood Special Education

**Department(s)**  
Educational and Community Programs

**Description**  
This advanced seminar will explore critical issues related to assessment, curriculum, instruction, and research-validated best practices in childhood special education for students with mild, moderate, and severe disabilities. This advanced seminar will focus critically on the core values of the Queens College Education Division related to promoting Equity, Excellence, and Ethics in urban schools and communities.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ECPSE 712 - Language and Literacy: Principles and Practices in Early Childhood Special Education

### Overview

**Academic Institution**  
QNS01

**Subject area**

ECPSE

**Catalog Number**

712

**Permission Type**

No Special Consent Required

**Course Title**

Language and Literacy: Principles and Practices in Early Childhood Special Education

**Department(s)**

Educational and Community Programs

**Description**

This course examines developmental and pedagogical principles of language and literacy development and explores best-practices in curriculum and instruction for promoting language and literacy skill acquisition. Specifically, techniques and strategies are presented for addressing the diverse language and literacy needs of students with disabilities, English Language Learners, and students at risk for school failure at the early childhood level. Candidates will also examine reading and writing levels, formative evaluation strategies, motivational influences, and individual and group strategies for supporting language and literacy skill development.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 713 - Language and Literacy: Principles and Practices in Childhood Special Education

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

713

**Course Title**

Language and Literacy: Principles and Practices in Childhood Special Education

**Department(s)**

Educational and Community Programs

**Description**

This course examines developmental and pedagogical principles of language and literacy development and explores best-practices in curriculum and instruction for promoting language and literacy skill acquisition. Specifically, techniques and strategies are presented for addressing the diverse language and literacy needs of students with disabilities, English Language Learners, and students at risk for school failure at the childhood level. Candidates will also examine reading and writing levels, formative evaluation strategies, motivational influences, and individual and group strategies for supporting language and literacy skill development.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 714 - Language and Literacy: Principles and Practices in Adolescent Special Education

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

714

**Course Title**

Language and Literacy: Principles and Practices in Adolescent Special Education

**Department(s)**

Educational and Community Programs

**Description**

This course examines developmental and pedagogical principles of language and literacy development and explores best-practices in curriculum and instruction for promoting language and literacy skill acquisition. Specifically, techniques and strategies are presented for addressing the diverse language and literacy needs of students with disabilities, English Language Learners, and students at risk for school failure at the secondary level. Candidates will also examine reading and writing levels, formative evaluation strategies, motivational influences, and individual and group strategies for supporting language and literacy skill development.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 716 - Curriculum and Instruction in Special Education I

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

716

**Course Title**

Curriculum and Instruction in Special Education I

**Department(s)**

Educational and Community Programs

**Description**

Theory and research about current exemplary practices in informal assessment, curriculum design and adaptations, instruction, supportive learning environments, assistive/instructional technology, standards-based instruction, and inclusion are explored within the context of urban public education and special education? attempt to fulfill the promise of IDEIA for students with disabilities. Political, technological, and societal changes and advances in promoting inclusion, access, and meaningful participation in the general education curriculum are also discussed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 717 - Curriculum and Instruction for Special Education II

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

717

**Course Title**

Curriculum and Instruction for Special Education II

**Department(s)**

Educational and Community Programs

**Description**

Teaching and learning strategies are taught within the context of the general education curriculum to individualize instruction and maximize grade-level content mastery for all learners. Candidates adapt and teach a curriculum unit grounded in the New York State Learning Standards and Common Core State Standards designed to meet the individual needs of students with disabilities by modifying instruction, employing metacognitive, task-specific learning strategies, and utilizing instructional technology. Field experience of at least 15 hours involves candidates in adapting a thematic unit for students with learning difficulties and embedding learning strategies within unit lessons.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 720 - Trends and Issues in the Education of Learners with Severe Disabilities

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

720

**Course Title**

Trends and Issues in the Education of Learners with Severe Disabilities

**Department(s)**

Educational and Community Programs

**Description**

This course examines developmental and pedagogical principles of language and literacy development and explores best-practices in curriculum and instruction for promoting language and literacy skill acquisition. Specifically, techniques and strategies are presented for addressing the diverse language and literacy needs of students with disabilities, English Language Learners, and students at risk for school failure across developmental levels (i.e., at the early childhood, childhood, and adolescent levels). Candidates will also examine reading and writing levels, formative evaluation strategies, motivational influences, and individual and group strategies for supporting language and literacy skill development.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 722 - Applied Behavior Analysis and Positive Behavioral Supports

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

722

**Course Title**

Applied Behavior Analysis and Positive Behavioral Supports

**Department(s)**

Educational and Community Programs

**Description**

Program candidates will learn and examine environmental influences on student behavior. Additionally, candidates will learn about assessment of behavior problems, various educative and positive behavioral strategies, and the use of single subject designs to evaluate behavior change in applied settings for students with mild, moderate and severe disabilities. Field experiences of about 5 hours involve candidates in measurement and analysis of student behavior.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 723 - Applied Behavior Analysis I: Basic Concepts and Principles of Reinforcement

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

723

**Course Title**

Applied Behavior Analysis I: Basic Concepts and Principles of Reinforcement

**Department(s)**

Educational and Community Programs

**Description**

This course is specifically designed for candidates who have been accepted into the BCBA Track program in the Graduate Programs in Special Education (GPSE). Candidates in this course learn the foundational concepts and principles of Applied Behavior Analysis. This course provides the conceptual underpinnings of the behavior analytic principles rooted in the seven dimensions of ABA: Applied, Behavioral, Analytic, Conceptually Systematic, Effective, Technological, and Generality. Major thematic focuses of this course include the relationship between human behavior and the environment, the difference between respondent and operant behavior, functional analysis technology, principles of reinforcement, and extinction. In addition to the conceptual underpinning, candidates learn skills to be effective practitioners in the field of ABA. These skills include selecting, defining, and measuring human behaviors, as well as, programming for behavior change using different reinforcement strategies, and utilizing behavioral assessment techniques to determine programmatic gains. Course content is delivered via weekly, interactive lectures and learning is assessed through comprehensive assignments and exams. All course content is aligned with the Behavior Analytic Certification Board's (BACB) fourth edition task list.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 725 - Internship in Severe Disabilities: Adolescent Special Education

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

725

**Course Title**

Internship in Severe Disabilities: Adolescent Special Education

**Department(s)**

Educational and Community Programs

**Description**

Supervised teaching of students with severe disabilities within a candidate's certification area with a focus on students on the autism spectrum. Candidates will be placed in a classroom with students with intensive support needs, where they will be provided the opportunity and guidance to participate in application of theories and practices discussed in prerequisite courses. Clinical component consists of full-time participation and teaching for the entire semester. Seminars supplement the clinical experience. Candidates in the Adolescent MSED program must fulfill all of their outstanding undergraduate prerequisites before registering for ECPSE 725.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## ECPSE 726 - Practicum in Significant Disabilities

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

726

**Course Title**

Practicum in Significant Disabilities

**Department(s)**

Educational and Community Programs

**Description**

This field-based course is designed to provide candidates in the Masters of Arts Teaching (MAT) Dual Certification Program (non-BCBA candidates) with individualized supervision and group seminars focused on educating students with severe intellectual disabilities, including students on the autism spectrum. This course offers an integrated approach to teaching which combines both knowledge and practice into a meaningful and comprehensive context. Each candidate is placed in a setting with an experienced teacher of special education and will participate in all classroom activities as assigned by the supervising teacher, the school, and college professors. Faculty will observe the candidate teaching lessons, a minimum of three times over the course of the semester. This course is designed

to offer candidates an advanced study of curriculum and instruction for children with severe disabilities within the context of a hands-on internship experience. This course will guide each candidate to explore the curriculum development process, instructional methodology, and approaches to evaluation regarding students with severe disabilities. This course is paired with ECPSE 720: Trends and Issues in the Education of Learners with Severe Disabilities. Candidates will apply practices studied in ECPSE 720 into their ECPSE 726 lesson plans and project assignment.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSE 728 - Applied Behavior Analysis II: Advanced Concepts and Treatment Strategies

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

728

**Course Title**

Applied Behavior Analysis II: Advanced Concepts and Treatment Strategies

**Department(s)**

Educational and Community Programs

**Description**

This course in applied behavior analysis is offered to graduate students in special education who are also pursuing a Board Certified Behavior Analyst (BCBA) certification. Candidates who take this course must be admitted into the BCBA track and successfully complete ECPSE 723. Applied Behavior Analysis I: Basic Concepts and Principles of Reinforcement. This course focuses on enhancing candidates' knowledge, skills, and dispositions related to applied behavior analysis grounded in the Fourth Edition Task List established by the Behavior Analyst Certification Board. This task list includes; Section I: Basic Behavior-Analytic Skills; Section II: Client-Centered Responsibilities; Section III: Foundational Knowledge Accompanying the BACB Fourth Edition Task List.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSE 729 - Ethics and Professionalism in Applied Behavior Analysis

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

729

**Course Title**

Ethics and Professionalism in Applied Behavior Analysis

**Department(s)**

Educational and Community Programs

**Description**

This course is offered to graduate students in special education who are also interested in pursuing their Board Certified Behavior Analyst (BCBA) certification. Candidates who take this course must have already successfully completed ECPSE 722 Applied Behavior Analysis and Positive Behavior Supports and ECPSE 728 Advanced Seminar in Applied Behavior Analysis. This course prepares candidates for the ethical and professional practice of applied behavior analysis. Topics included in this course include professional representation of oneself and the field of behavior analysis, dissemination of professional values, evaluating behavior change, collaborating with other professionals, relationships with students, family members and colleagues and the Behavior Analyst Certification Board Guidelines for Responsible Conduct.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSE 730 - Curriculum and Instruction for Early Childhood Special Education (Ages 3-5).

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

730

**Course Title**

Curriculum and Instruction for Early Childhood Special Education (Ages 3-5).

**Department(s)**

Educational and Community Programs

**Description**

This course is designed to introduce program candidates to critical issues in curriculum and instruction for teaching preschool children with disabilities (ages three through five) and their families. Developmentally appropriate programs (DAP) and evidence-based practices for preschool children with and without disabilities will be the focus of this course. Candidates will explore the impact that disability conditions have on young children's learning needs in all developmental domains, resulting curriculum goals and learning objectives, as well as assessment and intervention strategies used to effectively address these goals

and objectives. Candidates will examine the impact that the environment has on the acquisition, maintenance, and generalization of critical skills in young children, and a range of validated curriculum models designed to meet the learning needs of young children with disabilities and their families. This course will also focus on the historical, educational, philosophical, and legal foundations that have guided practice and policy in early childhood special education (ECSE). Fifteen hours of field experience is required and will include observation and analysis of young children with disabilities in different environments.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 731 - Advanced Seminar in Early Childhood Special Education (Ages 5-8)

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

731

**Course Title**

Advanced Seminar in Early Childhood Special Education (Ages 5-8)

**Department(s)**

Educational and Community Programs

**Description**

This advanced seminar will explore critical issues related to assessment, curriculum, instruction, and research validated best practices in early childhood special education for young children with disabilities between the ages of 5-8. This course will focus on designing and implementing developmentally appropriate and culturally responsive curriculum and instruction to ensure positive academic outcomes for these children. Fifteen hours of field experience is required for observation of and teaching children with disabilities between the ages of 5-8 in a variety of environments.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 732 - Applied Behavior Analysis III: Behavioral Assessment

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

732

**Course Title**

Applied Behavior Analysis III: Behavioral Assessment

**Department(s)**

Educational and Community Programs

**Description**

This course is designed for candidates in the Graduate Programs in Special Education (GPSE) Board Certified Behavior Analyst (BCBA) Verified Course Sequence (VCS). This course focuses on providing candidates with the content knowledge and practical application of behavioral assessment procedures. This course teaches candidates how to conduct the following behavioral assessments: functional behavior assessment, functional analysis, preference assessments, Assessment of Basic Language and Learning Skills (ABLLS), Assessment of Functional Living Skills (AFLS), VB-MAPP, Autism Diagnostic Observation Schedule (ADOS).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 733 - Advanced Seminar in Applied Behavior Analysis

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

733

**Course Title**

Advanced Seminar in Applied Behavior Analysis

**Department(s)**

Educational and Community Programs

**Description**

This seminar course is designed to provide candidates in the Graduate Programs in Special Education (GPSE) Board Certified Behavior Analyst (BCBA) Verified Course Sequence (VCS) the content knowledge and coursework hours to sit for the BCBA exam. Specifically, this course will overview issues related to staff management and supervision in the field of applied behavior analysis. Candidates will learn how to assess staff performance issues and implement/develop training protocol to ensure treatment integrity. Additionally, this course will teach candidates to become effective BCBA field supervisors and mentors. Specifically, candidates will learn how to critically analyze factors that contribute to inadequate staff performance and develop strategies for improvement. Further, candidates

will learn how to assess their own effectiveness as BCBA field supervisors using self-management strategies. The culminating experience involves the development of training protocols to improve procedural and treatment integrity for students with disabilities.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 740 - Curriculum and Instruction for Adolescent Special Education

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

740

**Course Title**

Curriculum and Instruction for Adolescent Special Education

**Department(s)**

Educational and Community Programs

**Description**

Theory and research about young adults with disabilities and exemplary practices in informal assessment, curriculum design and adaptation, effective instruction, person-centered planning, self-determination, supportive learning environments, and instructional technology for students with mild, moderate, and severe disabilities. Field experiences of at least 15 hours involve program candidates in assessment, curriculum adaptation, planning, and implementing an intervention to assist a young adult achieve his/her goals. Reflection on practice involves an analysis of self-determination, empowerment, learning, community participation, and behavior change.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 741 - Advanced Seminar in Adolescent Special Education

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

741

**Course Title**

Advanced Seminar in Adolescent Special Education

**Department(s)**

Educational and Community Programs

**Description**

This advanced seminar will explore critical issues related to assessment, curriculum, instruction, and research-validated best practices in adolescent special education for students with mild, moderate, and severe disabilities. The seminar will focus critically on the core values of the Queens College Education Division related to promoting equity, excellence, and ethics in urban schools and communities.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 742 - Foundations of Assistive and Instructional Technology

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

742

**Course Title**

Foundations of Assistive and Instructional Technology

**Department(s)**

Educational and Community Programs

**Description**

Theory, research, and practice in identifying, implementing, and evaluating assistive and instructional technology for students with disabilities. Candidates will develop knowledge, skills, and dispositions to: (a) integrate technology in planning and managing the teaching and learning environment, (b) use technology to conduct assessments, and (c) make appropriate technology-related adaptations for students with disabilities. The course is designed to provide a broad knowledge base, rather than disability-specific information with the goal of assisting candidates to develop technology competencies that they can apply with students with disabilities within their age specialization (elementary or adolescent) within special education and general education classrooms.

**Academic Career**

Graduate



**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSE 746 - Research in Special Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

746

**Course Title**

Research in Special Education

**Department(s)**

Educational and Community Programs

**Description**

Study, understanding, and evaluation of basic research design and methodology in special education and interpreting research results for classroom instruction. Program candidates will prepare a literature review and design research methodology that will be implemented in a research study in ECPSE 748. Research topics will be referenced to classroom needs as individually determined by each student's educational placement and their area of interest.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSE 748 - Advanced Research in Special Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

748

**Course Title**

Advanced Research in Special Education

**Department(s)**

Educational and Community Programs

**Description**

The continued study, understanding, and evaluation of research design and methodology in special education. Each program candidate will implement an independent field-based project based on the literature reviewed and methodology developed in ECPSE 746. Research topics are based on needs of candidates' classrooms and their research interests. A research paper is required. This paper serves as the thesis and culminating project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSE 750 - Workshop in Special Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

750

**Course Title**

Workshop in Special Education

**Department(s)**

Educational and Community Programs

**Description**

Selected topics in the field of Special Education. Each semester various topic areas are offered. The course may be repeated for credit if the topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSE 800 - Foundations of Special & Bilingual Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

800

**Course Title**

Foundations of Special & Bilingual Education

**Department(s)**

Educational and Community Programs

**Description**

This course presents the background and origins of bilingual and special education. Topics highlight the historical and sociological treatment of bi/multilingual children with exceptionalities, special education and bilingual education policies and mandates, and the importance of successful advocacy and collaboration with parents and professionals in inclusive settings. This course explores the interface between bi/multilingual education and special education with primary emphasis on developing knowledge about the needs of bi/multilingual children with exceptionalities. Candidates will be supported to explore evidence based early childhood programs, curriculum, and instruction, including the role of formal and informal assessment to effectively educate this unique population of students. Lectures, readings, assignments, and course activities emphasize familiarity with and implementation of structures, practices, and policies that promote shared decision making with practitioners and families. Twenty hours of field work focused on bi/multilingual children with exceptionalities is required for this course.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## ECPSE 801 - Assessment for CLD Children with Exceptionalities

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

801

**Course Title**

Assessment for CLD Children with Exceptionalities

**Department(s)**

Educational and Community Programs

**Description**

The purpose of this course is to prepare bilingual early childhood special education teachers to understand various assessment issues as they affect bi/multilingual children with exceptionalities such as accountability, bias, special education referral/classification/ placement testing, language proficiency, and accommodations in formal testing situations. Candidates will become familiarized with the different purposes of assessment (e.g., screening, diagnostic, placement, language proficiency, academic achievement, and monitoring) and the basic concepts of assessment so that they are prepared to assess bi/multilingual children. Candidates will engage in reflective decision-making and research-validated best practices that will result in the creation of effective instructional programs for all students, including bi/multilingual students with and without exceptionalities. Assignments will require between 8-10 hours of field-based work. Lectures, readings, and in class activities utilize face to face and web-enhanced strategies to maximize candidates' application to classroom and other school

settings. Candidates will be encouraged to use technology enhanced applications to facilitate peer based professional development and action research assignments throughout the semester.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## ECPSE 802 - Language and Literacy Development in Bilingual Children with Special Needs

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

802

**Course Title**

Language and Literacy Development in Bilingual Children with Special Needs

**Department(s)**

Educational and Community Programs

**Description**

This course centers on differentiating instruction for bi/multilingual children with exceptionalities as they develop a new/second language and biliteracy. The course is grounded in the premise that the education of young bi/multilingual children with exceptionalities should include explicit language and content area instruction. Candidates will become acquainted with a range of factors that impact language development, bilingualism, biliteracy, and its instruction in languages other than English, particularly Spanish and Chinese. Candidates will explore how early instruction in alphabetic languages such as English and Spanish, early literacy development should include cross-linguistic development and comparisons of phonological and phonemic awareness. In Chinese, pronunciation (especially tones), and scaffolding the writing of characters are important factors that impact literacy development. These factors might be compounded with the importance of vocabulary growth and discourse. Candidates will explore factors that might signal referral for special education services. Throughout the semester, candidates will be exposed to the conceptual considerations and evidence based supports necessary to ensure that bi/multilingual children with exceptionalities are able to experience positive school outcomes. These include culturally responsive and evidence based instructional strategies that build on children's prior knowledge, interests, and motivation to expand their bilingual and biliterate competencies. Lectures, readings, assignments, and course activities will foster candidates' abilities to effectively teach literacy and biliteracy in bi/multilingual children with exceptionalities. Twenty (20) hours of field work focused on the needs of bi/multilingual children with exceptionalities is required for this course.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units	Maximum Units
4	4

## ECPSE 803 - Oral Language Development in Special and Bilingual Education

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPSE

#### Catalog Number

803

#### Course Title

Oral Language Development in Special and Bilingual Education

#### Department(s)

Educational and Community Programs

#### Description

This course explores the development of oral language(s) in bi/multilingual children with and without exceptionalities and those raised bilingually. It addresses theories of home (or first) and new (or second) language development, literacy development, and critical theory to practice approaches to support the learning needs of bi/ multilingual children with exceptionalities. Candidates will learn how to assess the oral language development skills of bi/multilingual children with exceptionalities, analyze and interpret findings, and apply them to improve direct instruction, enhance routine practices, increase parent/family engagement, and/or advocate for policy change. Lectures, readings, assignments, and course activities will foster candidates' abilities to enhance young children's oral language development in the new/home language. Twenty (20) hours of field work focused on the needs of bi/multilingual children with exceptionalities is required for this course.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units	Maximum Units
4	4

## ECPSE 804 - Applied Behavior Analysis in Multicultural Contexts

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPSE

#### Catalog Number

804

#### Course Title

Applied Behavior Analysis in Multicultural Contexts

#### Department(s)

Educational and Community Programs

#### Description

This course examines the principles and application of operant learning. It is primarily focused on the relationship between behaviors and environmental events (e.g., antecedents, setting events, and consequences) that influence behavior. A substantial emphasis of this course is placed on functional behavioral assessment, and the use of educative, positive behavior support strategies to create meaningful changes in environments and the quality of life of young children and their families. Candidates will also learn how to design and employ single subject research designs. All course assignments are field based; the FBA assignment requires a minimum of 5 hours for direct observation of a child with a disability (or at risk). Lectures, readings, assignments, and course activities emphasize use of natural environments as the preferred as they influence learning. Context for providing services and within which to analyze and provide behavioral support. A critical underlying course theme is the relationship between learning experiences, preferences and culture, and the possible intersection of these, and familial norms. Candidates will be supported to identify educative, behaviorally sound approaches to enhance children's behavior, social skills, and communication. They will also be supported to foster positive, productive relationships with family members and other critical caregivers in the analysis, prevention, and intervention of behaviors that interfere with learning and social development.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## ECPSE 805 - Culturally Responsive Early Intervention (Birth-Age 3)

### Overview

#### Academic Institution

QNS01

#### Subject area

ECPSE

#### Catalog Number

805

#### Course Title

Culturally Responsive Early Intervention (Birth-Age 3)

#### Department(s)

Educational and Community Programs

#### Description

This course introduces candidates in the early childhood special and bilingual education integrated MSED program to federal and state policies and regulations for Early Intervention (EI) services. Candidates will become familiarized with the developmental needs of children from birth to age 3 and the important roles that families play in their children's development. Special emphasis will be placed on working with families, infants, and toddlers from culturally and linguistically diverse (CLD) backgrounds. Candidates will be exposed to evidence-based and culturally responsive early intervention strategies for developing and implementing Individualized Family Support Plans. Twenty hours of field experience are required to observe and interact with a CLD family and their young child with special needs.

#### Academic Career

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 806 - Practicum in Early Intervention with Children and Families from CLD Backgrounds

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

806

**Course Title**

Practicum in Early Intervention with Children and Families from CLD Backgrounds

**Department(s)**

Educational and Community Programs

**Description**

This course provides candidates with supervised experience in team-oriented early interventions with infants and toddlers with disabilities or at risk for developmental delays and their families from linguistically and culturally diverse backgrounds. It integrates learned theoretical models to real-life situations, and affords candidates opportunities for supervised practice in the Individualized Family Support Plan (IFSP) and/or Individualized Education Program (IEP) process. Candidates will also participate in the planning and implementation of intervention strategies for infants (0-3) and young children with special needs. Collaborative work will include working with families and other early intervention and special education professionals. Particular emphasis is given to experiences that help increase candidates' observation, assessment and intervention planning skills that are culturally sensitive towards the unique needs of families with infants and young children with special needs. Candidates will receive individualized supervision and ongoing group support to enhance their understanding of how to apply evidence based and culturally responsive early intervention and special education services to young bi/multilingual children with disabilities, and their families. All candidates are paired with experienced early intervention professionals and will work alongside these clinicians for the semester. Candidates will spend roughly 20 hours each week in the field with these clinicians as they provide home based services to a number of families. All activities will take place in collaboration with and under supervision of candidates' supervising EI providers. This course includes some online content as well as face-to-face group seminars. Candidates are expected to actively engage in all aspects of the course. The course instructor will observe each candidate at least three times during the semester.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSE 807 - Curriculum and Instruction for ECSE & Bilingual Education I (Ages 3-5)

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

807

**Course Title**

Curriculum and Instruction for ECSE &amp; Bilingual Education I (Ages 3-5)

**Department(s)**

Educational and Community Programs

**Description**

This course is designed to introduce program candidates to critical issues in curriculum and instruction for teaching bi/multilingual children with exceptionalities (ages three through five) and their families in inclusive environments. Candidates will be taught about developmentally appropriate programs (DAP) and practices for bi/multilingual children with exceptionalities. This course will also emphasize the historical, educational, philosophical, and legal foundations that have guided practice and policy in bilingual education and early childhood special education (ECSE). Fifteen hours of field experience is required and will include observation and analysis of young bi/multilingual children with exceptionalities in both home and school environments.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## ECPSE 808 - Collaboration with Families and School-Based Teams

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

808

**Course Title**

Collaboration with Families and School-Based Teams

**Department(s)**

Educational and Community Programs

**Description**

This course offers intensive practical exposure to theory, research, and exemplary practice in collaborative process and team development. Emphasis is placed on working effectively with families, school, and community partners, in particular

those from culturally and linguistically diverse backgrounds. Candidates examine specific practices to enhance cross-disciplinary, cross-cultural, and cross-constituent partnerships within inclusive school, community, and other settings. Candidates will apply knowledge to enhance educational outcomes of students with mild, moderate, and severe disabilities. Through active and guided participation, candidates will refine various communication, problem-solving, facilitation, and leadership skills necessary to develop integrated special education and related services. Co-teaching with another teacher or related service professional is a required field-based assignment and the co-teaching assignment requires between 8-10 hours. Lectures, readings, and in class activities utilize face to face and web-enhanced strategies to maximize candidates' application to classroom and other school settings. Candidates will be encouraged to use technology enhanced applications to facilitate peer based professional development and action research assignments throughout the semester.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## ECPSE 809 - Curriculum and Instruction for Early Childhood Special Education & Bilingual Education II, Ages 5-8

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSE

**Catalog Number**

809

**Course Title**

Curriculum and Instruction for Early Childhood Special Education &amp; Bilingual Education II, Ages 5-8

**Department(s)**

Educational and Community Programs

**Description**

This course will explore critical issues related to assessment, curriculum, instruction, and research-validated best practices in bilingual education and early childhood special education for bi/multilingual children with exceptionalities between the ages of 5-8. This course will focus on designing and implementing developmentally appropriate and culturally responsive curriculum and instruction to ensure positive academic outcomes for these children. Fifteen hours of field experience is required for observation of and teaching bi/multilingual children with exceptionalities between the ages of 5-8 in a variety of environments.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## ECPSP 764 - Introduction to Research in School Psychology

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

764

**Course Title**

Introduction to Research in School Psychology

**Department(s)**

Educational and Community Programs

**Description**

This course focuses on the study, understanding, and evaluation of basic research design and methodology in school psychology and the interpretation of research. This is the first of a two-course sequence (see ECPSP 864).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSP 766 - Fieldwork in School Psychology I

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

766

**Course Title**

Fieldwork in School Psychology I

**Department(s)**

Educational and Community Programs

**Description**

Students start in October and spend 2 days a week in a school placement. They follow the academic calendar of the school in which they are placed. Graded on a Pass/Fail basis only.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ECPSP 767 - Fieldwork in School Psychology II****Overview**Academic Institution  
QNS01Subject area  
ECPSPCatalog Number  
767Course Title  
Fieldwork in School Psychology IIDepartment(s)  
Educational and Community Programs

**Description**  
Students spend 2 days a week in a school placement. They follow the academic calendar of the school in which they are placed until the school year ends. Graded on a Pass/Fail basis only. Spring

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**ECPSP 768 - Internship in School Psychology I****Overview**Academic Institution  
QNS01Subject area  
ECPSPCatalog Number  
768Course Title  
Internship in School Psychology IDepartment(s)  
Educational and Community Programs

**Description**  
Candidates spend 5 days a week in internship settings with a minimum of 600 hours a year in a school setting. Other settings include mental health agencies and clinics. They begin in September and follow school and agency calendars. Candidates meet biweekly for group supervision at the College. Taken in the last year of study. Graded on a Pass/Fail basis only.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
Department Consent Required**Credits**Minimum Units  
3Maximum Units  
3**ECPSP 7681 - Internship in Bilingual/  
Multicultural School Psychology I****Overview**Academic Institution  
QNS01Subject area  
ECPSPCatalog Number  
7681Course Title  
Internship in Bilingual/ Multicultural School Psychology IDepartment(s)  
Educational and Community Programs

**Description**  
Candidates spend 5 days a week in internship settings with a minimum of 600 hours a year in a school setting. Other settings include mental health agencies and clinics. The placements are in settings with a bilingual or multicultural population, and candidates are under the supervision of qualified supervisors. They begin in September and follow school and agency calendars. Candidates meet biweekly for group supervision at the college. Taken in the last year of study. Graded on a Pass/Fail basis only.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
Department Consent Required**Credits**Minimum Units  
3Maximum Units  
3**ECPSP 769 - Internship in School Psychology II****Overview**Academic Institution  
QNS01Subject area  
ECPSPCatalog Number  
769Course Title  
Internship in School Psychology IIDepartment(s)  
Educational and Community Programs

**Description**

Students spend 5 days a week in internship settings with a minimum of 600 hours a year in a school setting. Other settings include mental health agencies and clinics. They begin in September and follow school and agency calendars. Candidates meet biweekly for group supervision at the College. Taken in the last year of study. Graded on a Pass/Fail basis only.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSP 7691 - Internship in Bilingual/Multicultural School Psychology II

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

7691

**Course Title**

Internship in Bilingual/Multicultural School Psychology II

**Department(s)**

Educational and Community Programs

**Description**

Candidates spend 5 days a week in internship settings with a minimum of 600 hours a year in a school setting. Other settings include mental health agencies and clinics. The placements are in settings with a bilingual or multicultural population, and candidates are under the supervision of qualified supervisors. They begin in September and follow school and agency calendars. Candidates meet biweekly for group supervision at the college. Taken in the last year of study. Graded on a Pass/Fail basis only.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSP 770 - Behavioral Assessment and Intervention

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

770

**Course Title**

Behavioral Assessment and Intervention

**Department(s)**

Educational and Community Programs

**Description**

This course is designed to familiarize students with principles and procedures of behavioral assessment and intervention. Major emphases are placed on the observation, recording, analysis, and modification of children's behaviors in school and other related settings. Applications of behavioral techniques in treating different disorders are also covered. In addition, students are prepared to serve as behavioral consultants to school and mental health personnel. Fall

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ECPSP 771 - Professional Issues in School Psychology

**Overview****Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

771

**Course Title**

Professional Issues in School Psychology

**Department(s)**

Educational and Community Programs

**Description**

This is an integrative seminar that accompanies the first semester of internship. Prepares students for their professional role in the schools by covering topics that include ethical and legal behavior, models of service delivery, effective schooling practices, and current issues. The relationship of the school psychologist to other school personnel, families, and community agencies is emphasized. Fall

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## ECPSP 772 - Theory and Practice in Assessment of Intelligence and Cognitive Functioning I

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ECPSP	772

**Course Title**  
Theory and Practice in Assessment of Intelligence and Cognitive Functioning I

**Department(s)**  
Educational and Community Programs

**Description**  
A combined laboratory and didactic experience designed to develop the student's competency in the administration and interpretation of individual and group tests of intelligence, perception, language, and neuro-developmental functioning and in communicating test findings to school personnel. Responsibilities involved in the use of tests in psychologist-client relationships in general are considered.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
4	4

## ECPSP 773 - Theory and Practice in Assessment of Intelligence and Cognitive Functioning II

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ECPSP	773

**Course Title**  
Theory and Practice in Assessment of Intelligence and Cognitive Functioning II

**Department(s)**  
Educational and Community Programs

### Description

A combined laboratory and didactic experience designed to develop the student's competency in the administration and interpretation of individual and group tests of intelligence, perception, language, and neuro-developmental functioning and in communicating test findings to school personnel. Responsibilities involved in the use of tests in psychologist-client relationships in general are considered.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
4	4

## ECPSP 774 - Theory and Practice of Personality Evaluation I

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
ECPSP	774

**Course Title**  
Theory and Practice of Personality Evaluation I

**Department(s)**  
Educational and Community Programs

**Description**  
A combined laboratory and didactic experience designed to develop the candidate's competency in the use of objective and projective techniques in personality evaluation and assessment. The course is also designed to increase skill in written reporting of psychodiagnostic findings.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## ECPSP 775 - Theory and Practice of Personality Evaluation II

### Overview

**Academic Institution**  
QNS01



**Subject area**  
ECPSP

**Catalog Number**  
775

**Course Title**  
Theory and Practice of Personality Evaluation II

**Department(s)**  
Educational and Community Programs

**Description**  
A combined laboratory and didactic experience designed to develop the candidate's competency in the use of objective and projective techniques in personality evaluation and assessment. The course is also designed to increase skill in written reporting of psychodiagnostic findings.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## ECPSP 777 - Practicum in School Psychology Assessment

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
ECPSP                                      777

**Course Title**  
Practicum in School Psychology Assessment

**Department(s)**  
Educational and Community Programs

**Description**  
Students work under supervision with youngsters who have learning, behavioral, or other school-related problems. Emphasis is placed on linking formal and informal assessment strategies with interventions using a problem-solving approach. Students are required to spend a minimum of one day a week in a school setting.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
4    4

## ECPSP 778 - Counseling Techniques for School Psychologists

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
ECPSP                                      778

**Course Title**  
Counseling Techniques for School Psychologists

**Department(s)**  
Educational and Community Programs

**Description**  
This course is intended to build skills in the helping process using a cognitive behavioral therapy model. Students practice micro skills with volunteer subjects and with each other. Students also develop beginning skills in conducting play sessions with young children. Active listening using the language of play is taught, as well as structured play techniques that may be used in cognitive behavioral play therapy or incorporated into counseling with younger children. Class sessions are devoted primarily to direct instruction in and micro training of counseling and interviewing skills, and play therapy techniques. Both cultural and developmental adaptations to cognitive behavioral therapy are discussed. In addition, relaxation and social skills training and stop and think interventions are introduced.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## ECPSP 779 - Multicultural Issues in School Psychology

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
ECPSP                                      779

**Course Title**  
Multicultural Issues in School Psychology

**Department(s)**  
Educational and Community Programs

**Description**  
This course introduces graduate students to multicultural issues with "multicultural" defined broadly. It examines the theoretical, empirical, and practical literature relevant to racially, ethnically, culturally and linguistically diverse clients as well as issues relevant to gender, sexual identity, and social class. Multicultural issues are explored in terms of their relevance to the development of cross-cultural competencies and the delivery of multiple services provided by school professionals (e.g., assessment, counseling, consultation). Candidates will have the opportunity to discuss multicultural issues within the contexts of families, classrooms, and schools. Issues discussed will be relevant to culturally and

linguistically diverse children ranging from early childhood to adolescence. The course is part of the multicultural and bilingual specializations for school psychologists, and the bilingual extension for bilingual pupil personnel.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSP 780 - Educational and Psychological Tests and Measurements

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

780

**Course Title**

Educational and Psychological Tests and Measurements

**Department(s)**

Educational and Community Programs

**Description**

A fundamental course in testing and measurement in education and psychology. Areas covered include psychometric properties of tests, technical and methodological principles in test development, social and ethical implications of testing, and issues in the use and interpretation of tests. Course is limited to students in the School Psychology Program. All others must get the permission of the program. Credits for this course will not apply toward a School Psychology certificate.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSP 781 - Assessment of Linguistically and Culturally Diverse Students

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

781

**Course Title**

Assessment of Linguistically and Culturally Diverse Students

**Department(s)**

Educational and Community Programs

**Description**

Students develop knowledge and skills needed to assess linguistically and culturally diverse students. A major emphasis is placed on learning culturally responsive assessment methods and procedures to assess language proficiency, intelligence, academic skills and personality-behavioral functioning.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSP 782 - Multicultural Interventions

**Overview**

**Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

782

**Course Title**

Multicultural Interventions

**Department(s)**

Educational and Community Programs

**Description**

The goal of this course is to have students acquire knowledge and skills related to instructional, mental health, and systemic interventions for culturally and linguistically diverse (CLD) students.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ECPSP 860 - Human Development

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
ECPSP                                      860

**Course Title**  
Human Development

**Department(s)**  
Educational and Community Programs

**Description**  
The course of development through the lifespan is studied as the interplay between individual predispositions (genetic and biological factors, past history, current stage) and forces in the environment (other individuals, social factors, cultural tradition, training methods). Among the specific topics examined from an interactionist point of view are motivation and adaptation, the role of anxiety and other affects in regulating behavior, sense of self, attachment, and self-esteem regulation. Relevant infant and child research is reviewed.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## ECPSP 861 - Seminar in Special Issues

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
ECPSP                                      861

**Course Title**  
Seminar in Special Issues

**Department(s)**  
Educational and Community Programs

**Description**  
This course will be devoted to special topics of current interest to school psychologists. The subject matter will change as needs arise. Topics to be addressed will include interventions, assessment and intervention with linguistically and culturally diverse students, cognitive theory and research, consultation models, legal and ethical issues, etc.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## ECPSP 862 - Developmental Psychopathology

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
ECPSP                                      862

**Course Title**  
Developmental Psychopathology

**Department(s)**  
Educational and Community Programs

**Description**  
This course is designed to familiarize students with deviant behavioral patterns occurring from infancy through adolescence. Social, biological, and emotional factors in the origin of these pathological conditions will be studied. Attention will be paid to psychopharmacological treatment as well as other approaches in effecting change.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## ECPSP 863 - Exceptionality of Human Development

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
ECPSP                                      863

**Course Title**  
Exceptionality of Human Development

**Department(s)**  
Educational and Community Programs

**Description**  
This course introduces students to the characteristics of exceptional learners and their education, emphasizing research supported interventions and instructional practices. The course explores the psychological, sociological, and medical aspects of disabilities and giftedness. The course also includes examination of historical, ethical and legal issues related to the education of students with exceptionalities. Critical pedagogy guides the instruction. This pedagogy facilitates students'

**Addressing Challenges** challenges that traditionally underserved students with **Disabilities** (e.g., English Language Learners, students of color) and their families can encounter when interfacing with U.S. education systems.

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## ECPSP 864 - Research Design and Data Analysis in School Psychology

### Overview

**Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

864

**Course Title**

Research Design and Data Analysis in School Psychology

**Department(s)**

Educational and Community Programs

**Description**

An advanced course concerned with problems, procedures, and accepted practices in conducting research. A research project will be required of students. Computerized statistical techniques commonly used in analyzing and interpreting research data are covered.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## ECPSP 865 - Learning and Instructional Strategies

### Overview

**Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

865

**Course Title**

Learning and Instructional Strategies

**Department(s)**

Educational and Community Programs

### Description

This course focuses on theoretical approaches to human learning and explores factors that influence the learning process, including developmental issues, motivational levels, and cultural/linguistic background. Theoretical models for instructional and curricular design are discussed for general as well as special education students. Emphasis is placed on applying learning and instructional approaches to children of different ages and backgrounds.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## ECPSP 866 - Seminar in Special Issues

### Overview

**Academic Institution**

QNS01

**Subject area**

ECPSP

**Catalog Number**

866

**Course Title**

Seminar in Special Issues

**Department(s)**

Educational and Community Programs

**Description**

This course will be devoted to special topics of current interest to school psychologists. The subject matter will change as needs arise. Topics to be addressed will include interventions, assessment and intervention with linguistically and culturally diverse students, cognitive theory and research, consultation models, legal and ethical issues, etc.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## ECPSP 867 - Practicum in School Psychology Consultation

### Overview

**Academic Institution**

QNS01

**Subject area**  
ECPSP

**Catalog Number**  
867

**Course Title**  
Practicum in School Psychology Consultation

**Department(s)**  
Educational and Community Programs

**Description**  
This course is designed to train school psychology students to serve as consultants in the schools. Models of school-based consultation are explored. Specific assessment and intervention strategies are discussed as they relate to the consultation process. Students are placed in a school setting to practice consultation skills.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
4

**Maximum Units**  
4

## ECPSP 868 - Advanced Practicum in School Psychology Counseling and Crisis Intervention

### Overview

**Academic Institution**  
QNS01

**Subject area**  
ECPSP

**Catalog Number**  
868

**Course Title**  
Advanced Practicum in School Psychology Counseling and Crisis Intervention

**Department(s)**  
Educational and Community Programs

**Description**  
This practicum provides students with practice in counseling with real clients in field settings and instructs students in crisis intervention. It gives them the opportunity to apply theoretical knowledge about counseling obtained from ECPSP 778. Counseling Techniques for School Psychologists, to real situations. Students spend time weekly in the schools and learn to conceptualize cases and plan their work with clients. They present audiotaped sessions of their work in class on a regular basis where it is reviewed and critiqued. Ethical and legal issues as they relate to counseling are addressed. Students review evidence-based techniques for providing culturally responsive counseling to a variety of ethnic, cultural, and religious groups. They also learn procedures for threat assessment and gain knowledge of a multi-tiered approach to crisis intervention. Empirically validated programs for prevention and intervention of suicide, bullying, risky behaviors, school refusal, and violence are studied.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## EDUC 7263 - Wkshp Curr Art EI

### Overview

**Academic Institution**  
QNS01

**Subject area**  
EDUC

**Catalog Number**  
7263

**Course Title**  
Wkshp Curr Art EI

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
WKSHP CURR ART EL

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
2

**Maximum Units**  
2

## EDUC E7676 - Workshop in Special Education

### Overview

**Academic Institution**  
QNS01

**Subject area**  
EDUC

**Catalog Number**  
E7676

**Course Title**  
Workshop in Special Education

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Workshop in Special Education

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## EECE 520 - Language Development and Emergent Literacy

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	520

**Course Title**  
Language Development and Emergent Literacy

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Required course for MAT students; open only to MAT students. Students examine how language develops in young children, the relation between language and cognition, and the sociocultural factors that impinge upon language learning. Among the major topics are: language assessment, language diversity, and emergent literacy. Emphasized throughout are teaching strategies and classroom experiences that foster language development in the young child.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## EECE 525 - Language and Literacy Learning in the Elementary Years

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	525

**Course Title**  
Language and Literacy Learning in the Elementary Years

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Students build upon earlier studies of emergent literacy to plan effective programs in diverse, inclusive elementary settings. Students develop knowledge of theories of literacy development, design and implement effective strategies for teaching reading and writing in inclusive elementary settings, and examine children's literature to be used across the curriculum. Prospective teachers implement

strategies in the field and analyze their teaching with the support of the teacher-research community. This course has an M&T Fee. For more info visit:  
<http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## EECE 533 - Advanced Methods in Teaching Elementary Art, Pre-K-6

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	533

**Course Title**  
Advanced Methods in Teaching Elementary Art, Pre-K-6

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Advanced methods in teaching art, Pre-K-6 with hands-on experiences in various media. This course has an M&T Fee. For more info visit:  
<http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## EECE 545 - Social Studies in the Elementary School

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	545

**Course Title**  
Social Studies in the Elementary School

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course for MAT, Grades 1-6 students; open only to students in this program. Preservice elementary teachers examine the teaching of social studies in the primary and intermediate grades. Emphasis is on the theoretical basis underlying the teaching of social studies and its application in the elementary classroom. Topics include the social studies disciplines, methodologies, and applications in the classroom.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 550 - Mathematics in the Elementary School

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

550

**Course Title**

Mathematics in the Elementary School

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course for MAT, Grades 1-6 students; open only to students in this program. This course examines key concepts, strategies, and skills in the elementary school curriculum. Topics include estimation and mental computation, place value, development of algorithms, algebraic reasoning, fractions and decimals, probability and data analysis, and measurement and geometric concepts. There will be an emphasis on problem-solving, reasoning and proof, communication, and representation of ideas. The course also addresses state and national standards in elementary school mathematics, and discusses uses of technology in the classroom. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 555 - Science in the Elementary School

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

555

**Course Title**

Science in the Elementary School

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course for MAT, Grades 1-6 students; open only to students in this program. Students learn about state and national standards in elementary school science. They relate current research to the effective teaching of science. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 565 - Student Teaching

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

565

**Course Title**

Student Teaching

**Department(s)**

Elementary and Early Childhood Education

**Description**

Eleven weeks of supervised observation and student teaching at two of the three certificate grade levels: Pre-Kindergarten, Kindergarten, and Grades 1-2. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## EECE 5653 - Student Teaching

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	5653

**Course Title**  
Student Teaching

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## EECE 566 - Student Teaching

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	566

**Course Title**  
Student Teaching

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Twelve weeks of supervised observation and student teaching at two grade levels: Grades 1–3 and Grades 4–6. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## EECE 567 - Practicum in Elementary Education

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	567

**Course Title**  
Practicum in Elementary Education

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
This course is required and reserved exclusively for all candidates in the additional initial certification program in childhood education (grades 1-6). This course has 30 hours of mandatory field experience in grades 3 to 6, plus 7 two-hr. seminar sessions that meet every two weeks. Students will have targeted assignments in a grade 3 class for the first 6 weeks of semester, then 6 weeks in a grade 4, 5, or 6 class, including lesson planning, implementation, and reflection.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## EECE 575 - Internship- Elem Ed

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	575

**Course Title**  
Internship- Elem Ed

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
INTERNSHIP- ELEM ED

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
6	6



## EECE 700 - A History of Ideas in Education

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
EECE                                      700

**Course Title**  
A History of Ideas in Education

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Offers a historical perspective on central tenets of educational thought. Students examine educational theories and constructs within the context of their historical and cultural roots.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## EECE 702 - Social Foundations of Education

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
EECE                                      702

**Course Title**  
Social Foundations of Education

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Provides a forum for the beginning teacher to further investigate cultural, social, philosophical, and historical elements of education. Building on earlier studies in educational foundations, the course explores equity in schooling, school reforms, educational philosophy, and the relationship between schools and society, among other topics. Through readings, course assignments, and field experiences, students study a reflective decision-making model. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## EECE 703 - Classroom Realities in Diverse Settings

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
EECE                                      703

**Course Title**  
Classroom Realities in Diverse Settings

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Students in MAT programs must complete Student Teaching before taking this course. Sessions are directed at beginning teachers. Students develop strategies to handle the persistent challenges that educators face every day in diverse classrooms, such as increasing numbers of students with limited English ability, cross-cultural misunderstandings, student and parent illiteracy in home languages, lack of parent participation and support, and mainstreamed students with physical and/or emotional difficulties.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## EECE 704 - Major Contemporary Issues in Education

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
EECE                                      704

**Course Title**  
Major Contemporary Issues in Education

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
In this course students investigate such persistent issues in education as public perceptions of teachers, use of education as a campaign ploy, budgetary limitations and increased demands, de facto segregation, assessment of teachers and students, day care, teachers as surrogate parents, etc. While the course reviews a

variety of long-standing issues, it also features contemporary issues particularly relevant at the time the course is offered. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 705 - School and Community Relations

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

705

**Course Title**

School and Community Relations

**Department(s)**

Elementary and Early Childhood Education

**Description**

This course is a critical analysis of the relationship between schools and their communities and the confluence of diverse communities within schools. Societal concepts are applied to community concerns related to the schools, to school policies, and to social curriculum. Efforts to adapt the school to social and community needs are examined in light of this analysis. Through readings, course assignments, and field experiences students study a reflective decision-making model.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 706 - Classroom-based Assessment and Research in Early Childhood Education

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

706

**Course Title**

Classroom-based Assessment and Research in Early Childhood Education

**Department(s)**

Elementary and Early Childhood Education

**Description**

Classroom-based Assessment and Research in Early Childhood Education is a required course in the MAT Early Childhood Education (B-2) program designed to provide candidates with a comprehensive foundation in the following: critical issues in assessing young children's learning, developmental screening; authentic vs. standardized assessments; formative vs. summative assessments; and familiarity with specific tools and assessment instruments regularly used across the curriculum in early childhood education. A research project on classroom-based assessment is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 707 - Assessment in the Elementary Classroom

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

707

**Course Title**

Assessment in the Elementary Classroom

**Department(s)**

Elementary and Early Childhood Education

**Description**

Assessment in the Elementary Classroom is a 3-credit course for students designed to cover a range of assessment issues critical for 1st-6th grade classrooms. The goal is to provide 1st to 6th grade teachers with an assessment foundation, and give them the tools to construct valid classroom tests that not only reliably measure student achievement and proficiency, but also serve to help guide instructional decisions. A variety of assessment-focused issues will be explored, including the following: 1. Formative and summative assessment in 1st to 6th grade classrooms 2. Key concepts in assessment (including validity, reliability, and practicality) 3. Alternative forms of assessment (portfolios, journals, authentic assessment, performance assessment) 4. Norm- and criterion-referenced testing

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## EECE 710 - Ecological Perspectives on Development: The Early Years

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	710

**Course Title**  
Ecological Perspectives on Development: The Early Years

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
This course provides a contextually based study of developmental processes in infants, toddlers, and young children through age 8. Emphasizing the importance of looking at "the whole child," the contributions of family and culture to the child's construction of meaning are examined, with special attention to the broad range of variability within normal development in the early years. Cultural and socioeconomic differences in child-rearing practices and parental expectations are discussed in terms of their significance for children's early linguistic and cognitive functioning. The significance of attachment and autonomy issues for children in early childhood educational and care settings are addressed. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## EECE 711 - Ecological Perspectives on Development: The Childhood Years

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	711

**Course Title**  
Ecological Perspectives on Development: The Childhood Years

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
1 course within ecological perspectives on development must be taken within the first 9 credits in the program. It provides a contextually based study of development, focusing on children during the elementary school years.

Highlighting the ongoing interplay between cognition, language, affect and social functioning, students examine individual differences in abilities, learning styles, and academic performance, with attention to ecologically valid assessment strategies for linguistically and culturally diverse populations. Students explore the impact of family dysfunction, stress, poverty, and violence on development and academic performance. Strategies for creating classrooms that support prosocial development and learning are discussed. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## EECE 712 - Humanistic Psychology: Educational Applications

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	712

**Course Title**  
Humanistic Psychology: Educational Applications

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Elective course in the EECE Specialty programs in Education for Diverse Populations and Family and Community Studies. This course examines the general principles and practices of motivation and communication, self-concept and its effect on interest, cooperation, and achievement. Values clarification, moral, ethical, and character education are explored. Students develop and implement teaching strategies in Affective Education.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## EECE 713 - The Psychology and Education of Exceptional Children and Youth

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

713

#### Course Title

The Psychology and Education of Exceptional Children and Youth

#### Department(s)

Elementary and Early Childhood Education

#### Description

Elective course within the Education for Diverse Populations specialty. Students examine legislation, assessments, and terminology related to exceptional children. Classroom strategies and interventions for specific categories of exceptional children are explored. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## EECE 717 - Ecological Perspectives on Development: Early Adolescence

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

717

#### Course Title

Ecological Perspectives on Development: Early Adolescence

#### Department(s)

Elementary and Early Childhood Education

#### Description

This course provides a contextually-based study of development, focusing on early adolescence. The interacting influences of family, ethnic group, and peer group on the young adolescent's emerging identity are examined in relation to school behavior and academic performance. Individual differences in abilities, learning styles, and academic achievement are examined, with attention to ecologically valid assessment strategies for linguistically and culturally diverse populations. The links between school experience and the young adolescent's susceptibility to substance abuse, violence, victimization, school drop out, and premature parenthood are discussed. School strategies for promoting healthy development in the adolescent years are considered.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## EECE 721 - Professional Issues in Early Childhood

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

721

#### Course Title

Professional Issues in Early Childhood

#### Department(s)

Elementary and Early Childhood Education

#### Description

Required course in the B-2 MAT and MS programs; must be taken prior to student teaching. Based upon review of research data, students examine current issues in the education of children in the B-2 range and alternative views of these issues to develop an understanding of optimal practice.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## EECE 722 - Language Development and Multilingualism in Early Childhood

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

722

#### Course Title

Language Development and Multilingualism in Early Childhood

#### Department(s)

Elementary and Early Childhood Education

**Description**

This course explores the language acquisition and literacy development of multilingual children from birth to age eight. Psycholinguistic and sociolinguistic views of language are used to examine social, cultural, and cognitive aspects of language acquisition and learning. Topics include multilingual language development, multiliteracy, standard and non-standard languages, language instruction in schools, bilingual education, and other topics specific to the language learning of multilingual children. Course topics explore how early childhood educators can support students from various language backgrounds through instructional approaches that meet the needs of multilingual learners. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 724 - Curriculum and Environmental Design for Early Childhood, Part I

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

724

**Course Title**

Curriculum and Environmental Design for Early Childhood, Part I

**Department(s)**

Elementary and Early Childhood Education

**Description**

This course examines environmental design, instructional strategies, and materials to serve goals of curriculum for B-6-year-old children. Professional study features the role of play, goal-directed teaching within an action-based learning environment, multicultural and technological resources for program development, assessment, working with families in cultural contexts, and meeting individual needs of children. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 725 - Curriculum and Environmental Design for Early Childhood, Part II

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

725

**Course Title**

Curriculum and Environmental Design for Early Childhood, Part II

**Department(s)**

Elementary and Early Childhood Education

**Description**

Curriculum and Environmental Design II is the second course of a two-course sequence that examines the major ideas and practices that govern the design of educational programs serving grades 1 and 2. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 728 - Integrating Expressive Arts into the Early Childhood Curriculum.

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

728

**Course Title**

Integrating Expressive Arts into the Early Childhood Curriculum.

**Department(s)**

Elementary and Early Childhood Education

**Description**

Elective course within the B-2 MAT and MS programs. Students explore the range of aesthetic experiences with media, drama, music, and movement that are appropriate for young children. Students examine the ways in which expressive art activities can support children's processing of experiences as they extend understandings about people, communities, economic roles, and events in their world. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**EECE 730 - Practicum in Early Childhood****Overview**Academic Institution  
QNS01Subject area  
EECECatalog Number  
730Course Title  
Practicum in Early ChildhoodDepartment(s)  
Elementary and Early Childhood EducationDescription  
For students in the MS B-2 program. Six weeks of supervised observation and student teaching in one of the lower certificate grade levels( B-K).Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**EECE 731 - Teaching Beginning Reading and Writing****Overview**Academic Institution  
QNS01Subject area  
EECECatalog Number  
731Course Title  
Teaching Beginning Reading and WritingDepartment(s)  
Elementary and Early Childhood EducationDescription  
Elective course within the Language and Literacy Specialty. Students explore how school programs can facilitate the development of reading and writing in the young child in ways that are consistent with current research and theory on the development of literacy. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**EECE 733 - Curriculum Adaptation for Mainstreaming****Overview**Academic Institution  
QNS01Subject area  
EECECatalog Number  
733Course Title  
Curriculum Adaptation for MainstreamingDepartment(s)  
Elementary and Early Childhood EducationDescription  
Elective course within the Education for Diverse Populations Specialty. Conceptions of handicap and exceptionality are explored. Students examine affective as well as cognitive considerations in curriculum adaptations, and the roles of teacher, parent, and school support services in providing for children with special needs.Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**EECE 734 - Using Telecommunication and the WWW in the Classroom.****Overview**Academic Institution  
QNS01Subject area  
EECECatalog Number  
734Course Title  
Using Telecommunication and the WWW in the Classroom.Department(s)  
Elementary and Early Childhood EducationDescription  
Elective course within the Instructional Technology Specialty. Students design educational WWW activities for use in the classroom using HTML and various web page editors. Students also learn how to locate, evaluate, and use educational WWW resources within an elementary classroom curriculum, and use multimedia

tools and web page editors to create educationally sound web-based educational activities. This course assumes ready Internet access outside of the classroom. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## EECE 735 - Multimedia in the Classroom

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

735

**Course Title**

Multimedia in the Classroom

**Department(s)**

Elementary and Early Childhood Education

**Description**

Elective course within the Instructional Technology Specialty. Students learn to use a variety of media and formats to communicate information and ideas effectively to multiple audiences. Students create a Hyperstudio Presentation, develop a Power Point presentation; create a Hyperstudio multimedia template and produce an e-portfolio; and create a project using Microworlds. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## EECE 736 - Mathematics for Young Children

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

736

**Course Title**

Mathematics for Young Children

**Department(s)**

Elementary and Early Childhood Education

**Description**

Elective course within the Mathematics Education Specialty. Focusing on the development of mathematical thinking of children in the primary grades. It examines current research on children's thinking and emphasizes important instructional strategies. It highlights the key role language plays in mathematical learning.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## EECE 737 - Infants and Toddlers: Curriculum and Teaching

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

737

**Course Title**

Infants and Toddlers: Curriculum and Teaching

**Department(s)**

Elementary and Early Childhood Education

**Description**

Approaches to infant/toddler care and education; instructional materials and techniques to foster infant/toddler development; strategies for administering and managing learning environments.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## EECE 740 - The Improvement of Reading in the Elementary School

**Overview****Academic Institution**

QNS01

**Subject area**  
EECE

**Catalog Number**  
740

**Course Title**  
The Improvement of Reading in the Elementary School

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Elective course within the Language and Literacy Specialty. Students examine developmental growth in reading from beginning to advanced stages. Trends in reading instruction and the more common reading difficulties are addressed. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**                      **Maximum Units**  
3    3

## EECE 741 - Language Arts in the Elementary School

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
EECE    741

**Course Title**  
Language Arts in the Elementary School

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Elective course within the Language and Literacy Specialty. Students study ways in which teachers can build upon the resources of children's everyday living to facilitate children's oral and written language development.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**                      **Maximum Units**  
3    3

## EECE 742 - Reading Materials for Children

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
EECE    742

**Course Title**  
Reading Materials for Children

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
This course introduces teachers to a wide range of children's reading materials and explores issues in selecting and using various materials in literacy instruction. Reading materials covered include children's literature, nonfiction texts, multimodal texts, digital texts, multicultural literature, and bilingual and non-English texts. Teachers explore how reading materials can be used to teach for social justice, equity, and anti-racism.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**                      **Maximum Units**  
3    3

## EECE 744 - The Art and Technique of Storytelling

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
EECE    744

**Course Title**  
The Art and Technique of Storytelling

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Elective course within the Children's Literature Specialty and the Language and Literacy Specialty. Students critically examine stories and storytelling traditions from a variety of cultures as they develop a repertoire of stories to use in culturally and linguistically diverse classrooms. They practice methods and procedures in storytelling, explore ways to integrate storytelling into the curriculum and to use storytelling in promoting and developing literacy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required



**Credits**Minimum Units  
3Maximum Units  
3**EECE 746 - Nonfiction for Children****Overview**Academic Institution  
QNS01Subject area  
EECECatalog Number  
746Course Title  
Nonfiction for ChildrenDepartment(s)  
Elementary and Early Childhood Education

**Description**  
Elective course within the Children's Literature Specialty. Students become acquainted with quality nonfiction books for children, and explore ways to promote children's comprehension of informational books. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**EECE 747 - Literacy Through Poetry, Verse and Wordplay****Overview**Academic Institution  
QNS01Subject area  
EECECatalog Number  
747Course Title  
Literacy Through Poetry, Verse and WordplayDepartment(s)  
Elementary and Early Childhood Education

**Description**  
Elective course within the Children's Literature Specialty and the Language and Literacy Specialty. This course introduces students to a wide variety of poetry and verse suitable for children, methods for presenting, studying, and writing poetry with children, and strategies for integrating poetry into programs to develop literacy.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**EECE 748 - Myths, Legends, and Folktales****Overview**Academic Institution  
QNS01Subject area  
EECECatalog Number  
748Course Title  
Myths, Legends, and FolktalesDepartment(s)  
Elementary and Early Childhood Education

**Description**  
Elective course within the Children's Literature Specialty. Students examine the traditional roots of a story as a model for better understanding and coping with the complexities of human existence. Through extensive reading and library research, students consider the significance of these prototypes for the study of literature and for the elementary school curriculum.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**EECE 750 - Learning and Technology in Early Childhood and Childhood****Overview**Academic Institution  
QNS01Subject area  
EECECatalog Number  
750Course Title  
Learning and Technology in Early Childhood and ChildhoodDepartment(s)  
Elementary and Early Childhood Education

**Description**  
This course explores how current technologies can be applied in early childhood and elementary classrooms to support learning in ways that are developmentally appropriate. Students consider the role of technology in the development and

learning of children and explore the skills and knowledge children need to succeed in a digital world. Topics focus on the ways technology can be used as a tool to support learning and expand possibilities for instruction in the classroom. Students develop knowledge about current technologies through hands-on practice and reflection about the role of technology in the classroom.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 751 - Teaching Mathematics in the Elementary School

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

751

**Course Title**

Teaching Mathematics in the Elementary School

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course within the Mathematics Education Specialty. Examining the content of an elementary school mathematics program, students explore effective teaching strategies that complement the National and New York State Standards for Mathematics. Students are introduced to a wide range of manipulative and technological tools for addressing important concepts, strategies, and skills. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 752 - Mathematical Snapshot: Mathematics in Everyday Life

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

752

**Course Title**

Mathematical Snapshot: Mathematics in Everyday Life

**Department(s)**

Elementary and Early Childhood Education

**Description**

Elective course within the Mathematics Education Specialty. This course introduces students to geometry content appropriate to the elementary school level. Students explore and develop pedagogical techniques that are applicable to a diverse range of children's abilities.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 753 - Teaching Science in the Elementary School

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

753

**Course Title**

Teaching Science in the Elementary School

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course in the Science Education Specialty. This course emphasizes the selection, organization, and effective use of science materials in the elementary school. Important concepts will be drawn from the various sciences and include: populations and ecosystems, diversity and adaptations of organisms, structure and function in living systems, regulation and behavior, motions and forces, transfer of energy, and properties and changes of properties in matter. State and national standards in elementary school science will also be addressed, including the uses of technology to enhance science instruction.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 756 - Geometry, Art, and Mathematical Thinking

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

756

#### Course Title

Geometry, Art, and Mathematical Thinking

#### Department(s)

Elementary and Early Childhood Education

#### Description

Elective course within the Mathematics Education Specialty. This course addresses key geometric concepts in the context of artistic creations, such as the work of M.C. Escher and the tiling patterns of various cultures. Concepts addressed include congruence, similarity, symmetry, and transformations. Other topics include coordinate geometry, tessellation of shapes, and the relationship between two- and three-dimensional shapes. This course integrates applications to the microcomputer as well. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## EECE 757 - Physical Science for Elementary School Teachers

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

757

#### Course Title

Physical Science for Elementary School Teachers

#### Department(s)

Elementary and Early Childhood Education

#### Description

Elective course in the Science Education Specialty. Topics that have applications to the teaching of science concepts in the elementary school are presented from astronomy, chemistry, geology, meteorology, and physics. To enrich the background of science for elementary school teachers, this course stresses basic principles, applications, experiments, fieldwork, and demonstrations. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## EECE 758 - Life Science for Elementary School Teachers

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

758

#### Course Title

Life Science for Elementary School Teachers

#### Department(s)

Elementary and Early Childhood Education

#### Description

Elective course in the Science Education Specialty. Students make connections in the instruction of elementary science across the disciplines within life science as well as draw on their knowledge of developmental stages to motivate students to learn science, build conceptual understanding, and encourage the application of knowledge, skills, and ideas regarding life science in the lives of elementary students. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## EECE 759 - Environmental Literature

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

759

#### Course Title

Environmental Literature

#### Department(s)

Elementary and Early Childhood Education

**Description**

Elective course in the Science Education and Children's Literature Specialties. Focusing on the natural world and the interaction between humans and the environment, students examine literature, materials, and teaching practices appropriate for pre-school through elementary school children.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 760 - Teaching Social Studies in the Elementary School.

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

760

**Course Title**

Teaching Social Studies in the Elementary School.

**Department(s)**

Elementary and Early Childhood Education

**Description**

Elective course in the Family and Community Studies Specialty. This course is designed for students who have already taken an introductory course in social studies. Students examine the New York and national standards in social studies education and their applications in actual classroom settings. Document-based and inquiry-directed instruction are emphasized.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 761 - Foundations of Bilingual Education and Bilingualism

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

761

**Course Title**

Foundations of Bilingual Education and Bilingualism

**Department(s)**

Elementary and Early Childhood Education

**Description**

This course examines the philosophy, rationale, and historical background of bilingual education. By using information provided by research in the field participants will discuss the programs, models, and trends while exploring the sociological and political aspects of bilingual education. Special emphasis is placed on the analysis of the research in first and second language acquisition as well as the study of strategies to develop the first language and acquire a second language through the content areas.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 762 - Schooling in a Diverse Society.

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

762

**Course Title**

Schooling in a Diverse Society.

**Department(s)**

Elementary and Early Childhood Education

**Description**

Elective course in the Education for Diverse Populations Specialty. Required course in Bilingual Extension. This course is designed to address the multifaceted dimensions of teaching and learning in a rapidly changing, highly diverse society. Participants review research and theoretical literature in the fields of culture and cognition as they relate to educational practice. Included are traditional elements of culture such as ethnicity, language, and religion as well as less traditional elements of cultural diversity such as age, gender, sexual orientation, social class, and physical disability.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## EECE 763 - Developing Language and Literacy in the Home Language

### Overview

Academic Institution  
QNS01

Subject area  
EECE

Catalog Number  
763

Course Title  
Developing Language and Literacy in the Home Language

Department(s)  
Elementary and Early Childhood Education

**Description**  
Elective course in the Language and Literacy and Education for Diverse Populations Specialties. Required course in Bilingual Extension. This course discusses the characteristics of language arts in the home language in the bilingual classroom and the development and evaluation of literacy in the home language. Participants will learn and practice different methodologies for teaching language arts; develop skills in analyzing and creating instructional materials to teach in the home language; and elaborate techniques to evaluate existing language arts programs in the area.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## EECE 764 - Instruction and Assessment Across the Curriculum for Bilingual Learners

### Overview

Academic Institution  
QNS01

Subject area  
EECE

Catalog Number  
764

Course Title  
Instruction and Assessment Across the Curriculum for Bilingual Learners

Department(s)  
Elementary and Early Childhood Education

**Description**  
Required course in Literacy B-6 MEd, Literacy Post-Master's, and Bilingual Extension. This course focuses on the study, analysis, application, and creation of appropriate classroom instructional strategies to teach content to bilingual students. Students learn different approaches to supporting and integrating language learning in mathematics, science, social studies, and other

areas, and consider the evaluation issues related to language and content for bilingual students. Participants develop skills to examine, evaluate, and create instructional materials to teach multilingual students.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## EECE 765 - Internship in a Bilingual Classroom.

### Overview

Academic Institution  
QNS01

Subject area  
EECE

Catalog Number  
765

Course Title  
Internship in a Bilingual Classroom.

Department(s)  
Elementary and Early Childhood Education

**Description**  
Required course in Bilingual Extension. This course has been designed to provide the future bilingual teacher with the opportunity to live the experience of teaching in a bilingual setting. It is expected that through the internship, participants will show their professional strengths when teaching limited English-proficient students. During the internship, bilingual teachers will demonstrate their ability to communicate and teach effectively in the first and second language of the students.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## EECE 766 - Educational Linguistics and Psycholinguistics

### Overview

Academic Institution  
QNS01

Subject area  
EECE

Catalog Number  
766

**Course Title**

Educational Linguistics and Psycholinguistics

**Department(s)**

Elementary and Early Childhood Education

**Description**

Elective course in the Language and Literacy and Education for Diverse Populations Specialties. Required course in Bilingual Extension. Designed for bilingual teachers, this course concentrates on theoretical approaches to the study of the second language learning process in a bilingual classroom. Students explore aspects of second language acquisition as well as those factors involved in individual variations in achievements of students learning a new language attending bilingual programs.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 767 - English Language Learning in the Bilingual Classroom: Pedagogical Applications

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

767

**Course Title**

English Language Learning in the Bilingual Classroom: Pedagogical Applications

**Department(s)**

Elementary and Early Childhood Education

**Description**

Elective course in Language and Literacy and Education for Diverse Populations Specialties. Required course in Bilingual Extension. Designed for bilingual educators, this course surveys the alternative teaching methodologies for the learning of English as a new language. Special attention is placed on integrating English language teaching in the areas of mathematics, science, and social studies.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 768 - Supporting Development in Children with Special Needs.

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

768

**Course Title**

Supporting Development in Children with Special Needs.

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course in the Education for Diverse Populations Specialty. This course highlights the variety of developmental paths that children take to successful functioning. Students examine classroom practices that facilitate the performance of children with special needs, and develop strategies for building collaborations with families and communities to increase the effectiveness of educational interventions.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 769 - Teaching for Biliteracy

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

769

**Course Title**

Teaching for Biliteracy

**Department(s)**

Elementary and Early Childhood Education

**Description**

2 hours, 2 credits. Corequisite EECE 771 –Biliteracy Project (1 hour, 1 credit). This course provides a theoretical and practical basis for designing instruction and assessment that stimulates biliteracy development. Participants discuss theories of language and literacy development across two languages, critically consider beliefs and practices that shape how bilingual students' languages are approached in classrooms, and examine pedagogical approaches that leverage bilingual students' languages and literacy practices. Participants will learn and practice different teaching and assessment methodologies and develop skills in analyzing and creating instructional materials to teach biliteracy. This course is taught in English or in the participants' Bilingual Extension language.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

## EECE 770 - Supervision of Student Teachers in the Elementary School.

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

770

**Course Title**

Supervision of Student Teachers in the Elementary School.

**Department(s)**

Elementary and Early Childhood Education

**Description**

Matriculation in the MSED program or permission of the department; coreq.: currently teaching full-time in an elementary or early childhood classroom and current involvement with student teacher.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 771 - Biliteracy Project

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

771

**Course Title**

Biliteracy Project

**Department(s)**

Elementary and Early Childhood Education

**Description**

1 hour, 1 credit. Corequisite EECE 769 – Teaching for Biliteracy (2 hours, 2 credits). In this course, participants design a project that examines a particular aspect of teaching literacy in the language of the Bilingual Extension. Participants will define the scope and focus of the project with the instructor. Topics that may be addressed in this project include: (1) exploring instructional and assessment

methods for teaching language and literacy in the additional language; (2) analyzing/designing/implementing instructional materials to teach in the additional language; (3) observing and evaluating existing language arts programs in the additional language; (4) documenting literacy and cultural practices in the additional language in a local community. This course is taught in the language of the students' Bilingual Extension.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## EECE 772 - Families and Communities as Educators

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

772

**Course Title**

Families and Communities as Educators

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course in the Family and Community Studies Specialty. Examines historical and contemporary interrelationships among families, communities, and schools. Students investigate how schools, families, and communities as cultural agencies promote both continuity and change. Particular attention is given to developing strategies for working successfully within families, communities, and cultures in and around New York schools.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 773 - Families, Stories, and Literacy

**Overview****Academic Institution**

QNS01

**Subject area**  
EECE

**Catalog Number**  
773

**Course Title**  
Families, Stories, and Literacy

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Required course in Literacy MSEd. Elective course in the Family and Community Studies and Language and Literacy Learning Specialties. This course examines the reciprocal influences of families, stories, and literacy in the lives of children. Students apply constructs from developmental psychology and sociocultural perspectives to consider how families shape the young child's approach to language, stories, and literacy while in turn being shaped by the child's encounters with spoken and written words. This course will also include topics related to crosscultural perspectives on language acquisition and the development of effective strategies for teaching B-2 students who come to school with diverse language experiences and capabilities.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## EECE 774 - Social Issues in the Classroom

### Overview

**Academic Institution**  
QNS01

**Subject area**  
EECE

**Catalog Number**  
774

**Course Title**  
Social Issues in the Classroom

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Elective course in the Family and Community Studies Specialty. Examines survival skills from a pedagogical perspective of the kind of information children need, a developmental perspective of how children of different ages handle the information offered, and a diagnostic perspective of the risk factors and symptomatic behaviors of children in difficulty. Particular attention paid to questions of home-school domain, cultural differences, and family privacy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## EECE 775 - Building Home-School Collaborations.

### Overview

**Academic Institution**  
QNS01

**Subject area**  
EECE

**Catalog Number**  
775

**Course Title**  
Building Home-School Collaborations.

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Elective course in the Family and Community Studies Specialty. Prepares early childhood teachers to establish and maintain positive collaborations with families and communities. Using family systems theory, students examine dynamics, ideas, roles, and relationships within families and communities, and consider different strategies for communicating effectively with parents and involving families in assessment and planning for individual children, including children with special needs.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## EECE 776 - Culture and Education

### Overview

**Academic Institution**  
QNS01

**Subject area**  
EECE

**Catalog Number**  
776

**Course Title**  
Culture and Education

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Elective course in the Family and Community Studies Specialty. Deals with the interrelationship between culture and the educational process. Explores how schools are organized as cultural agencies and how culture organizes the activity in schools. Not limited to mainstream U.S. schools. Also looks at cases from other



**Academic Career**  
 Graduate  
 Interest of new perspectives. Gives particular attention to the uses of ethnography for teacher-researchers. Develops strategies to work successfully with the myriad of cultures in New York schools.

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 777 - Conflict Resolution in Educational Settings.

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

777

**Course Title**

Conflict Resolution in Educational Settings.

**Department(s)**

Elementary and Early Childhood Education

**Description**

Elective course in the Family and Community Studies and Education for Diverse Populations Specialties. Explores the origins and causes of conflict and various styles of conflict management. Conflicts between parents and teachers, teachers and administrators, students and their peers are considered. Students apply problem-solving models to multicultural school settings not included in this program.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 779 - Research in Children's Literature.

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

779

**Course Title**

Research in Children's Literature.

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course in the Children's Literature Specialty; open only to MS students specializing in Children's Literature. This course prepares students for later research courses by (1) focusing on exemplary research in the field of children's literature, (2) familiarizing students with professional journals, and (3) introducing students to noteworthy professional books.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 780 - Introduction to Educational Research

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

780

**Course Title**

Introduction to Educational Research

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course for all EECE graduate students. MAT students are encouraged to take this course as early in the program as possible. For MEd students, this course must be taken within the first 12 credits. Students are introduced to basic principles of quantitative and qualitative research design in educational settings. Emphasis is given to an examination of interdisciplinary perspectives on educational and social issues and to the integration of research evaluation with professional decision-making. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 781 - Inquiry into Teaching.

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
EECE	781

**Course Title**  
Inquiry into Teaching.

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
This culminating course for MAT students synthesizes theory and practice through a student-designed teacher-research project. Ongoing sharing of this classroom-based research provides a forum for discussion of key features of successful teaching. The course also addresses the interviewing process and preparation for entry into the teaching profession. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## EECE 782 - Teacher as Researcher

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
EECE	782

**Course Title**  
Teacher as Researcher

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
This is the culminating course in the MS sequence. It cannot be taken until students have completed all MS coursework. Students integrate the work they have done in their Specialty program with principles of educational research. Students prepare a culminating project that proposes and/or implements enhanced practice based on the theory and research that they have studied in the professional certificate program. Culminating projects must be conducted in the student's area of specialization. Public presentations of the culminating projects are included in this course. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## EECE 784 - Research Materials in Learning Technology

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
EECE	784

**Course Title**  
Research Materials in Learning Technology

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Required course for the Instructional Technology Specialty; open only to MS students in this specialty. The course examines knowledge of research design, sample selection, instrument choice or design, types of research, data analysis and interpretation, and writing a research report related to technology use in the classroom. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## EECE 785 - Research in Teaching and Learning Science.

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
EECE	785

**Course Title**  
Research in Teaching and Learning Science.

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Required course in the Science Education Specialization; open only to MS students in this specialty. This course is based on the newest framework for research in science education informed by the National Science Teachers Association and the

Association for the Education of Teachers in Science's principles governing scientific inquiry of teaching and learning in elementary science education. Students will examine current research regarding key learning standards identified by the NYS Department of Education. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 786 - Research in Elementary School Mathematics: Trends and Issues.

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

786

**Course Title**

Research in Elementary School Mathematics: Trends and Issues.

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course in the Mathematics Education Specialty; open only to MS students in this specialty. This course focuses on important trends and issues in mathematics research. Students acquire a historical perspective on mathematics education as well as a current overview of significant topics for research. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 787 - Research in Language and Literacy

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

787

**Course Title**

Research in Language and Literacy

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course in the Language and Literacy Specialty; open only to MSED students in this specialty. Deals with specific issues in language development, emergent literacy, reading instruction, writing process, language arts, and cross-cultural differences in linguistic and literacy practices and perceptions. Students develop projects for the improvement of practices in homes and schools.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 788 - Research in Education for Diverse Populations

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

788

**Course Title**

Research in Education for Diverse Populations

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course in the Education for Diverse Populations Specialty; open only to MS students in this specialty. This course focuses on current policies and strategies for enhancing the effectiveness of Education for Diverse Populations. Students will examine issues in assessment, prevention, and classroom interventions for children with diverse strengths and needs.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 789 - Research in Family and Community Studies

### Overview

**Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

789

**Course Title**

Research in Family and Community Studies

**Department(s)**

Elementary and Early Childhood Education

**Description**

Required course in the Family and Community Studies Specialty; open only to MS students in this specialty. Deals with schools as institutions of socialization that complement or conflict with families and communities as institutions of socialization and develops practical solutions to their interrelationships.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## EECE 7901 - Variable Topics: Independent Study

### Overview

**Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

7901

**Course Title**

Variable Topics: Independent Study

**Department(s)**

Elementary and Early Childhood Education

**Description**

Independent study or special project under supervision of a departmental faculty member. Permission of the Chair required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

1

**Maximum Units**

1

## EECE 7902 - Vt:Indep Study

### Overview

**Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

7902

**Course Title**

Vt:Indep Study

**Department(s)**

Elementary and Early Childhood Education

**Description**

Independent study or special project under supervision of a departmental faculty member. Permission of the Chair required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

2

**Maximum Units**

2

## EECE 7903 - Vt:Indep Study

### Overview

**Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

7903

**Course Title**

Vt:Indep Study

**Department(s)**

Elementary and Early Childhood Education

**Description**

Independent study or special project under supervision of a departmental faculty member. Permission of the Chair required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**EECE 7912 - Indep Stdy Biling Ed****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	7912

**Course Title**  
Indep Stdy Biling Ed

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Independent study or special project under faculty supervision. Permission of the Chair required.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
2	2

**EECE 7913 - Indep Stdy Biling Ed****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	7913

**Course Title**  
Indep Stdy Biling Ed

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Independent study or special project under faculty supervision. Permission of the Chair required.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**EECE 796 - Exploring Problems in History Through Literature.****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	796

**Course Title**  
Exploring Problems in History Through Literature.

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Required interdisciplinary core course for MS 1-6 students. MAT students may take this course as an elective. Takes an interdisciplinary approach to curriculum by combining the content and process of "doing history" with the focused use of language arts (reading, writing, speaking, and listening) as a means of learning in the elementary school. By applying the critical perspective of historians to the study of quality children's literature dealing with the past, this course engages teachers in curricular issues of both content and process. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**EECE 797 - Queens County as a Learning Lab.****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	797

**Course Title**  
Queens County as a Learning Lab.

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Required interdisciplinary core course for MS 1-6 students. MAT students may take this course as an elective. Working with organizations, institutions, and historical sites within the borough of Queens, students investigate and reflect on teaching and learning strategies for incorporating a study of Queens into their

classrooms. Emphasis is on the historical, geographical, political, economic, and social development of the borough. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## EECE 798 - Reading and Writing for Learning in Science

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	798

**Course Title**  
Reading and Writing for Learning in Science

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Required interdisciplinary core course for MS 1-6 students. MAT students may take this course as an elective. This course is designed to promote engaged learners who demonstrate curiosity, search for understanding in self-guided ways, communicate with others to share and test their ideas, contribute to the creation of a community of learners, and bring an enthusiastic quality to the classroom. Students learn to create science-learning environments that promote engaged readers and writers, and develop strategies that promote reading and writing across the disciplines. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## EECE 799 - Exploring Mathematical Ideas Through Literature

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	799

**Course Title**  
Exploring Mathematical Ideas Through Literature

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Required interdisciplinary core course for MS 1-6 students. MAT students may take this course as an elective. Explores the role of literature in an elementary school mathematics program. Students discuss criteria for selecting books and address issues of equity in children's literature, such as gender and multicultural perspectives. Students examine a wide range of math-related literature and develop effective instructional strategies for using these books to explore important mathematical concepts.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## EECE 800 - Workshop in Education.

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
EECE	800

**Course Title**  
Workshop in Education.

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
Designed to assist teachers in solving classroom problems. May be repeated for credit if topic is changed.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## EECE 8002 - Vt: Workshop in Education

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
EECE	8002

Course Title  
Vt: Workshop in Education

Department(s)  
Elementary and Early Childhood Education

Description  
Designed to assist teachers in solving classroom problems. May be repeated for credit if topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
2	2

## EECE 8003 - Vt:Workshop

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
EECE	8003

Course Title  
Vt:Workshop

Department(s)  
Elementary and Early Childhood Education

Description  
Designed to assist teachers in solving classroom problems. May be repeated for credit if topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## EECE 8004 - Vt:Workshop in Education

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
EECE	8004

Course Title  
Vt:Workshop in Education

Department(s)  
Elementary and Early Childhood Education

Description  
Designed to assist teachers in solving classroom problems. May be repeated for credit if topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
4	4

## EECE 801 - The Role of the Literacy Specialist

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
EECE	801

Course Title  
The Role of the Literacy Specialist

Department(s)  
Elementary and Early Childhood Education

Description  
This course is designed to provide the reading specialist with the knowledge, skills, and processes necessary to collaborate with other professionals in the school and community.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## EECE 802 - Teaching Strategies for the Literacy Specialist

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

802

#### Course Title

Teaching Strategies for the Literacy Specialist

#### Department(s)

Elementary and Early Childhood Education

#### Description

This course is designed to present the various techniques that the literacy specialist will need. It will prepare teachers to use their knowledge of literacy teaching techniques to meet the needs of individuals, small groups and whole classes.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## EECE 803 - Assessment and Instruction I

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

803

#### Course Title

Assessment and Instruction I

#### Department(s)

Elementary and Early Childhood Education

#### Description

This course is open only to students in the Literacy B-6 MEd and the Literacy Post-Master's. This course is the first course of two designed to provide the literacy specialist with the knowledge of an assessment and instruction framework. It provides a theoretical and practical basis for informed instruction based on assessment data. The course focuses on the selection and administration of authentic and performance-based assessments and the interpretation of assessment data to inform instruction to support student learning. Teachers practice classroom diagnostic procedures to assess, analyze, and provide instruction to enhance the reading and writing performance of students, and build their knowledge of literacy teaching techniques to meet the needs of individuals, small groups, and whole classes.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## EECE 804 - Assessment and Instruction II

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

804

#### Course Title

Assessment and Instruction II

#### Department(s)

Elementary and Early Childhood Education

#### Description

This course is open only to students in the Literacy B-6 MEd and the Literacy Post-Master's. This course is the second of two courses designed to provide the literacy specialist with the knowledge of an assessment and instruction framework. It provides a theoretical and practical basis for informed instruction based on assessment data. The course focuses on the selection and administration of standardized assessments and the interpretation of assessment data to inform instruction to support student learning. The teacher will learn techniques for using and interpreting standardized tests and will practice administering standardized tests to assess, analyze, and provide instruction to enhance the reading and writing performance of students, as well as build their knowledge of literacy teaching techniques to meet the needs of individuals, small groups, and whole classes.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## EECE 805 - Practicum

### Overview

#### Academic Institution

QNS01

#### Subject area

EECE

#### Catalog Number

805

#### Course Title

Practicum

#### Department(s)

Elementary and Early Childhood Education



**Description**

This course is open only to students in the Literacy B-6 MEd and the LiteracyPost-Master's. This course is designed to allow teachers to use all the knowledge and skill they have gained from their coursework to work with children who are struggling with literacy. Teachers will administer appropriate tests, analyze these tests, and determine an appropriate instruction for each child.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 806 - Content Area Literacy Across the Curriculum Capstone Course

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

806

**Course Title**

Content Area Literacy Across the Curriculum Capstone Course

**Department(s)**

Elementary and Early Childhood Education

**Description**

Prerequisites: EECE 750, EECE 796, EECE 797 The course is only available to students in the EECE Sabbatical Program for New York City teachers. This course is the final course in the Content Area Literacy Across the Curriculum: A Sabbatical Program for New York City Teachers

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## EECE 810 - Foundations of Language and Literacy ??

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

810

**Course Title**

Foundations of Language and Literacy ??

**Department(s)**

Elementary and Early Childhood Education

**Description**

This course explores the development of language and literacy through the study of literacy theories and research on literacy from varied fields and perspectives. Attention is given to the processes involved in language and literacy learning; language development for monolingual and multilingual learners; the relationship between oral language, reading, and writing; and difficulties in the learning of literacy. Teachers consider differing perspectives on language and literacy through the lenses of social justice, equity, and anti-racism.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## EECE 811 - Family, Community, and Literacy ??

**Overview****Academic Institution**

QNS01

**Subject area**

EECE

**Catalog Number**

811

**Course Title**

Family, Community, and Literacy ??

**Department(s)**

Elementary and Early Childhood Education

**Description**

This course explores the roles of family and community in the development of language and literacy. Teachers examine social justice, equity, and anti-racism as principles for engaging with families and communities, and study different approaches for establishing school-family partnerships. Teachers critically consider the ways schools and literacy instruction have marginalized certain language and cultural communities and explore how literacy instruction can be designed to build from and sustain the language and cultural practices of students, including students from multilingual families.??

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## EECE 812 - Teaching Early Literacy

### Overview

**Academic Institution**  
QNS01

**Subject area**  
EECE

**Catalog Number**  
812

**Course Title**  
Teaching Early Literacy

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
This course prepares teachers to design and implement literacy curricula and instruction for students learning to read and write. Teachers examine social justice, equity, and anti-racism as frameworks for instruction, and explore how to teach reading and writing skills within a broader understanding of students as developing readers and writers. Attention is given to ways to support students becoming readers and writers in literacy communities.

**Academic Career**  
Graduate

**Liberal Arts**  
No

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## EECE 813 - Literacy Assessment

### Overview

**Academic Institution**  
QNS01

**Subject area**  
EECE

**Catalog Number**  
813

**Course Title**  
Literacy Assessment

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
This course explores principles and practices for assessing literacy. Teachers learn how to administer and interpret literacy assessments, and how to use assessments to inform instruction to support student learning. Teachers critically examine issues of equity and bias in literacy assessments, and explore culturally responsive and sustaining assessment practices. Attention is given to the use of assessments to support students whose literacy learning needs are not met by standard school curricula and instruction.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## EECE 814 - Instructional Leadership in Literacy

### Overview

**Academic Institution**  
QNS01

**Subject area**  
EECE

**Catalog Number**  
814

**Course Title**  
Instructional Leadership in Literacy

**Department(s)**  
Elementary and Early Childhood Education

**Description**  
This course introduces the roles of the specialized literacy professional as an instructional leader. Teachers are introduced to foundations of adult learning and to social justice, equity, and anti-racism as frameworks for instructional leadership. Teachers apply these concepts to examine approaches to professional learning, coaching, and collaboration with school personnel and communities to organize and implement literacy programs.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## EECE 819 - Practicum in Literacy

### Overview

**Academic Institution**  
QNS01

**Subject area**  
EECE

**Catalog Number**  
819

**Course Title**  
Practicum in Literacy

**Department(s)**  
Elementary and Early Childhood Education

**Description**

This course provides teachers with a supervised practicum in teaching literacy to students in the elementary, middle, and secondary grades. Teachers develop and implement instruction that meets the specific literacy learning needs of students, administer appropriate literacy assessments, and collaborate with families. Students consider issues in teaching for social justice, equity, and anti-racism in their practice. This course includes spaces for structured reflection on teachers' instructional practice and issues in the field of literacy. ??

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ENGL 635 - Major English and American Novelists.

**Overview**

**Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

635

**Course Title**

Major English and American Novelists.

**Department(s)**

English

**Description**

The novel from the eighteenth century to the present.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ENGL 636 - History of Literary Criticism

**Overview**

**Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

636

**Course Title**

History of Literary Criticism

**Department(s)**

English

**Description**

Readings in the major critics from Plato and Aristotle to the present.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ENGL 638 - Modern Drama

**Overview**

**Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

638

**Course Title**

Modern Drama

**Department(s)**

English

**Description**

American, British, and European dramatic literature and theatre from Ibsen to the present

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ENGL 639 - Studies in Poetry

**Overview**

**Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

639

**Course Title**

Studies in Poetry

**Department(s)**

English

**Description**

A study of poetry, with an emphasis on close reading and theoretical and critical analysis of a range of poetic forms and texts.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ENGL 640 - Studies in Comics and Graphic Narrative

**Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

640

**Course Title**

Studies in Comics and Graphic Narrative

**Department(s)**

English

**Description**

A study of comics as a medium and of comics studies as a field, with an emphasis on close reading and theoretical and critical analysis of a range of graphic narratives.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ENGL 642 - Studies in Children's Literature

**Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

642

**Course Title**

Studies in Children's Literature

**Department(s)**

English

**Description**

An examination of methodologies used to study children's literature, with an emphasis on new theoretical developments in the field. Topics may include the definition of children's literature as a separate genre, changing visions of childhood, diversity in children's literature, and the wider cultural influence of children's texts.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ENGL 643 - Studies in Young Adult Literature

**Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

643

**Course Title**

Studies in Young Adult Literature

**Department(s)**

English

**Description**

An examination of methodologies used to study young adult literature, with an emphasis on new theoretical developments in the field. Topics may include young adult literature as a reflection of the social and cultural history of adolescence, diversity in the field, and the wider cultural influence of young adult texts.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ENGL 644 - Studies in Nonfiction Prose

**Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

644

**Course Title**

Studies in Nonfiction Prose

**Department(s)**

English

**Description**

An examination of literary nonfiction, with an emphasis on critical analysis, cultural context, and new developments in the field. Topics may include memoir, essays, and literary journalism.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ENGL 662 - The English Language****Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

662

**Course Title**

The English Language

**Department(s)**

English

**Description**

Structure and development of modern English including the historical evolution of the English language, current ideas on language acquisition, geographical and cultural diversity in language use (dialects, pidgins, and creolization), standard English phonology, morphology, syntax, and semantics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ENGL 663 - Studies in Gender and Sexualities****Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

663

**Course Title**

Studies in Gender and Sexualities

**Department(s)**

English

**Description**

A study of the construction and representation of gender and sexualities, drawing on theoretical, historical, and critical perspectives. The course may give a wide survey or focus on particular topics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ENGL 664 - Studies in Race and Ethnicity****Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

664

**Course Title**

Studies in Race and Ethnicity

**Department(s)**

English

**Description**

A comparative study of the literature of two or more racialized or ethnic groups, examining race and ethnicity as historically formulated in relation to concepts like gender, sexuality, class, national identity, citizenship, immigration, and inequality. Considers the theories and methods associated with studying race, racialization, and ethnicity in local, national and comparative global/transnational contexts.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ENGL 673 - New Approaches to English Grammar

### Overview

#### Academic Institution

QNS01

#### Subject area

ENGL

#### Catalog Number

673

#### Course Title

New Approaches to English Grammar

#### Department(s)

English

#### Description

Recent theories and techniques in linguistics

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ENGL 681 - Special Studies

### Overview

#### Academic Institution

QNS01

#### Subject area

ENGL

#### Catalog Number

681

#### Course Title

Special Studies

#### Department(s)

English

#### Description

A study of literature and a related topic. Subject will vary from semester to semester and will be announced in advance. In recent years the following courses have been offered: Influence of Myth, Influence of the Bible, Black Literature, Literature and Psychology, Great Books of the Twentieth Century, Literature and Politics, Literature and Cinema, and Literature and Theatre.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ENGL 701 - Seminar in Graduate Methodology

### Overview

#### Academic Institution

QNS01

#### Subject area

ENGL

#### Catalog Number

701

#### Course Title

Seminar in Graduate Methodology

#### Department(s)

English

#### Description

Development of proficiency in literary research and bibliographical methods through individual research projects involving frequent library assignments. Normally to be taken in the first semester of graduate work, and certainly before the writing of the thesis.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ENGL 702 - Graduate Methodology for English-Education Students

### Overview

#### Academic Institution

QNS01

#### Subject area

ENGL

#### Catalog Number

702

#### Course Title

Graduate Methodology for English-Education Students

#### Department(s)

English

#### Description

Training in current research methods on literature combined with an understanding of contemporary literary and cultural criticism, along with the elements of literary and cultural theory needed to understand such criticism. In addition to frequent library assignments, a major research paper will be required.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ENGL 703 - Composition Theory and Literacy Studies****Overview**Academic Institution  
QNS01Subject area  
ENGLCatalog Number  
703**Course Title**

Composition Theory and Literacy Studies

**Department(s)**

English

**Description**

A study of literacy practices, the many varied forms of reading and writing, and of writing pedagogy in relation to texts that put literacy into wide historical and theoretical contexts. Recommended for MSED in place of ENGL 701.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ENGL 719 - Studies in Medieval Literature****Overview**Academic Institution  
QNS01Subject area  
ENGLCatalog Number  
719**Course Title**

Studies in Medieval Literature

**Department(s)**

English

**Description**

Studies in Medieval Literature

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ENGL 720 - Studies in Renaissance Literature****Overview**Academic Institution  
QNS01Subject area  
ENGLCatalog Number  
720**Course Title**

Studies in Renaissance Literature

**Department(s)**

English

**Description**

Studies in Renaissance Literature

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ENGL 721 - Studies in Seventeenth-Century Literature****Overview**Academic Institution  
QNS01Subject area  
ENGLCatalog Number  
721**Course Title**

Studies in Seventeenth-Century Literature

**Department(s)**

English

**Description**

Studies in Seventeenth-Century Literature.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ENGL 722 - Studies in Eighteenth-Century Literature

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ENGL	722

Course Title  
Studies in Eighteenth-Century Literature

Department(s)  
English

Description  
Studies in Eighteenth-Century Literature

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ENGL 723 - Studies in Romantic Literature

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ENGL	723

Course Title  
Studies in Romantic Literature

Department(s)  
English

Description  
Studies in Romantic Literature

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ENGL 724 - Studies in Victorian Literature

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ENGL	724

Course Title  
Studies in Victorian Literature

Department(s)  
English

Description  
Studies in Victorian Literature

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ENGL 726 - Studies in Early American Literature

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ENGL	726

Course Title  
Studies in Early American Literature

Department(s)  
English

Description  
Studies in Early American Literature

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required



### Credits

Minimum Units	Maximum Units
3	3

## ENGL 727 - Studies in American Literature, 1820-1920

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ENGL	727

Course Title  
Studies in American Literature, 1820-1920

Department(s)  
English

Description  
Studies in American Literature, 1820-1920

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ENGL 728 - Late Nineteenth- and Early Twentieth-Century U.S. Literature

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ENGL	728

Course Title  
Late Nineteenth- and Early Twentieth-Century U.S. Literature

Department(s)  
English

Description  
See department for more information.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ENGL 729 - Studies in Modern Literature

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ENGL	729

Course Title  
Studies in Modern Literature

Department(s)  
English

Description  
Studies in Modern Literature

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## ENGL 731 - Literatures of the African Diaspora

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
ENGL	731

Course Title  
Literatures of the African Diaspora

Department(s)  
English

Description  
A study focused on a wide array of global predicaments from the vantage point of Africans dispersed in the Mediterranean, the Indian Ocean, and especially the Atlantic world and their descendants. Topics may include but are not limited to labor, social movement, literary style, folk culture, commodification, and sexual politics at any time from the 1450s to the present.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ENGL 732 - Latina/o/x Literature****Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

732

**Course Title**

Latina/o/x Literature

**Department(s)**

English

**Description**

A study of literature written by and about Latinas, Latinos, and Latinxs; and of the theories and methodologies of Latinx studies as a field.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ENGL 733 - Asian American Literature****Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

733

**Course Title**

Asian American Literature

**Department(s)**

English

**Description**

A study of literature written by and about Asian Americans and of the theoretical and critical questions and methodologies of Asian American studies as a field.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ENGL 734 - Native American and Indigenous Literatures****Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

734

**Course Title**

Native American and Indigenous Literatures

**Department(s)**

English

**Description**

A study of literature written by and about Native American and Indigenous peoples, and a consideration of the theoretical questions and methodologies of Native American and Indigenous studies as a field.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ENGL 735 - Global Literature****Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

735

**Course Title**

Global Literature

**Department(s)**

English

**Description**

A study of literature that interrogates the borders of the modern nation-state, with an emphasis on the uneven processes of translation, circulation, and globalization that define the literary world. Topics may include theories of post coloniality, indigeneity, and global English.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## ENGL 736 - Studies in Criticism

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	736

**Course Title**  
Studies in Criticism

**Department(s)**  
English

**Description**  
Studies in Criticism

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## ENGL 742 - Studies in Shakespeare's Plays

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	742

**Course Title**  
Studies in Shakespeare's Plays

**Department(s)**  
English

**Description**  
Studies in Shakespeare's Plays

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## ENGL 751 - Workshop in Fiction

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	751

**Course Title**  
Workshop in Fiction

**Department(s)**  
English

**Description**  
May be repeated for credit

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## ENGL 753 - Workshop in Poetry

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	753

**Course Title**  
Workshop in Poetry

**Department(s)**  
English

**Description**  
May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ENGL 755 - Workshop in Drama****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	755

**Course Title**  
Workshop in Drama

**Department(s)**  
English

**Description**  
May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ENGL 757 - Workshop in Special Topics in Creative Writing****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	757

**Course Title**  
Workshop in Special Topics in Creative Writing

**Department(s)**  
English

**Description**  
An intensive study of one or more writing genres, with appropriate readings and writing practice; e. g., literary essay, children's literature, narrative poetry, science fiction, etc. May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ENGL 758 - MFA Thesis Workshop****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	758

**Course Title**  
MFA Thesis Workshop

**Department(s)**  
English

**Description**  
A multi-genre MFA thesis workshop with an intensive focus on writing the MFA thesis, reading for the MFA exam and writing the required MFA process paper.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**ENGL 759 - Advanced Writing Project (Thesis)****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	759

**Course Title**  
Advanced Writing Project (Thesis)

**Department(s)**  
English

**Description**  
Preparation of the required creative writing project under the supervision of an instructor.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**ENGL 760 - Fiction in Theory and Practice****Overview**Academic Institution  
QNS01Subject area  
ENGLCatalog Number  
760Course Title  
Fiction in Theory and PracticeDepartment(s)  
English**Description**

An intensive study of the theory of fiction, with close reading of a number of stories, novellas, and/or novels and readings in literary criticism. (This is not a writing workshop course but one in the critical reading of fiction. It is designed especially for creative writers.) Repeatable for credit.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**ENGL 761 - Poetry in Theory and Practice****Overview**Academic Institution  
QNS01Subject area  
ENGLCatalog Number  
761Course Title  
Poetry in Theory and PracticeDepartment(s)  
English**Description**

An intensive study of poetical theory, with close reading of a number of poets and readings in literary criticism. (This is not a writing workshop course but one in the critical reading of poetry. It is designed especially for creative writers.) Repeatable for credit.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**ENGL 762 - Drama in Theory and Practice****Overview**Academic Institution  
QNS01Subject area  
ENGLCatalog Number  
762Course Title  
Drama in Theory and PracticeDepartment(s)  
English**Description**

An intensive study of the theory of drama, with close reading of a number of plays and readings in literary criticism. (This is not a writing workshop course but one in the critical reading of drama. It is designed especially for creative writers.) Repeatable for credit.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**ENGL 763 - Translation in Theory and Practice****Overview**Academic Institution  
QNS01Subject area  
ENGLCatalog Number  
763Course Title  
Translation in Theory and PracticeDepartment(s)  
English**Description**

An intensive study of the theory of translation, with close reading of translation theories and practices. (This is not a writing workshop course but one in the critical reading of translation theories. It is designed for translators and writers in the MFA Program.)

Academic Career  
Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ENGL 781 - Special Seminars

**Overview**

**Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

781

**Course Title**

Special Seminars

**Department(s)**

English

**Description**

Intensive analysis of a major figure, type, trend, or problem, under the guidance of a specialist. The subject will vary from semester to semester and will be announced in advance together with any special prerequisites.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## ENGL 7881 - Coop Educ Placement

**Overview**

**Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

7881

**Course Title**

Coop Educ Placement

**Department(s)**

English

**Description**

Experiential learning through placement. Opportunity to test and demonstrate academic learning in an organizational setting. Students receive academic credits as well as a stipend from the placement. A learning contract as well as an academically related project will be worked out with an advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## ENGL 7882 - Cooperative Education Placement

**Overview**

**Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

7882

**Course Title**

Cooperative Education Placement

**Department(s)**

English

**Description**

Experiential learning through placement. Opportunity to test and demonstrate academic learning in an organizational setting. Students receive academic credits as well as a stipend from the placement. A learning contract as well as an academically related project will be worked out with an advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## ENGL 7884 - Cooperative Education Placement

**Overview**

**Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

7884

**Course Title**

Cooperative Education Placement

**Department(s)**

English

**Description**

Experiential learning through placement. Opportunity to test and demonstrate academic learning in an organizational setting. Students receive academic credits as well as a stipend from the placement. A learning contract as well as an academically related project will be worked out with an advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## ENGL 7885 - Co-op Education Placement

**Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

7885

**Course Title**

Co-op Education Placement

**Department(s)**

English

**Description**

Experiential learning through placement. Opportunity to test and demonstrate academic learning in an organizational setting. Students receive academic credits as well as a stipend from the placement. A learning contract as well as an academically related project will be worked out with an advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

5

**Maximum Units**

5

## ENGL 7886 - Coop Education Placement

**Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

7886

**Course Title**

Coop Education Placement

**Department(s)**

English

**Description**

Experiential learning through placement. Opportunity to test and demonstrate academic learning in an organizational setting. Students receive academic credits as well as a stipend from the placement. A learning contract as well as an academically related project will be worked out with an advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## ENGL 791 - Thesis Course

**Overview****Academic Institution**

QNS01

**Subject area**

ENGL

**Catalog Number**

791

**Course Title**

Thesis Course

**Department(s)**

English

**Description**

Students should not register for this course until they have consulted the Graduate Advisor, tentatively established a topic, and obtained the agreement of a faculty member to act as supervisor. If the thesis is not completed by the end of the semester during which the student is registered for this course, a grade of Incomplete will be given, which must be made up no later than by the end of the four-year period allotted for completion of the master's degree.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ENGL 792 - Thesis Workshop

**Overview****Academic Institution**

QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	792
<b>Course Title</b>	
Thesis Workshop	
<b>Department(s)</b>	
English	
<b>Description</b>	
Can only enroll with permission of instructor. Workshop for students completing MA thesis.	
<b>Academic Career</b>	
Graduate	
<b>Liberal Arts</b>	
Yes	
<b>Permission Type</b>	
No Special Consent Required	

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
1	1

## ENGL 793 - Teaching College Writing

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	793

**Course Title**  
Teaching College Writing

**Department(s)**  
English

**Description**  
A study of composition theories, writing pedagogy, and literacy studies in the context of the college writing classroom. Required for all graduate students teaching in the English department at Queens College.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## ENGL 795 - Independent Study

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENGL	795
<b>Course Title</b>	
Independent Study	
<b>Department(s)</b>	
English	
<b>Description</b>	
Tutorial for work in a special subject not covered by regular course offerings. May be repeated for credit if the topic is changed. Open only to candidates for the MA in English.	
<b>Academic Career</b>	
Graduate	
<b>Liberal Arts</b>	
Yes	
<b>Permission Type</b>	
No Special Consent Required	

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## ENSCI 7991 - Special Topics in Environmental Sciences

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
ENSCI	7991

**Course Title**  
Special Topics in Environmental Sciences

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
This course will cover topics of current interest in a specific field of environmental sciences. Topics may vary. The course may be repeated for credit if the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
1	1



## ENSCI 7992 - Special Topics in Environmental Sciences

### Overview

#### Academic Institution

QNS01

#### Subject area

ENSCI

#### Catalog Number

7992

#### Course Title

Special Topics in Environmental Sciences

#### Department(s)

School of Earth and Environmental Sciences

#### Description

This course will cover topics of current interest in a specific field of environmental sciences. Topics may vary. The course may be repeated for credit if the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

2

#### Maximum Units

2

## ENSCI 7993 - Special Topics in Environmental Sciences

### Overview

#### Academic Institution

QNS01

#### Subject area

ENSCI

#### Catalog Number

7993

#### Course Title

Special Topics in Environmental Sciences

#### Department(s)

School of Earth and Environmental Sciences

#### Description

This course will cover topics of current interest in a specific field of environmental sciences. Topics may vary. The course may be repeated for credit if the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 538 - Introduction to Teaching Family & Consumer Sciences.

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

538

#### Course Title

Introduction to Teaching Family &amp; Consumer Sciences.

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

The roles of the family and consumer sciences (FCS) teacher are explored. This course will introduce students to the essential concepts of becoming a FCS teacher including lesson planning, curriculum development, use of instructional strategies and technology, assessment, classroom management, and reflection.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 560 - The Teaching Process and Assessment in Physical Education

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

560

#### Course Title

The Teaching Process and Assessment in Physical Education

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

This course looks at the teaching process and assessment in physical education through the analysis and assessment of student learning and teacher practice. Coursework includes developing and assessing lessons based on state and national standards. Grade required for this course is equal to, or better than, a B. To progress through the sequence you must receive a B or better.

#### Academic Career

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 561 - Methods for Teaching Early Childhood and Elementary Physical Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

561

**Course Title**

Methods for Teaching Early Childhood and Elementary Physical Education

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

25 hours of Fieldwork required. This course examines relevant principles, methods and materials for teaching these specific age groups through teaching experiences. Includes methods for working with special populations and different ability levels. Students also learn about incorporating state and national standards into lessons and planning developmentally appropriate activities and content. Grade required for this course is equal to, or better than, a B.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 562 - Seminar in the Teaching of Physical Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

562

**Course Title**

Seminar in the Teaching of Physical Education

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

25 hours of Fieldwork required. Examines relevant methods and materials for teaching students at the middle and high school levels. Includes methods of integrating State and National standards into the curriculum, specific to these age levels. Grade required for this course is equal to, or better than, a B.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 563 - Seminar in the Teaching of Family and Consumer Sciences

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

563

**Course Title**

Seminar in the Teaching of Family and Consumer Sciences

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course focuses on preparing students for the student teaching experience emphasizing teaching models, learning styles, State learning standards, curriculum, unit/weekly and daily lesson planning, classroom management, working with students with special needs, assessment and professional development.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 573 - Student Teaching in Physical Education.

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

573

**Course Title**

Student Teaching in Physical Education.

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Supervised teaching and observation in elementary and secondary schools. Students are required to spend a minimum of 7 weeks at each level.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## FNES 574 - Student Teaching in Family and Consumer Sciences

**Overview****Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

574

**Course Title**

Student Teaching in Family and Consumer Sciences

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course is the student teaching experience which involves spending 25-30 hours a week teaching Family and Consumer Sciences classes at two different school levels. The course also includes attending a three-hour on-campus seminar.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

## FNES 636 - Technology Integration for Teaching and Learning in FCS

**Overview****Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

636

**Course Title**

Technology Integration for Teaching and Learning in FCS

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course provides teachers an opportunity to develop the skills necessary to effectively integrate technology into their curriculum, instruction, and assessment of FCS courses taught at the secondary level. A variety of digital tools will be explored and evaluated by the teachers for creating learner-driven activities that emphasize meaningful and responsible use of technology.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## FNES 637 - Contemporary Educational Trends and the Effect on Family and Consumer Sciences Curricula.

**Overview****Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

637

**Course Title**

Contemporary Educational Trends and the Effect on Family and Consumer Sciences Curricula.

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course is part of the pedagogy core for preparing students for the student teaching experience. As part of the process, contemporary educational trends and their effect on teacher implementation of curricula will be examined.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## FNES 643 - Teaching Diverse Student Populations Family and Consumer Sciences.

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

643

#### Course Title

Teaching Diverse Student Populations Family and Consumer Sciences.

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

Examination of the subject areas that constitute the discipline of Family and Consumer Sciences and analysis of how to adapt teaching techniques to meet the abilities, backgrounds, and interests of diverse student populations. Attention given to the process of nondiscriminatory authentic assessment.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 702 - Statistical Methods in FNES.

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

702

#### Course Title

Statistical Methods in FNES.

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

Application of descriptive, correlational and inferential statistical methods in one-, two- and multi-group comparisons in parametric and non-parametric independent and correlated sample distributions.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 705 - Research Methods in Physical Education

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

705

#### Course Title

Research Methods in Physical Education

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

Methods and techniques used in designing analytical, historical, descriptive correlational, methodological, epidemiological, experimental, qualitative and evaluative research in physical education.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 707 - Cultural and Ethnic Foods

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

707

#### Course Title

Cultural and Ethnic Foods

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

Research methods and design strategies used in analytical, descriptive, qualitative and experimental research studies with emphasis on educational issues in family and consumer sciences and physical education. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**FNES 708 - Seminar in Health, Physical Education, and Movement Science****Overview**Academic Institution  
QNS01Subject area  
FNESCatalog Number  
708Course Title  
Seminar in Health, Physical Education, and Movement ScienceDepartment(s)  
Family, Nutrition and Exercise SciencesDescription  
Topic announced each semester. May be repeated for credit for different topic.Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**FNES 710 - Enteral and Parenteral Nutrition Support****Overview**Academic Institution  
QNS01Subject area  
FNESCatalog Number  
710Course Title  
Enteral and Parenteral Nutrition SupportDepartment(s)  
Family, Nutrition and Exercise SciencesDescription  
The provision of nutrition support, through enteral and parenteral nutrition to treat or prevent malnutrition in acute and chronic disease states and critical illness. This course will focus on enteral and parenteral access, appropriate prescription of nutrition support based on evidence based guidelines and ethical issues related to nutrition support. This course may assist with preparation for taking the clinical nutrition support clinician (CNSC) certification examination.Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**FNES 711 - VT: Contemporary Issues in FNES****Overview**Academic Institution  
QNS01Subject area  
FNESCatalog Number  
711Course Title  
VT: Contemporary Issues in FNESDepartment(s)  
Family, Nutrition and Exercise SciencesDescription  
Topics vary from semester to semester. Controversies and emerging topics of professional interest in FNES. May be repeated for credit when the topic is different.Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**FNES 713 - Curriculum Development in Physical Education****Overview**Academic Institution  
QNS01Subject area  
FNESCatalog Number  
713Course Title  
Curriculum Development in Physical EducationDepartment(s)  
Family, Nutrition and Exercise SciencesDescription  
The study of curriculum design in physical education. Students will study the methods and procedures for curriculum development, as well as, the implementation of curriculum models in school settings. Course includes 4-6 site visits.Academic Career  
Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 714 - Analysis of Teaching Physical Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

714

**Course Title**

Analysis of Teaching Physical Education

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

The study of the processes involved in teaching physical education. Students will study traditional and new styles of teaching physical education to all grade levels, as well as, ways of analyzing student and teacher behavior in physical education classes. Course includes 4-6 site visits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 715 - Movement Experiences for Atypical Populations

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

715

**Course Title**

Movement Experiences for Atypical Populations

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Programmatic approaches to perceptual-motor skill development of individuals with learning handicaps and disabilities, emotional disturbances and physical handicaps. The course provides methods of teaching, assessment strategies, and team approaches.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 716 - Application of Contextual Issues in Physical Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

716

**Course Title**

Application of Contextual Issues in Physical Education

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course studies the contextual issues in suburban and urban physical settings. Topics, such as technology, resources in physical education, body composition, fitness training, and alternative ways of teaching competitive sport in physical education will be studied and applied within the school setting.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 717 - Geriatric Nutrition

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

717

**Course Title**

Geriatric Nutrition

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course is an overview of the normal, acute and chronic physical changes associated with the aging process and its effect on nutritional status. Students will develop a basic understanding of nutritional concerns of older persons, and recognize dietary practices and nutritional needs specific to older individuals.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**FNES 719 - Cardiac Rehabilitation Programs**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

719

**Course Title**

Cardiac Rehabilitation Programs

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Overview of the concepts, design and implementation of primary prevention and cardiac rehabilitation programs.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**FNES 720 - Exercise Physiology**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

720

**Course Title**

Exercise Physiology

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Understanding mechanisms underlying exercise at the cellular, tissue, organ and system levels. Emphasis given on critically evaluating scientific studies in exercise science.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**FNES 721 - Principles of Electrocardiography and Stress Testing**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

721

**Course Title**

Principles of Electrocardiography and Stress Testing

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Study of the fundamentals of electrocardiography with special emphasis on its application to exercise stress testing. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**FNES 722 - Exercise, Energy Balance, and Body Composition**

**Overview**

**Academic Institution**

QNS01

**Subject area**  
FNES

**Catalog Number**  
722

**Course Title**  
Exercise, Energy Balance, and Body Composition

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Interrelationships between exercise energetics, energy balance, and body composition.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## FNES 723 - Physical Activity and Cardiovascular Health

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
FNES                                      723

**Course Title**  
Physical Activity and Cardiovascular Health

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Review of research relating physical activity to coronary heart disease, with special emphasis on mortality/morbidity, reversal of atherogenesis, cardiovascular disease risk factors, and myocardial function.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## FNES 724 - Adult Fitness and Exercise Prescription.

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
FNES                                      724

**Course Title**  
Adult Fitness and Exercise Prescription.

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Use of exercise to evaluate and improve cardiovascular function in adults in health and disease.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## FNES 725 - Measurement of Physical Fitness and Body Composition.

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
FNES                                      725

**Course Title**  
Measurement of Physical Fitness and Body Composition.

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Laboratory and field methods for assessing the various aspects of physical fitness.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3



## FNES 726 - Internship in Adult Fitness and/or Cardiac Rehabilitation

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

726

#### Course Title

Internship in Adult Fitness and/or Cardiac Rehabilitation

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

In addition to regular seminar meetings on campus, the on-site hourly requirement varies according to the clinical nature of the internship program with the minimum requirement of 130 hrs. This course will provide an in-depth, highly structured, practical experience in a formalized program dealing with fitness and health enhancement in healthy adult populations as well as populations involved in rehabilitative programs. The internship integrates the basic academic classroom and laboratory learning of the university setting and applies this knowledge to existing community, corporate, and/or clinically based programs.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 727 - The Meanings of Dress

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

727

#### Course Title

The Meanings of Dress

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

The focus of this course is to expand awareness and understanding of the role dress plays in today's global society. The significance of dress will be investigated through different lenses that include psychology, sociology, culture, and sexual identity. How dress reflects self-expression, establishes social identities and affects interpersonal encounters will be examined and discussed.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 728 - New Trends in Textiles and Apparel

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

728

#### Course Title

New Trends in Textiles and Apparel

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

The study of the global textile and apparel industries and what influences trends to come and go. Discussions focus on cultural and societal trends, designer trends, and environmental trends that impact the industry. Learn how technology is changing the textile and apparel landscape to meet consumer demands and create unconventional textile products.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 729 - Cardiovascular Disease, Electrocardiography and Stress Testing

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

729

#### Course Title

Cardiovascular Disease, Electrocardiography and Stress Testing

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

Study of the pathophysiology of common cardiovascular diseases and the fundamentals of electrocardiography with special emphasis on its application to exercise stress testing.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## **FNES 730 - Mechanical Analysis of Human Movement**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

730

**Course Title**

Mechanical Analysis of Human Movement

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

An analysis of the mechanics of human motion based upon the application of principles and laws of physics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## **FNES 731 - Research I: Action Research in Family & Consumer Sciences Education.**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

731

**Course Title**

Research I: Action Research in Family & Consumer Sciences Education.

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course examines action research and its role in decision-making to improve the elements of the action research process, including identifying a problem, determining a problem statement, conducting a literature review, planning for the collection and the analysis of data, and creating a plan of action. Methods for collecting, evaluating, and analyzing data are discussed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## **FNES 732 - Research II: Assessment & Evaluation in Family & Consumer Sciences Education.**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

732

**Course Title**

Research II: Assessment & Evaluation in Family & Consumer Sciences Education.

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course focuses on using a variety of classroom assessments to improve student learning and teacher instruction. In Part II of the research sequence, teachers will use the Classroom Assessment Cycle to learn about different assessment techniques, how to plan an action research project, collect evidence of student learning, and use student data to improve instruction.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## **FNES 733 - Physical Activity, Health and Exercise Prescription I**

**Overview**

**Academic Institution**

QNS01

**Subject area**  
FNES

**Catalog Number**  
733

**Course Title**  
Physical Activity, Health and Exercise Prescription I

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Application of the current scientific evidence on exercise prescription for the improvement of cardiovascular function, musculoskeletal function and overall health. Understanding of the role of physical activity in chronic disease prevention and health promotion throughout the lifespan, including common methods used to evaluate physical activity. Health appraisal and risk assessment are included. In-depth study of program design principles for various special populations.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## FNES 734 - Physical Activity, Health and Exercise Prescription II

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
734

**Course Title**  
Physical Activity, Health and Exercise Prescription II

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Application of the current scientific evidence on exercise prescription and program design principles for the improvement of health in people with diseases and disorders of the neuromuscular system, immune system, musculoskeletal system, as well as those with chronic cardiovascular, respiratory and metabolic diseases. Exercise testing principles for each disease or disorder are included.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## FNES 740 - Motor Learning and Performance.

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
740

**Course Title**  
Motor Learning and Performance.

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Psychological, physiological, and neurological principles that facilitate learning and performance of motor skills.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## FNES 741 - Drugs: A Family, School, and Community Problem

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
741

**Course Title**  
Drugs: A Family, School, and Community Problem

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
A broad approach to the extremely complex drug abuse problem in society today including the medical, legal, psychological, and social aspects of the problem to create an awareness and better understanding of the problem, how it affects the individual, the family, the community, and society.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## FNES 742 - Child Study Lab in Family and Consumer Sciences

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

742

#### Course Title

Child Study Lab in Family and Consumer Sciences

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

This course is intended for Family and consumer Science teachers who seek to develop and/or enhance an early childhood program involving secondary students and nursery school children. In this course, we will evaluate the needs of the school and larger community, discuss best practices in early childhood and teacher education, and explore ways to supervise high school students as teachers.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 745 - The Child in the Family

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

745

#### Course Title

The Child in the Family

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

The role of the child in the family from preschool through adolescence. Familial practices evaluated in terms of their effect on the child's development

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 747 - An Analysis of Teaching Family and Consumer Sciences.

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

747

#### Course Title

An Analysis of Teaching Family and Consumer Sciences.

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

Focuses on examining models of teaching and developing reflective planning, teaching, and evaluation strategies for enhancing professional performance. Provides an opportunity for Family and Consumer Sciences teachers to explore their current ideas and teaching practices for addressing the needs, interests, abilities, and learning styles of diverse student populations. Professional self-awareness will be developed using a variety of approaches including videotape analysis, peer review, and case studies

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## FNES 748 - Curriculum Development: Theories and Challenges for Family and Consumer Sciences

### Overview

#### Academic Institution

QNS01

#### Subject area

FNES

#### Catalog Number

748

#### Course Title

Curriculum Development: Theories and Challenges for Family and Consumer Sciences

#### Department(s)

Family, Nutrition and Exercise Sciences

#### Description

An in-depth study of the conceptual framework and philosophy of Family and Consumer Sciences education and the challenges and opportunities the discipline presents for developing curriculum. Teachers will examine various approaches to curriculum development as well as National and NYS Learning Standards and plan curriculum that links them with practices that actively engage students

#### Academic Career

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 749 - Contemporary Home and Family Living

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

749

**Course Title**

Contemporary Home and Family Living

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Research and practices about family and interpersonal relations in contemporary living.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 751 - Resources for Consumer Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

751

**Course Title**

Resources for Consumer Education

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Materials and methods in teaching consumer education with special emphasis on the role of individuals and families as consumers.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 753 - Building Relationships Inside and Outside the Classroom

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

753

**Course Title**

Building Relationships Inside and Outside the Classroom

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course focuses on building and maintaining positive relationships within a school: students in the classroom and people outside the classroom like administrators, colleagues, and parents. Being able to productively work with others from different cultural backgrounds and diverse perspectives is an essential skill in today's world. Another key skill for teachers is learning how to best manage a classroom of students with a diversity of academic, social and emotional needs. This course provides teachers research-based strategies and best practices in developing a classroom environment that can build positive connections with students, partnerships with parents, and productive relationships with others in a school.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 755 - Sustainability Practices in Family and Consumer Sciences

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

755

**Course Title**

Sustainability Practices in Family and Consumer Sciences

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

As a discipline, Family and Consumer Sciences incorporates sustainability practices that allows individuals to strengthen and extend their capacity to live a more sustainable life. In response to sustainability initiatives around the world, preparing students for stewardship of their communities and planet becomes increasingly important. In this course, current topics in sustainability education and best practices will be examined across Family and Consumer Sciences through readings, videos, and discussions.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## FNES 760 - Food Trends and Issues in Family and Consumer Sciences

**Overview****Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

760

**Course Title**

Food Trends and Issues in Family and Consumer Sciences

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

This course explores current trends and issues within the food industry. Students will explore how food has changed over time and evaluate the impact these changes have on today's families. Students will examine various health concerns including food allergies, sensitivities, and alternative diets. Current trends and issues will be researched and debated to gain a better understanding of the role food plays locally and globally.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## FNES 762 - Nutrition Counseling

**Overview****Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

762

**Course Title**

Nutrition Counseling

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Principles of dietary counseling for the general population and for individuals with special health problems.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## FNES 763 - Nutritional Pathophysiology I

**Overview****Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

763

**Course Title**

Nutritional Pathophysiology I

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

The relation between nutrition and specific diseases is explored. This part of the course will focus on the systemic response to injury and systemic inflammation, endocrine dysregulation, genetic regulation, cardiac and cardiovascular disorders, pulmonary diseases, and nervous system disorders. The discussions will include the pathophysiology of the diseases, with risk factors, clinical manifestation, and current standard and emerging options for Nutrition therapy and prevention.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## FNES 764 - Nutritional Pathophysiology II

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
FNES	764

**Course Title**  
Nutritional Pathophysiology II

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Standard and emerging options for Nutrition therapy and prevention are explored for intestinal diseases, kidney diseases and diseases of the joint and skeletal system. The discussion will be based on the pathophysiology of the diseases and will include risk factors and clinical manifestation.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## FNES 765 - Resources for Nutrition Education

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
FNES	765

**Course Title**  
Resources for Nutrition Education

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
A detailed survey and assessment of resources for nutrition education applicable to a wide variety of audiences.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## FNES 767 - Advanced Diet Therapy

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
FNES	767

**Course Title**  
Advanced Diet Therapy

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
This course examines the rationale of therapeutic diets and their physiological bases. Current trends in the practice of developing special diets for persons under medical care will be stressed.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## FNES 768 - Advanced Nutrition

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
FNES	768

**Course Title**  
Advanced Nutrition

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Recent advances in nutrition and interpretation. A systematic survey of journals and other sources.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## FNES 770 - Community Nutrition

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
FNES	770

**Course Title**  
Community Nutrition

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
A survey of the content, organization, and administration of the publicly and privately sponsored nutrition programs and services offered to the community and of the legislation regulating and affecting these programs. Research studies evaluating such programs will also be examined.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## FNES 773 - Internship in Dietetics I, II

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
FNES	773

**Course Title**  
Internship in Dietetics I, II

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Application and analysis of content area learning in a formal program of in-depth, highly structured, practical internships. Students will work in one or more approved field site placements (clinical, community, and management) under the supervision of experienced Registered Dietitians, Community Supervisors, and/or Food Service Management professionals. The accompanying seminar focuses on application of knowledge, roles, and responsibilities of professionals, and education of client populations. Only 6 credits of Dietetics Internship may be counted toward the M.S. in Education degree.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
6	6

## FNES 774 - Internship in Dietetics I, II

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
FNES	774

**Course Title**  
Internship in Dietetics I, II

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Application and analysis of content area learning in a formal program of in-depth, highly structured, practical internships. Students will work in one or more approved field site placements (clinical, community, and management) under the supervision of experienced Registered Dietitians, Community Supervisors, and/or Food Service Management professionals. The accompanying seminar focuses on application of knowledge, roles, and responsibilities of professionals, and education of client populations. Only 6 credits of Dietetics Internship may be counted toward the M.S. in Education degree. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
6	6

## FNES 775 - Advanced Food Service Management

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
FNES	775

**Course Title**  
Advanced Food Service Management

**Department(s)**  
Family, Nutrition and Exercise Sciences



**Description**

An advanced approach to three main areas of food service management: personnel, finance, and labor relations. Through lecture, case study, and analysis of current research reports, the principles of finance, managerial accounting, and the use of the computer are explored, as are general theories and concepts of management/personnel communications, labor relations, and legal problems in the food service industry.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 777 - Problems and Practices in Food Service Management

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

777

**Course Title**

Problems and Practices in Food Service Management

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Special emphasis is given to food sanitation and safety and their effects on the individual, the environment, and ecology.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 781 - VT. Seminar in Family and Consumer Sciences Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

781

**Course Title**

VT. Seminar in Family and Consumer Sciences Education

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Topics will vary from semester to semester, but will focus on emerging educational issues and professional interests in Family and Consumer Sciences Education. May be repeatable for credit if topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 782 - VT. Seminar in Family and Consumer Sciences Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

782

**Course Title**

VT. Seminar in Family and Consumer Sciences Education

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Topics will vary from semester to semester, but will focus on emerging educational issues and professional interests in Family and Consumer Sciences Education. May be repeatable for credit if topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 7881 - Cooperative Study

**Overview**

**Academic Institution**

QNS01

**Subject area**  
FNES

**Catalog Number**  
7881

**Course Title**  
Cooperative Study

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Program involves employment of the student in one of a variety of FNES-related jobs with the direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative Study supplements the traditional classroom and laboratory programs of study. The student prepares a report for the faculty supervisor upon completion of the Cooperative Study experience. No more than 6 credits may be taken in Cooperative Study.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
1	1

## FNES 7882 - Cooperative Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
7882

**Course Title**  
Cooperative Study

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Program involves employment of the student in one of a variety of FNES-related jobs with the direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative Study supplements the traditional classroom and laboratory programs of study. The student prepares a report for the faculty supervisor upon completion of the Cooperative Study experience. No more than 6 credits may be taken in Cooperative Study.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
2	2

## FNES 7883 - Cooperative Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
7883

**Course Title**  
Cooperative Study

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Program involves employment of the student in one of a variety of FNES-related jobs with the direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative Study supplements the traditional classroom and laboratory programs of study. The student prepares a report for the faculty supervisor upon completion of the Cooperative Study experience. No more than 6 credits may be taken in Cooperative Study.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## FNES 7884 - Cooperative Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
7884

**Course Title**  
Cooperative Study

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Program involves employment of the student in one of a variety of FNES-related jobs with the direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative Study supplements the traditional classroom and laboratory programs of study. The student prepares a report for the faculty supervisor upon completion of the Cooperative Study experience. No more than 6 credits may be taken in Cooperative Study.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units  
4

Maximum Units  
4

## FNES 7885 - Cooperative Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
7885

**Course Title**  
Cooperative Study

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Program involves employment of the student in one of a variety of FNES-related jobs with the direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative Study supplements the traditional classroom and laboratory programs of study. The student prepares a report for the faculty supervisor upon completion of the Cooperative Study experience. No more than 6 credits may be taken in Cooperative Study.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units  
5

Maximum Units  
5

## FNES 7886 - Cooperative Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
7886

**Course Title**  
Cooperative Study

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Program involves employment of the student in one of a variety of FNES-related jobs with the direct supervision of the employer and overview guidance provided by a faculty advisor. Cooperative Study supplements the traditional classroom and laboratory programs of study. The student prepares a report for the faculty supervisor upon completion of the Cooperative Study experience. No more than 6 credits may be taken in Cooperative Study.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units  
6

Maximum Units  
6

## FNES 7911 - Indep Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
7911

**Course Title**  
Indep Study

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Under the guidance of a FNES faculty member, students pursue advanced clinical work, undertake critical examination of original research, or carry out a clinical or laboratory research project, all of which culminate in a comprehensive written report. No more than 6 credits may be taken in independent study in FNES.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units  
1

Maximum Units  
1

## FNES 7912 - Indep Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
FNES

**Catalog Number**  
7912

**Course Title**  
Indep Study

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Under the guidance of a FNES faculty member, students pursue advanced clinical work, undertake critical examination of original research, or carry out a clinical or laboratory research project, all of which culminate in a comprehensive written report. No more than 6 credits may be taken in independent study in FNES.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## FNES 7913 - Independent Study in FNES

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

7913

**Course Title**

Independent Study in FNES

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Under the guidance of a FNES faculty member, students pursue advanced clinical work, undertake critical examination of original research, or carry out a clinical or laboratory research project, all of which culminate in a comprehensive written report. No more than 6 credits may be taken in independent study in FNES.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FNES 7921 - Indep Study

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

7921

**Course Title**

Indep Study

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Under the guidance of a FNES faculty member, students pursue advanced clinical work, undertake critical examination of original research, or carry out a clinical or laboratory research project, all of which culminate in a comprehensive written report. No more than 6 credits may be taken in independent study in FNES.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## FNES 7922 - Independent Study

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

7922

**Course Title**

Independent Study

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Under the guidance of a FNES faculty member, students pursue advanced clinical work, undertake critical examination of original research, or carry out a clinical or laboratory research project, all of which culminate in a comprehensive written report. No more than 6 credits may be taken in independent study in FNES.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## FNES 7923 - Independent Study

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

7923

**Course Title**

Independent Study

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Under the guidance of a FNES faculty member, students pursue advanced clinical work, undertake critical examination of original research, or carry out a clinical or laboratory research project, all of which culminate in a comprehensive written report. No more than 6 credits may be taken in independent study in FNES.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**FNES 796 - Research Methods in Nutrition and Exercise Sciences**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

796

**Course Title**

Research Methods in Nutrition and Exercise Sciences

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Research methods and design strategies including development of research proposals used in analytical, descriptive, qualitative and experimental research studies in nutrition and exercise sciences.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**FNES 797 - Research Project in Nutrition and Exercise Sciences**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FNES

**Catalog Number**

797

**Course Title**

Research Project in Nutrition and Exercise Sciences

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Under the supervision of a faculty advisor, students carry out the research project planned in FNES 796 that culminates in a written research report.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**FREN 701 - History of the French Language**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

701

**Course Title**

History of the French Language

**Department(s)**

European Languages & Literature

**Description**

History of the French Language

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**FREN 704 - Problems in French Language**

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

704

**Course Title**

Problems in French Language

**Department(s)**

European Languages & Literature

**Description**

Problems in French Language

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FREN 708 - French Medieval Literature

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

708

**Course Title**

French Medieval Literature

**Department(s)**

European Languages & Literature

**Description**

French Medieval Literature

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FREN 710 - Rabelais and Montaigne

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

710

**Course Title**

Rabelais and Montaigne

**Department(s)**

European Languages & Literature

**Description**

Rabelais and Montaigne

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FREN 711 - French Renaissance Literature

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

711

**Course Title**

French Renaissance Literature

**Department(s)**

European Languages & Literature

**Description**

French Renaissance Literature

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FREN 713 - French Classical Theatre of the Seventeenth Century.

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

713

**Course Title**

French Classical Theatre of the Seventeenth Century.

**Department(s)**

European Languages & Literature

**Description**

First semester: Corneille and Racine. Second semester: Molière.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FREN 717 - The Eighteenth Century

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

717

**Course Title**

The Eighteenth Century

**Department(s)**

European Languages & Literature

**Description**

The Eighteenth Century

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FREN 719 - French Novel of the Nineteenth Century.

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

719

**Course Title**

French Novel of the Nineteenth Century.

**Department(s)**

European Languages & Literature

**Description**

First semester: Balzac and Stendhal. Second semester: Flaubert and Zola.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FREN 721 - The Poetry and Theatre of the Nineteenth Century

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

721

**Course Title**

The Poetry and Theatre of the Nineteenth Century

**Department(s)**

European Languages & Literature

**Description**

The Poetry and Theatre of the Nineteenth Century

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## FREN 722 - Baudelaire and the Symbolists

**Overview**

**Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

722

**Course Title**

Baudelaire and the Symbolists

**Department(s)**

European Languages & Literature

**Description**

Baudelaire and the Symbolists

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**FREN 724 - Contemporary French Literature****Overview****Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

724

**Course Title**

Contemporary French Literature

**Department(s)**

European Languages &amp; Literature

**Description**

Contemporary French Literature

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**FREN 730 - Studies in Francophone Literature****Overview****Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

730

**Course Title**

Studies in Francophone Literature

**Department(s)**

European Languages &amp; Literature

**Description**

This is a variable topics course that focuses on the global dimensions of literary expressions in French. It derives from the diverse literary corpus produced in various parts of the world where French language is a significant medium of literary expression, including within and between continental Europe, the Maghreb, West Africa, the Antilles, North America and Asia. Topics will vary by semester, and may include but are not limited to: Women Writers of the French Caribbean; The Modern Haitian Novel; World Literature in French; North American

Literature in French; Contemporary Theatre in Africa and the Caribbean; Antillean Poetry; Caribbean Surrealism etc. This course can be repeated for credit, provided the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**FREN 750 - Studies in Francophone Culture****Overview****Academic Institution**

QNS01

**Subject area**

FREN

**Catalog Number**

750

**Course Title**

Studies in Francophone Culture

**Department(s)**

European Languages &amp; Literature

**Description**

This is a variable topics course that focuses on the global dimensions of French history, theory and culture. It derives from the fact that transnational cultural exchanges occurred across various parts of the world where French language is a significant medium of cultural expression, including within and between continental Europe, the Maghreb, West Africa, the Antilles, North America and Asia. Topics will vary by semester, and may include but are not limited to: Francophone Thought; Francophone Cinema; The French Empire and its Aftermath; Debates in Francophone Postcolonial Studies; The Maghreb; The Practice of Global Feminism; Introduction to Francophone Cinema; Haiti and the United States, among others. This course can be repeated for credit, provided the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**FREN 778 - Advanced Translation in French****Overview****Academic Institution**

QNS01



**Subject area**  
FREN

**Catalog Number**  
778

**Course Title**  
Advanced Translation in French

**Department(s)**  
European Languages & Literature

**Description**  
The course will deal with translation in theory and in practice and will also include linguistics and stylistics. The translation will be from English to French and from French to English.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## FREN 780 - Trends and Events in French Civilization

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
FREN                                      780

**Course Title**  
Trends and Events in French Civilization

**Department(s)**  
European Languages & Literature

**Description**  
A study of the events and ideological trends of the civilization produced by France. Students will read and report on primary texts in fields such as political history, economics, sociology, and on significant artistic and cultural developments.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## FREN 781 - Seminar: Methodology and Selected Literary Topics

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
FREN                                      781

**Course Title**  
Seminar: Methodology and Selected Literary Topics

**Department(s)**  
European Languages & Literature

**Description**  
Seminar: Methodology and Selected Literary Topics

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## FREN 782 - Studies in French Literature

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
FREN                                      782

**Course Title**  
Studies in French Literature

**Department(s)**  
European Languages & Literature

**Description**  
This course is intended as a seminar in the study of French literature. It is an open topics course; the title will be announced at the beginning of each semester in which it is offered. It can be repeated for credit, provided the topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## FREN 791 - Special Problems

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
FREN                                      791

**Course Title**  
Special Problems

**Department(s)**  
European Languages & Literature

**Description**  
Individual study, under the supervision of an instructor, of a topic agreed on, normally involving research in literary history or criticism, and resulting in an acceptable thesis. No credit will be given for these courses until the thesis has been approved. No more than three credits in each course may be counted toward the degree.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## FREN 792 - Special Problems

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
FREN                                      792

**Course Title**  
Special Problems

**Department(s)**  
European Languages & Literature

**Description**  
Individual study, under the supervision of an instructor, of a topic agreed on, normally involving research in literary history or criticism, and resulting in an acceptable thesis. No credit will be given for these courses until the thesis has been approved. No more than three credits in each course may be counted toward the degree.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## GEOL 501 - Earth Composition and Earth Processes

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
GEOL                                      501

**Course Title**  
Earth Composition and Earth Processes

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Required field trip(s). Geological materials, internal and external structure and dynamics of the earth, and origin and evolution of the earth's present landscapes. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
4    4

## GEOL 502 - Earth History and the Fossil Record

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
GEOL                                      502

**Course Title**  
Earth History and the Fossil Record

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Required field trip(s). The origin and history of the earth as a planet; the use of evidence in reconstructing its crustal history, geography, and past environments; the evolution of life; regional geology of North America. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
4	4

**GEOL 509 - Environmental Geology of the New York Metropolitan Region**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
GEOL	509

**Course Title**  
Environmental Geology of the New York Metropolitan Region

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Geological processes affecting the quality of the environment. Laboratory work involves the study of maps, aerial photographs, and other data in order to analyze geologic problems and write environmental impact statements. Field trips may be included

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**GEOL 510 - Coastal Geology**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
GEOL	510

**Course Title**  
Coastal Geology

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Geological processes, problems, and management decisions in the coastal zone of the United States. Laboratory work involves analysis of samples, maps, and aerial photographs. Field trips may be required

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**GEOL 515 - Geology of New York State**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
GEOL	515

**Course Title**  
Geology of New York State

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Required field trip(s). The development of the bedrock, surficial geology, and landscapes of New York State over geologic time. Laboratory work involves analysis of samples, geological maps, and sections.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**GEOL 520 - Meteorology**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
GEOL	520

**Course Title**  
Meteorology

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
This course is designed to give middle and high school teachers a nonmathematical background in meteorology, the science of the atmosphere, and its effects on the surface of the earth and on life in general. Topics include the history, structure, and dynamics of the atmosphere (physical meteorology); fronts and frontal weather, storms (dynamical meteorology), observational methods (observational

meteorology); temporal changes in climate (climatology). Observational methods and data are used throughout to support the understanding and concepts important in meteorology

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

**GEOL 521 - Oceanography****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

521

**Course Title**

Oceanography

**Department(s)**

School of Earth and Environmental Sciences

**Description**

This class provides middle and high school teachers with background information about the earth's oceans that encompasses: the history of oceanography and sea-floor exploration; the evolution of the oceans and atmosphere; Plate Tectonics; ocean sedimentation; properties and chemistry of ocean waters; ocean/atmosphere interactions and their effects on climate; coasts; life in the oceans; marine resources and environmental concerns.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

**GEOL 522 - Applied Geologic Reasoning: Geology of New York State****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

522

**Course Title**

Applied Geologic Reasoning: Geology of New York State

**Department(s)**

School of Earth and Environmental Sciences

**Description**

The geologic history of New York, with special emphasis on the New York City region as we currently understand it, is used as a platform for examining, in lecture, lab, and in the field, the evidence and logic that goes into elucidating the geologic history and completion of a geologic map, cross-section, and stratigraphic column.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

**GEOL 551 - Applied Earth Systems Science: GLOBE® Program Certification****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

551

**Course Title**

Applied Earth Systems Science: GLOBE® Program Certification

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Application of an Earth Systems Science integrated view of environmental processes to study long-term global change using GLOBE® Program research protocols. Students are trained in GLOBE atmosphere, soil, hydrology, seasonal change, and land use/land cover protocols, and learn the scientific principles underlying those research areas. Course includes formal GLOBE® certification. Course includes 2 all-day field exercises.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## GEOL 552 - GLOBE® Program Environmental research.

### Overview

#### Academic Institution

QNS01

#### Subject area

GEOL

#### Catalog Number

552

#### Course Title

GLOBE® Program Environmental research.

#### Department(s)

School of Earth and Environmental Sciences

#### Description

Research into selected local environmental issues using GLOBE® Program protocols for atmosphere, soil, hydrology, seasonal change, and land cover. Course includes GLOBE® Program teacher certification. Includes 3 all-day field exercises.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## GEOL 5991 - Spec Topics In Geol

### Overview

#### Academic Institution

QNS01

#### Subject area

GEOL

#### Catalog Number

5991

#### Course Title

Spec Topics In Geol

#### Department(s)

School of Earth and Environmental Sciences

#### Description

This course will cover topics of current interest in a particular aspect of the geological sciences. Topics may vary. The course may be repeated for credit if the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

1

#### Maximum Units

1

## GEOL 5992 - Special Topics: Geol

### Overview

#### Academic Institution

QNS01

#### Subject area

GEOL

#### Catalog Number

5992

#### Course Title

Special Topics: Geol

#### Department(s)

School of Earth and Environmental Sciences

#### Description

This course will cover topics of current interest in a particular aspect of the geological sciences. Topics may vary. The course may be repeated for credit if the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

2

#### Maximum Units

2

## GEOL 5993 - Special Topics: Geology

### Overview

#### Academic Institution

QNS01

#### Subject area

GEOL

#### Catalog Number

5993

#### Course Title

Special Topics: Geology

#### Department(s)

School of Earth and Environmental Sciences

#### Description

This course will cover topics of current interest in a particular aspect of the geological sciences. Topics may vary. The course may be repeated for credit if the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3



## GEOL 721 - Optical Mineralogy

### Overview

**Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

721

**Course Title**

Optical Mineralogy

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Use of the petrographic microscope as a rigorous tool in the identification of minerals and the study of rocks.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

2

**Maximum Units**

2

## GEOL 728 - Advanced Volcanology

### Overview

**Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

728

**Course Title**

Advanced Volcanology

**Department(s)**

School of Earth and Environmental Sciences

**Description**

This seminar-style course addresses various topics in volcanology through readings of peer-reviewed literature and discussions. Topics may include: volcano-climate interactions, volcano-tectonic interactions, petrologic reconstructions of magmatic processes, tephrostratigraphy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## GEOL 742 - Stratigraphy

### Overview

**Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

742

**Course Title**

Stratigraphy

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Principles of stratigraphy; the stratigraphic record and nomenclature; faunal stratigraphy and correlation. Systematic stratigraphy of North America: Pre-Cambrian problems; geosynclinal, cratonic, and non-marine sedimentation of the Paleozoic Era; Mesozoic and Cenozoic stratigraphy; paleontological aspects

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## GEOL 745 - Hydrology

### Overview

**Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

745

**Course Title**

Hydrology

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Introduction to the hydrologic cycle and processes related to the movement of water in the surficial environment: precipitation, evaporation and transpiration, infiltration, runoff and stream flow. Numerical calculations and problems will be emphasized. Discussion of case studies that describe hydrologic systems in differing climatic and geologic settings.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**GEOL 746 - Groundwater Hydrology****Overview**Academic Institution  
QNS01Subject area  
GEOLCatalog Number  
746Course Title  
Groundwater HydrologyDepartment(s)  
School of Earth and Environmental Sciences

**Description**  
Physical principles of groundwater flow, Darcy's law, flow equations, flow nets, pumping tests, methods of groundwater investigation, groundwater geology. Numerical calculations and problems will be emphasized. Discussion of case histories that describe different types of groundwater systems.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**GEOL 747 - Coastal and Estuarine Geology****Overview**Academic Institution  
QNS01Subject area  
GEOLCatalog Number  
747Course Title  
Coastal and Estuarine GeologyDepartment(s)  
School of Earth and Environmental Sciences

**Description**  
Examination of the geology, oceanography, and geomorphology of polar, subpolar, temperate and tropical coastal zones. Class work will include the use of web based data.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**GEOL 749 - Seminar on Urban Coastal Management****Overview**Academic Institution  
QNS01Subject area  
GEOLCatalog Number  
749Course Title  
Seminar on Urban Coastal ManagementDepartment(s)  
School of Earth and Environmental Sciences

**Description**  
Case-history analysis of a wide variety of coastal management problems in urban estuaries and along urban shorelines. Student presentations are based on site studies, interviews, and analysis of the relevant literature.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**GEOL 750 - Environmental Geology****Overview**Academic Institution  
QNS01Subject area  
GEOLCatalog Number  
750Course Title  
Environmental GeologyDepartment(s)  
School of Earth and Environmental Sciences

**Description**  
Geologic processes, structures, and human modifications of geologic systems that affect the quality of the environment. Laboratory and field examination of geologic problems and introduction to site evaluation and environmental impact analysis techniques.

Academic Career  
GraduateLiberal Arts  
Yes



**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## GEOL 752 - Map Interpretation

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
GEOL	752

**Course Title**  
Map Interpretation

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Interpretation and analysis of topographic, geologic, and other maps. Uses and interpretation of air photographs and radar and satellite imagery.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## GEOL 760 - Environmental Geochemistry

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
GEOL	760

**Course Title**  
Environmental Geochemistry

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
This course explores the fundamental geochemical processes regulating the fate and transport of inorganic and organic pollutants in the environment. Both equilibrium and kinetic descriptions of the processes are applied for laboratory and field studies. The effects of these processes on pollutant bioavailability, remediation, and ecotoxicology are discussed.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## GEOL 761 - Field Methods in Hydrology

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
GEOL	761

**Course Title**  
Field Methods in Hydrology

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Application of the latest techniques for sampling, monitoring, and evaluating groundwater and surface water systems. Emphasis on drainage basin analysis, aquifer testing, surface infiltration techniques, and hydrologic software application. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## GEOL 762 - Shallow Subsurface Geophysics

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
GEOL	762

**Course Title**  
Shallow Subsurface Geophysics

**Department(s)**  
School of Earth and Environmental Sciences

**Description**

Graduate course will train environmental scientists and geologists to apply geophysics field techniques and procedures, including seismic, gravity, magnetic, resistivity and electromagnetic methods. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## GEOL 763 - Geographic Information Systems and Geologic Mapping

**Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

763

**Course Title**

Geographic Information Systems and Geologic Mapping

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Introduction to the uses of Geographic Information Systems in geologic mapping and environmental fieldwork. Hands-on application of GIS techniques and digital information to prepare base maps, plan field programs, record and analyze data, and prepare professional-quality maps and poster presentations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## GEOL 764 - Contaminant Hydrology

**Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

764

**Course Title**

Contaminant Hydrology

**Department(s)**

School of Earth and Environmental Sciences

**Description**

This course provides a largely quantitative understanding of the processes controlling physical transport and biogeochemical reactions that determine contaminant concentrations in groundwater resources. The content will include the sources and different types of groundwater contaminant, the mechanisms that control contaminant behavior, and the most up-to-date technologies for groundwater remediation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## GEOL 765 - Surface Processes and Products

**Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

765

**Course Title**

Surface Processes and Products

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Field trips may be required. The origin of terrestrial and near shore sediments, sediment sequences, soils and land forms. Emphasis is placed on the laboratory and field techniques used in areal surficial and shallow subsurface surveys. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## GEOL 766 - Analytical Techniques in Environmental Geosciences.

### Overview

#### Academic Institution

QNS01

#### Subject area

GEOL

#### Catalog Number

766

#### Course Title

Analytical Techniques in Environmental Geosciences.

#### Department(s)

School of Earth and Environmental Sciences

#### Description

Geological, geochemical, and hydrological techniques used to analyze samples from various aqueous environments. Emphasis on laboratory analysis including instrumentation and application of requisite software. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## GEOL 767 - Field Techniques in Environmental Sciences

### Overview

#### Academic Institution

QNS01

#### Subject area

GEOL

#### Catalog Number

767

#### Course Title

Field Techniques in Environmental Sciences

#### Department(s)

School of Earth and Environmental Sciences

#### Description

Series of exercises designed to train students to collect reproducible data in the field, to analyze and interpret the data, and to present their findings in maps, written reports, and supporting illustrations. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## GEOL 768 - Soils, Wetlands, and Bioremediation

### Overview

#### Academic Institution

QNS01

#### Subject area

GEOL

#### Catalog Number

768

#### Course Title

Soils, Wetlands, and Bioremediation

#### Department(s)

School of Earth and Environmental Sciences

#### Description

An introduction to wetland science, with an emphasis on the capacities of wetlands and soil systems for biogeochemical remediation of pollutants. The course will begin with an overview of wetland structure, diversity and function, with particular emphasis on biogeochemical mechanisms of nutrient cycling and pollutant uptake and degradation. Engineering, design, and monitoring necessary for wetlands construction and restoration will be covered. Case studies will be examined of uses of wetland for wastewater, heavy metal and hydrocarbon treatment in a variety of climate regimes. Scientific, management, policy, and regulatory implications of this approach to pollution control and mitigation will also be explored. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## GEOL 772 - High Temperature Geochemistry

### Overview

#### Academic Institution

QNS01

#### Subject area

GEOL

#### Catalog Number

772

#### Course Title

High Temperature Geochemistry

#### Department(s)

School of Earth and Environmental Sciences

#### Description

The principles of thermodynamics are reviewed and applied to geological processes at high temperatures and high or low pressures.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## GEOL 773 - Low Temperature Geochemistry

### Overview

**Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

773

**Course Title**

Low Temperature Geochemistry

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Chemical equilibria in aqueous systems and at low temperature are studied and applied to weathering, sedimentary processes, and ore formation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## GEOL 780 - Marine Geology

### Overview

**Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

780

**Course Title**

Marine Geology

**Department(s)**

School of Earth and Environmental Sciences

**Description**

The form and origin of the ocean floor, the distribution of sediments, the structure of the oceanic crust and mantle. Chemical and physical aspects in oceanography are also discussed

## GEOL 7881 - Cooperative Education Placement

### Overview

**Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

7881

**Course Title**

Cooperative Education Placement

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## GEOL 7882 - Cooperative Education Placement

### Overview

**Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

7882

**Course Title**

Cooperative Education Placement

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**GEOL 7883 - Cooperative Education Placement****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

7883

**Course Title**

Cooperative Education Placement

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**GEOL 7884 - Cooperative Education Placement****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

7884

**Course Title**

Cooperative Education Placement

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**GEOL 7885 - Cooperative Education Placement****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

7885

**Course Title**

Cooperative Education Placement

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

5

**Maximum Units**

5

**GEOL 7886 - Cooperative Education Placement****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

7886

**Course Title**

Cooperative Education Placement

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

**GEOL 7902 - Seminar****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

7902

**Course Title**

Seminar

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Study of selected aspects of geology. Emphasis is placed on areas not directly covered in the regular courses and on the use of original sources. Course may be repeated once.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**GEOL 7903 - Seminar****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

7903

**Course Title**

Seminar

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Study of selected aspects of geology. Emphasis is placed on areas not directly covered in the regular courses and on the use of original sources. Course may be repeated once.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**GEOL 791 - Independent Study****Overview****Academic Institution**

QNS01

**Subject area**

GEOL

**Catalog Number**

791

**Course Title**

Independent Study

**Department(s)**

School of Earth and Environmental Sciences

**Description**

Advanced study of a subject or laboratory technique under the guidance of a faculty member. The course may be taken only once.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

**GEOL 792 - Independent Study****Overview****Academic Institution**

QNS01

**Subject area**  
GEOL

**Catalog Number**  
792

**Course Title**  
Independent Study

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Advanced study of a subject or laboratory technique under the guidance of a faculty member. The course may be taken only once.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
2	2

## GEOL 793 - Independent Study

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GEOL

**Catalog Number**  
793

**Course Title**  
Independent Study

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Advanced study of a subject or laboratory technique under the guidance of a faculty member. The course may be taken only once and cannot be taken and used to satisfy the requirements of the Master of Arts degree in Geology if either GEOL 791 or 792 is credited toward the degree requirements.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## GEOL 795 - Thesis Research

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GEOL

**Catalog Number**  
795

**Course Title**  
Thesis Research

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Preparation of a thesis under the guidance of a faculty mentor. No more than 3 credits may be counted toward the Master of Arts degree in Geology.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## GEOL 7951 - Vt:Thesis Research

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GEOL

**Catalog Number**  
7951

**Course Title**  
Vt:Thesis Research

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Preparation of a thesis under the guidance of a faculty mentor. No more than 3 credits may be counted toward the Master of Arts degree in geology.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
1	1

## GEOL 7952 - Vt:Thesis Research

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GEOL

**Catalog Number**  
7952

**Course Title**  
Vt:Thesis Research

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Preparation of a thesis under the guidance of a faculty mentor. No more than 3 credits may be counted toward the Master of Arts degree in geology.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
2	2

## GEOL 7953 - Vt:Thesis Research

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GEOL

**Catalog Number**  
7953

**Course Title**  
Vt:Thesis Research

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
Preparation of a thesis under the guidance of a faculty mentor. No more than 3 credits may be counted toward the Master of Arts degree in geology.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## GEOL 7991 - Vt: Special Topics

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GEOL

**Catalog Number**  
7991

**Course Title**  
Vt: Special Topics

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
This course will cover topics of current interest in a particular field in the geologic sciences. Topics may vary. The course may be repeated for credit if the topic is changed.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
1	1

## GEOL 7992 - Vt:Special Topics

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GEOL

**Catalog Number**  
7992

**Course Title**  
Vt:Special Topics

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
This course will cover topics of current interest in a particular field in the geologic sciences. Topics may vary. The course may be repeated for credit if the topic is changed.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
2	2

## GEOL 7993 - Vt:Special Topics in Geology

### Overview

**Academic Institution**  
QNS01



**Subject area**  
GEOL

**Catalog Number**  
7993

**Course Title**  
Vt:Special Topics in Geology

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
This course will cover topics of current interest in a particular field in the geologic sciences. Topics may vary. The course may be repeated for credit if the topic is changed.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## GEOL 899 - SEES Elective Credit

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GEOL

**Catalog Number**  
899

**Course Title**  
SEES Elective Credit

**Department(s)**  
School of Earth and Environmental Sciences

**Description**  
SEES Elective Credit

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## GLIB 727 - Collection Development

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GLIB

**Catalog Number**  
727

**Course Title**  
Collection Development

**Department(s)**  
Library

**Description**  
Collection Development

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## GLIB 762I - Ethnic & Lib Inst

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GLIB

**Catalog Number**  
762I

**Course Title**  
Ethnic & Lib Inst

**Department(s)**  
Library

**Description**  
Ethnic & Lib Inst

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## GLIB 771 - Rg Mgmt Ac & Res

### Overview

**Academic Institution**  
QNS01

**Subject area**  
GLIB

**Catalog Number**  
771

**Course Title**

Rg Mgmt Ac & Res

**Department(s)**

Library

**Description**

Rg Mgmt Ac & Res

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HEBRW 799 - Hebrew Elective

**Overview**

**Academic Institution**

QNS01

**Subject area**

HEBRW

**Catalog Number**

799

**Course Title**

Hebrew Elective

**Department(s)**

CMAL-QC

**Description**

HEBREW ELECTIVE

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HECO 775 - Adv Fd Svc Mgt

**Overview**

**Academic Institution**

QNS01

**Subject area**

HECO

**Catalog Number**

775

**Course Title**

Adv Fd Svc Mgt

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Adv Fd Svc Mgt

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 705 - History of World War II

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

705

**Course Title**

History of World War II

**Department(s)**

History

**Description**

Explores World War II as a military, as well as a cultural phenomenon. The course takes a global perspective, examining the events and historiography on the war in various national theaters. It also explores World War II as race war, a site of competing memories, and delves into debates over the morality of tactics such as the strategic bombing campaigns over Germany and Japan.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 706 - Military Theory and History

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

706

**Course Title**

Military Theory and History

**Department(s)**

History

**Description**

Focuses on how military theory has evolved from the ancients until the current day. We will examine various military thinkers and their ideas on how to effectively wage war, the human costs of war and how at times theory and reality clash. We shall also consider the major threads of historiography of military history and the ethics of war.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**HIST 707 - War in European History**

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

707

**Course Title**

War in European History

**Department(s)**

History

**Description**

Studies in history of European warfare from antiquity to the modern period.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**HIST 7071 - War In American History**

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

7071

**Course Title**

War In American History

**Department(s)**

History

**Description**

Studies in the history of American warfare from the colonial period to the present. Emphasis will be placed on the growth and functions of American military institutions.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**HIST 708 - Arab-Israeli Wars 1948-73**

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

708

**Course Title**

Arab-Israeli Wars 1948-73

**Department(s)**

History

**Description**

Focuses on the events, circumstances and personalities that led to establishment of the state of Israel, from the nineteenth-century rise of Zionism through into the twentieth century. Special emphasis will be placed on the Arab-Israeli conflict, wars with Egypt and Jordan, history of the Israeli-Palestinian conflict, and the United States' role in Israel.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**HIST 710 - VT: Ancient History**

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

710

**Course Title**

VT: Ancient History

**Department(s)**

History

**Description**

Readings and discussion of selected topics in ancient history. Special emphasis is placed on historical method and interpretation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 711 - Urbanism in Antiquity

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

711

**Course Title**

Urbanism in Antiquity

**Department(s)**

History

**Description**

Surveys the evolution of cities in the Greek and Roman worlds, from the Bronze Age through Late Antiquity. Examining cities offers a way to explore issues not covered in the typical sources on the ancient world, such as social relations, the economy, religion, culture, and the lives of non-elites as well as elites.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 713 - Church In Middle Ages

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

713

**Course Title**

Church In Middle Ages

**Department(s)**

History

**Description**

The history of Christianity in Western Europe to the eve of the Protestant Revolution, with attention to the Church's role in intellectual, social, and political life, and to medieval religious organization, doctrine, and dissent.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 714 - Variable Topics: Medieval History

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

714

**Course Title**

Variable Topics: Medieval History

**Department(s)**

History

**Description**

Readings and discussion of selected topics in medieval history.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 715 - Cultures and Peoples of Eastern Europe

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

715

**Course Title**

Cultures and Peoples of Eastern Europe

**Department(s)**

History

**Description**

Explores the history of the peoples, states and societies in Eastern Europe from early modern period to World War Two. Particular focus will be paid to lands comprising modern-day Poland, Ukraine, Lithuania and Belarus, including the Jewish minority. Topics include: national identity formation and ethnic conflict; religious and literary movements; nation-state building; and dynamics between Marxism, nationalism, communism and fascism.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**HIST 716 - The Idea of Eastern Europe****Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

716

**Course Title**

The Idea of Eastern Europe

**Department(s)**

History

**Description**

Inquires into the idea of "Eastern Europe", its origins, the purposes it serves, how people have used and understood it. Engages with questions such as: imagine Europe to be divided into East and West? What does this way of thinking clarify or obscure and what are its political consequences?

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**HIST 719 - VT:Modern French Hst****Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

719

**Course Title**

VT:Modern French Hst

**Department(s)**

History

**Description**

Readings and discussion of selected topics in recent French history.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**HIST 720 - Renaissance And Reformation EU****Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

720

**Course Title**

Renaissance And Reformation EU

**Department(s)**

History

**Description**

Explores continental Europe from approximately 1350 to 1700, focusing on the intellectual rediscovery of the ancient world; transformations in art and culture; explorations of "the New World"; religious wars; and revolutions in science and medicine as well as the persistence of magic and heterodox beliefs. Special attention will also be given to research methods and sources.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## HIST 721 - Early Modern England

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
HIST                                      721

**Course Title**  
Early Modern England

**Department(s)**  
History

**Description**  
Introduces students to English history from the Tudors through the Stuart dynasty, including the rule of Oliver Cromwell, and the Restoration of Charles II. Special focus will be given to politics, religion, society, and civil war; to England's fraught relationship with Ireland and Scotland; and to present-day debates about this important historical period.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 722 - History of the Book

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
HIST                                      722

**Course Title**  
History of the Book

**Department(s)**  
History

**Description**  
New technologies have introduced unprecedented possibilities for distributing and sharing information, which bypass physical media such as books and newspapers. These innovations appear revolutionary but, as this course will show, the book itself is an object that has undergone radical transformations over time. This class will introduce students to the history of the book as a material object by investigating the ways in which form and technology influence the production, control, and distribution of knowledge. After an exploration of the changing formats of books over the centuries, we will focus on the early modern transition from manuscript to print, the emergence of the author figure, the relationship between books and readers, the book trade, and ways in which knowledge was stored and organized in the past. We will conclude with a reflection on the future of the physical book and of libraries.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 726 - Topics in World Slavery

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
HIST                                      726

**Course Title**  
Topics in World Slavery

**Department(s)**  
History

**Description**  
Introduces students to topics in the history of world slavery, within but especially beyond the United States. Special attention will be paid to slavery, resistance, abolition, and the memory of slavery in Africa, Latin America, the Caribbean, and the Indian Ocean World, as well as debates among scholars about comparative history, macro-history, and micro-history.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 727 - Europe and the Contemporary World: 1945 to the Present

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
HIST                                      727

**Course Title**  
Europe and the Contemporary World: 1945 to the Present

**Department(s)**  
History

**Description**

Emphasis on postwar European political and social history, including the division of Europe, Cold War, Americanization, consumer culture, decolonization, social movements, dissidents in East Europe and the collapse of Communism.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 728 - The Collapse of the Soviet Union

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

728

**Course Title**

The Collapse of the Soviet Union

**Department(s)**

History

**Description**

This course explores the causes and consequences of the collapse of the Soviet Union in 1991. It considers a variety of interpretations of the causes of collapse (nationalism, ideology, technology, international relations, economics, etc.), the evolving historiography on the subject, and the effects of the USSR's collapse on its successor states as well as global politics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 729 - The Cold War: Communism vs. Democracy

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

729

**Course Title**

The Cold War: Communism vs. Democracy

**Department(s)**

History

**Description**

Focuses on the period 1945-1990 when a bipolar confrontation developed between the United States and the Soviet Union, characterized by propaganda, competing military alliances, arms races, nuclear brinkmanship and proxy wars. The course will analyze historians' competing interpretations of the origins and expansion of the Cold War from the end of World War Two through the collapse of communism.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 730 - US-Israeli Relations 1948-Present

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

730

**Course Title**

US-Israeli Relations 1948-Present

**Department(s)**

History

**Description**

The United States was the first country to recognize Israel in 1948 and their support has been crucial to Israel's survival ever since. Course will explore this relationship in terms of strategic and national interests, moral and philosophical debates, domestic politics on both sides, and the US role in the Middle East peace process.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 731 - Italian Immigration to the United States

### Overview

#### Academic Institution

QNS01

#### Subject area

HIST

#### Catalog Number

731

#### Course Title

Italian Immigration to the United States

#### Department(s)

History

#### Description

Examines Italian immigration to the United States from the 1890s to the present with a focus on the process of immigration, race-based immigration restrictions, labor relations, political radicalism, family structures, and the two world wars. Students will learn about fascism, inter-generational conflict, social mobility, ethnic backlash in the era of the Black Power Movement, the making of a unique Italian-American identity.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## HIST 732 - Russian Hist To 1917

### Overview

#### Academic Institution

QNS01

#### Subject area

HIST

#### Catalog Number

732

#### Course Title

Russian Hist To 1917

#### Department(s)

History

#### Description

A study of the principal political and social developments in Russia from Peter the Great to the October Revolution.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## HIST 733 - Studies in Soviet History

### Overview

#### Academic Institution

QNS01

#### Subject area

HIST

#### Catalog Number

733

#### Course Title

Studies in Soviet History

#### Department(s)

History

#### Description

Readings and discussion of selected topics in Russian history since 1917

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## HIST 734 - Women in Modern European History

### Overview

#### Academic Institution

QNS01

#### Subject area

HIST

#### Catalog Number

734

#### Course Title

Women in Modern European History

#### Department(s)

History

#### Description

This course is intended as an introduction to European women's history from the French Revolution through the 1970s and 1980s. Readings survey the general history of women in western and eastern Europe, as well as outline recent methods of inquiry and topics of debate. The course takes a thematic approach within a roughly chronological framework.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required



**Credits**Minimum Units  
3Maximum Units  
3**HIST 735 - VT:Studies in German and Central European History****Overview**Academic Institution  
QNS01Subject area  
HISTCatalog Number  
735**Course Title**

VT:Studies in German and Central European History

**Department(s)**

History

**Description**

Selected topics in German, Austrian, and East Central European history. May be repeated when offered with a different topic.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**HIST 736 - Modern Italy****Overview**Academic Institution  
QNS01Subject area  
HISTCatalog Number  
736**Course Title**

Modern Italy

**Department(s)**

History

**Description**

The development of modern Italy from the late 18th century to the founding of the postwar Italian Republic. The theme is the search for national identity. An examination of the rise of Italian national consciousness, the movement for unification, and the process of state-building, followed by a study of the Liberal State (1870 - 1915), including such issues as parliamentary development, the Southern Problem, and the rise of the Left. The course then looks at the rise of Fascism and Mussolini's regime, World War II and the anti-Fascist resistance, and the origins of the Republic.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**HIST 738 - China In 19th Century****Overview**Academic Institution  
QNS01Subject area  
HISTCatalog Number  
738**Course Title**

China In 19th Century

**Department(s)**

History

**Description**

An examination of the political, social, and economic developments from the eve of the Opium War to the Boxer Uprisings.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**HIST 739 - Chinese History since 1900****Overview**Academic Institution  
QNS01Subject area  
HISTCatalog Number  
739**Course Title**

Chinese History since 1900

**Department(s)**

History

**Description**

A study of important developments from the Boxer Uprisings to the present.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 740 - Memory and History: Museums, Monuments, Collective Memory, and Public Controversies

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

740

**Course Title**

Memory and History: Museums, Monuments, Collective Memory, and Public Controversies

**Department(s)**

History

**Description**

Explores the contested legacy of the Second World War in Europe and the diverse ways in which it is remembered. Focuses on controversial public memories including the resistance myth, France's Vichy Syndrome, German memory of aerial bombardment, the question of Polish complicity in Nazi crimes, and the place of the Holocaust in pan-European memory debates.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 742 - History Of Japan

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

742

**Course Title**

History Of Japan

**Department(s)**

History

**Description**

Traces the major changes in Japanese history, with an emphasis on the more recent period.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 745 - VT:Lat American Hist

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

745

**Course Title**

VT:Lat American Hist

**Department(s)**

History

**Description**

Readings and discussions of selected topics in the history of Latin America. Content will vary and, with permission of the instructor and graduate advisor, the course may be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 750 - The History of Brazil

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

750

**Course Title**

The History of Brazil

**Department(s)**

History

**Description**

The political, cultural, social, economic and intellectual history of Brazil from the colonial period to the present.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 753 - VT:Brazilian History

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

753

**Course Title**

VT:Brazilian History

**Department(s)**

History

**Description**

Readings and discussions of selected topics in the history of Brazil.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 755 - Nationalism in South Asia

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

755

**Course Title**

Nationalism in South Asia

**Department(s)**

History

**Description**

Examines the phenomenon of nationalism through the lens of South Asia (India and neighboring countries) from its eighteenth century roots to the political conflicts of the present. Topics include nationalism's connections with race and gender, violence and nationhood, and the colonial roots of nationalism in the Third World.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 756 - VT:Jewish History

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

756

**Course Title**

VT:Jewish History

**Department(s)**

History

**Description**

Readings and discussion of selected topics in Jewish history. (Reading knowledge of either Hebrew or Yiddish is desirable but not required.)

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## HIST 757 - History of Modern Genocide

**Overview**

**Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

757

**Course Title**

History of Modern Genocide

**Department(s)**

History

**Description**

Explores the emergence, evolution and causes of genocide in the twentieth century. Examples will be drawn from colonial genocides, the mass murder of Armenians, the Nazi Holocaust of Jews, Sinti and Roma, Soviet massacres, genocides in Cambodia and Rwanda, and "ethnic cleansing" in the former Yugoslavia.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**HIST 758 - Gandhi and Non-Violence**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
HIST	758

**Course Title**  
Gandhi and Non-Violence

**Department(s)**  
History

**Description**  
The history of violence and non-violence in the context of colonialism and nationalism, with an emphasis on the life of M.K. Gandhi, his role in political and social movements, his theoretical writings, and his wider influence.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**HIST 761 - VT:American Colonial Society**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
HIST	761

**Course Title**  
VT:American Colonial Society

**Department(s)**  
History

**Description**  
Studies of the English colonies in North America from the beginnings of exploration and settlement to the eve of the American Revolution. In the perspective of related European developments, stress is placed on political, social, and economic growth and transformation.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**HIST 762 - The Era of the American Revolution**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
HIST	762

**Course Title**  
The Era of the American Revolution

**Department(s)**  
History

**Description**  
An analysis of the English and American scene from 1750 to 1789. The focus is upon the events leading to the American Revolution, the War of Independence, the framing of the Constitution, and the foreign and domestic affairs of the Continental Congress.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**HIST 763 - The United States in the Early National Period 1789&1828**

**Overview**

**Academic Institution**  
QNS01

**Subject area**  
HIST

**Catalog Number**  
763

**Course Title**  
The United States in the Early National Period 1789&1828

**Department(s)**  
History

**Description**  
An examination of the Federalist and Jeffersonian administrations of these years. Special attention is given to economic, ideological, sectional, and international problems that found expression in constitutional issues, the rise of parties, and early formulation of national policy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 766 - VT: Afro-Amer Hist

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
HIST    766

**Course Title**  
VT: Afro-Amer Hist

**Department(s)**  
History

**Description**  
Readings and discussion of selected topics in the history of black people in America. May be repeated for credit with consent of instructor if topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 767 - The Civil War and Reconstruction

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
HIST    767

**Course Title**  
The Civil War and Reconstruction

**Department(s)**  
History

**Description**  
An examination of conflicting interpretations of the causes of the war, the course of the war, and the problems of reconstruction.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 771 - The Depression and the New Deal

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
HIST    771

**Course Title**  
The Depression and the New Deal

**Department(s)**  
History

**Description**  
Political, social, and economic changes in the United States from 1929 to the outbreak of World War II.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 772 - Making of the American Empire

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
HIST	772
<b>Course Title</b>	
Making of the American Empire	
<b>Department(s)</b>	
History	
<b>Description</b>	
A study of the role of foreign policy in the expansion of the United States from the Revolution to the Spanish War.	
<b>Academic Career</b>	
Graduate	
<b>Liberal Arts</b>	
Yes	
<b>Permission Type</b>	
No Special Consent Required	

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## HIST 773 - The United states in World Affairs

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
HIST	773

**Course Title**  
The United states in World Affairs

**Department(s)**  
History

**Description**  
The history of American foreign policy since 1895. The emergence of the United States as a world power, and selected problems in American diplomacy arising from war and peace in the twentieth century.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## HIST 775 - Constitutional History of the United States 1787-1865

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
HIST	775

**Course Title**  
Constitutional History of the United States 1787-1865

**Department(s)**  
History

**Description**  
The historical background of the Constitution and its evolution through the leading decisions of the Supreme Court. Emphasis will be given to the role of the Court in the development of the American federal system, the protection of rights guaranteed by the Constitution, and the jural theories under which the Court has operated. HIST 775 covers the period to 1865; HIST 776 from the Civil War to the present. HIST 775-Fall; HIST 776-Spring

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## HIST 776 - US Constitution 1865-Pres

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
HIST	776

**Course Title**  
US Constitution 1865-Pres

**Department(s)**  
History

**Description**  
The historical background of the Constitution and its evolution through the leading decisions of the Supreme Court. Emphasis will be given to the role of the Court in the development of the American federal system, the protection of rights guaranteed by the Constitution, and the jural theories under which the Court has operated. HIST 775 covers the period to 1865; HIST 776 from the Civil War to the present. HIST 775-Fall; HIST 776-Spring

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## HIST 7771 - Amer City 1890-Pres

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
HIST	7771

Course Title  
Amer City 1890-Pres

Department(s)  
History

Description  
Studies in the transformation of the metropolis in twentieth-century America.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## HIST 778 - The United States Bill of Rights, 1789 to the Present

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
HIST	778

Course Title  
The United States Bill of Rights, 1789 to the Present

Department(s)  
History

Description  
This course traces the historical origins of the United States Constitution. The main focus will be on the United States Supreme Court decisions that extend the provisions of the Bill of Rights, originally applicable only to the federal government, to the states as well.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## HIST 779 - History of Women in the Modern United States

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
HIST	779

Course Title  
History of Women in the Modern United States

Department(s)  
History

Description  
Examines women's social, political, cultural and economic position in American society from 1920 (the passage of suffrage) through the present. Among the topics considered are notions of women's roles in the public and private sphere; how gender intersected with categories of race, class, ethnicity, and region; women's lived experience; and how larger forces affected women's abilities to act in the public sphere.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## HIST 780 - The Family in United States History

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
HIST	780

Course Title  
The Family in United States History

Department(s)  
History

Description  
Examines how familial roles and expectations have changed over the course of U.S. history, both in terms of private relations within families and the family's relationship to forces such as politics, the law, social movements, and the economy.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**HIST 781 - Studies in American Social, Intellectual, and Cultural History to 1870****Overview**Academic Institution  
QNS01Subject area  
HISTCatalog Number  
781Course Title  
Studies in American Social, Intellectual, and Cultural History to 1870Department(s)  
HistoryDescription  
Readings and discussion of selected topics in the development of American society and changing American attitudes and opinions.Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**HIST 784 - Sources of New York City History****Overview**Academic Institution  
QNS01Subject area  
HISTCatalog Number  
784Course Title  
Sources of New York City HistoryDepartment(s)  
HistoryDescription  
An intensive examination of the chief archival resources basic for the study of the early history of New York City. Research papers and reports are prepared and presented by the student.Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**HIST 7851 - Formation of Modern American Culture I****Overview**Academic Institution  
QNS01Subject area  
HISTCatalog Number  
7851Course Title  
Formation of Modern American Culture IDepartment(s)  
HistoryDescription  
Charts the development of American cultural values and practices from the onset of modernity through immediate post-WWII period. Equal emphasis on high and mass culture; on primary and secondary readings. Focuses on consumerism, art, propaganda, advertising, sports, film, and youth culture viewed through the lenses of race, ethnicity, class, and gender.Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**HIST 7852 - Formation of Modern American Culture II****Overview**Academic Institution  
QNS01Subject area  
HISTCatalog Number  
7852Course Title  
Formation of Modern American Culture IIDepartment(s)  
HistoryDescription  
Investigates post-WWII factors in the formation of modern American culture by examining Beats and Bop, Abstract Expressionism and Pop, television, advertising, civil rights, feminism and identity politics, the birth of the postmodern, cable TV, the digital revolution, and the internet. While not an official prerequisite, HIST 785.1 is recommended.



**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## HIST 786 - The American Urban Environment, 1830-1930

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

786

**Course Title**

The American Urban Environment, 1830-1930

**Department(s)**

History

**Description**

A history of the urban physical environment and the efforts to shape it since the early nineteenth century. Emphasis will be placed upon public health, civil engineering, landscape architecture, architecture, and early city planning.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## HIST 787 - Advanced Internship

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

787

**Course Title**

Advanced Internship

**Department(s)**

History

**Description**

A semester-long internship at a relevant site such as an archive, library, museum, historical site, or other organization. Purpose is to provide hands-on experience working with the collection or preservation of historical materials. The student must devise a program of internship work in consultation with a faculty sponsor and a representative of the host organization. The student must prepare and present a substantive final report, plus interim reports as requested. May only be counted once toward fulfillment of coursework for the History MA degree.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## HIST 788 - The United States and the Vietnam War

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

788

**Course Title**

The United States and the Vietnam War

**Department(s)**

History

**Description**

Explores the history of the U.S.'s role in the Vietnam War with an emphasis on the impact of the war on the political, social, and cultural life of the United States.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## HIST 789 - The United States Since 1945

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

789

**Course Title**

The United States Since 1945

**Department(s)**

History

**Description**

Examines major developments in the history of the U. S. from the end of World War II to the present. Major themes include the dynamics of economic growth and stagnation, the politics of liberalism and conservatism, the struggles for political and social equality by African Americans and other groups, cultural change, the Cold War, the War in Vietnam, and the militarization of American foreign policy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**HIST 790 - VT:History Of Africa****Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

790

**Course Title**

VT:History Of Africa

**Department(s)**

History

**Description**

Readings and discussion of selected topics in the development of Africa from the early Bantu dispersals to the era of independence. With the consent of the instructor, the course may be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**HIST 791 - Introduction to Historical Research****Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

791

**Course Title**

Introduction to Historical Research

**Department(s)**

History

**Description**

An introduction to historiography, historical primary and secondary sources, research methods, and the writing of history. Primary sources will include letters, diaries, documents, and contemporary newspapers. This course will analyze secondary texts, correct citations, and bibliography.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**HIST 792 - MLS-MA Capstone Research Project****Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

792

**Course Title**

MLS-MA Capstone Research Project

**Department(s)**

History

**Description**

Required of all MLS/MA students. Taken at the end of MLS/MA coursework, designed for MLS/MA students completing research projects (approximately 70 pages in length). Students may write a historical research paper, or examine a subject specific to Library Science. Students will build on their knowledge of basic historical research skills, especially primary-source analysis, archival research methodologies, and historiography, and they will apply these skills towards the revision and completion of their capstone research projects.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## HIST 795 - Studies Europe Hist

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
HIST                                      795

**Course Title**  
Studies Europe Hist

**Department(s)**  
History

**Description**  
Studies of selected key issues and topics in European history and the historical debates about those issues. Stress is on methodology, interpretation, and the clash of opinion among historians. Topics vary each semester, and the focus may be Europe, the non-Western world, or points of contact and exchange between them. The course is required for graduate students in the MSin Education program in Secondary Social Studies Education. The course may not be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 796 - Advanced Research Seminar

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
HIST                                      796

**Course Title**  
Advanced Research Seminar

**Department(s)**  
History

**Description**  
Taken at the end of MA coursework, prepares students for the process of writing the Master's thesis. Research techniques are reviewed. Students devise a research question for their MA thesis, prepare a historiographic review, and draft a research proposal. Required of all History MA graduate students.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 797 - Studies in American History: Special Problems

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
HIST                                      797

**Course Title**  
Studies in American History: Special Problems

**Department(s)**  
History

**Description**  
Studies of selected key issues and topics in American history and the historical debates about those issues. Stress is on methodology, interpretation, and the clash of opinion among historians. Topics vary each semester, and the focus may be the United States, Latin America, or points of contact and exchange between them. The course is required for graduate students in the MS in Education program in Secondary Social Studies Education. The course may not be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## HIST 7981 - Individual Readings for Graduate Credit

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
HIST                                      7981

**Course Title**  
Individual Readings for Graduate Credit

**Department(s)**  
History

**Description**  
With permission of the individual instructor concerned, the student's advisor, and the departmental graduate advisor, a student may enroll for 1-3 hours of credit in a program of directed readings. This course is designed to supplement existing course offerings and is not proposed as a substitute for the more formal course and seminar work in a field of graduate study.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## HIST 7982 - Individual Readings for Graduate Credit

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

7982

**Course Title**

Individual Readings for Graduate Credit

**Department(s)**

History

**Description**

With permission of the individual instructor concerned, the student's advisor, and the departmental graduate advisor, a student may enroll for 1-3 hours of credit in a program of directed readings. This course is designed to supplement existing course offerings and is not proposed as a substitute for the more formal course and seminar work in a field of graduate study.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

## HIST 7983 - Individual Readings for Graduate Credit

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

7983

**Course Title**

Individual Readings for Graduate Credit

**Department(s)**

History

**Description**

With permission of the individual instructor concerned, the student's advisor, and the departmental graduate advisor, a student may enroll for 1-3 hours of credit in a program of directed readings. This course is designed to supplement existing course offerings and is not proposed as a substitute for the more formal course and seminar work in a field of graduate study.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## HIST 799 - VT: Problems in History

**Overview****Academic Institution**

QNS01

**Subject area**

HIST

**Catalog Number**

799

**Course Title**

VT: Problems in History

**Department(s)**

History

**Description**

New courses and graduate seminars in different fields are currently being offered. Consult the department before registration or see announcements on the History Department Bulletin Board.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ITAL 701 - History of the Italian Language

**Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

701

**Course Title**

History of the Italian Language

**Department(s)**

European Languages &amp; Literature

**Description**

This is a required course for all students in the MA, and MEd. The course traces the external and internal evolution of the Italian language from its popular Latin origins through the twenty-first century. Following a description of the major changes from Latin to the first appearance of written vernacular documents in the Middle Ages, the course will discuss the gradual elaboration and codification of a Standard language in the Renaissance, side by side with the use of the country's dialects. The course will focus on language contact, the spoken vs. the written language, the cultural and linguistic revolutions of the printing press and the internet. It will be based on analyzing the multifaceted Italian language, including literary and non-literary sources.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 704 - Problems in Italian Language****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

704

**Course Title**

Problems in Italian Language

**Department(s)**

European Languages &amp; Literature

**Description**

Course topics may be on linguistic varieties of contemporary Italian; on Italian language and dialects across the globe; on issues of Italian Syntax for prospective teachers of Italian; as well as other topics. The course is repeatable for credit, providing the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 707 - Humanism and the Renaissance****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

707

**Course Title**

Humanism and the Renaissance

**Department(s)**

European Languages &amp; Literature

**Description**

Special attention will be given to the historical and cultural situation in Quattrocento Italy; Poliziano, Lorenzo de' Medici; the great centers of Florence, Naples, Rome, and Padua; the chivalric poems of Pulci and Boiardo.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 708 - Humanism and the Renaissance****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

708

**Course Title**

Humanism and the Renaissance

**Department(s)**

European Languages &amp; Literature

**Description**

The questione della lingua; the treatise writers; Machiavelli, Ariosto, and Tasso. The novelle of Bandello, Firenzuola; the Counter-Reformation and the Academies.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ITAL 711 - Italian Literature from its Origins to the Trecento

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

711

#### Course Title

Italian Literature from its Origins to the Trecento

#### Department(s)

European Languages &amp; Literature

#### Description

Italian Literature from its Origins to the Trecento

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ITAL 713 - Dante's Divina Commedia

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

713

#### Course Title

Dante's Divina Commedia

#### Department(s)

European Languages &amp; Literature

#### Description

Dante's Divina Commedia

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ITAL 715 - The Early Italian Lyric and Petrarch

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

715

#### Course Title

The Early Italian Lyric and Petrarch

#### Department(s)

European Languages &amp; Literature

#### Description

The Early Italian Lyric and Petrarch

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ITAL 716 - Boccaccio's Decameron and the Italian Novella

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

716

#### Course Title

Boccaccio's Decameron and the Italian Novella

#### Department(s)

European Languages &amp; Literature

#### Description

This course focuses on Boccaccio's Decameron, widely hailed as the fundamental text of early European vernacular prose storytelling, as well as on novellas of the fifteenth and sixteenth centuries (by Sercambi, Sacchetti, Salernitano, Firenzuola, and Bandello, amongst others). The course explores the narrative, formal, and sociological features of each work within relevant historical and literary contexts and takes an interdisciplinary approach that can contribute to our understanding of ways of writing and reading (at times) distant from our own. The course also includes a discussion of the impact of Pietro Bembo's evaluation of the Decameron on its reception history and on the numerous novella collections of the Renaissance.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## Liberal Arts

Yes

## Permission Type

No Special Consent Required

## ITAL 721 - Ariosto and Tasso

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

721

#### Course Title

Ariosto and Tasso

#### Department(s)

European Languages & Literature

#### Description

Ariosto and Tasso.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## Credits

Minimum Units  
3

Maximum Units  
3

## ITAL 726 - Aspects of Nineteenth- and Twentieth-Century Theatre

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

726

#### Course Title

Aspects of Nineteenth- and Twentieth-Century Theatre

#### Department(s)

European Languages & Literature

#### Description

Aspects of Nineteenth- and Twentieth-Century Theatre

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## ITAL 722 - Machiavelli and Guicciardini: Historians, Men of Letters, and Political Thinkers

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

722

#### Course Title

Machiavelli and Guicciardini: Historians, Men of Letters, and Political Thinkers

#### Department(s)

European Languages & Literature

#### Description

This course focuses on works of historiography and political science by two prominent Florentine Renaissance thinkers: Niccolò Machiavelli and Francesco Guicciardini. Texts will include Machiavelli's *Il principe*, *Discorsi sopra la prima deca di Tito Livio*, and *Dell'arte della guerra*; and Guicciardini's *Storia d'Italia*, *Considerazioni sui Discorsi di Machiavelli*, and *Storie fiorentine*. Excerpts from each of these texts are analyzed within their historical and generic contexts, paying close attention to the biographical, political, and cultural events that led to their composition

#### Academic Career

Graduate

## Credits

Minimum Units  
3

Maximum Units  
3

## ITAL 752 - The Art and Humanism of Manzoni

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

752

#### Course Title

The Art and Humanism of Manzoni

#### Department(s)

European Languages & Literature

#### Description

The Art and Humanism of Manzoni.

#### Academic Career

Graduate

#### Liberal Arts

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 753 - Leopardi and Foscolo****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

753

**Course Title**

Leopardi and Foscolo

**Department(s)**

European Languages &amp; Literature

**Description**

The questione della lingua; the treatise writers; Machiavelli, Ariosto, and Tasso.  
The novelle of Bandello, Firenzuola; the Counter-Reformation and the Academies.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 755 - Contemporary Italian Poetry****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

755

**Course Title**

Contemporary Italian Poetry

**Department(s)**

European Languages &amp; Literature

**Description**

Contemporary Italian Poetry

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 761 - Italian Literary Criticism since 1870****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

761

**Course Title**

Italian Literary Criticism since 1870

**Department(s)**

European Languages &amp; Literature

**Description**

Italian Literary Criticism since 1870

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 762 - The Modern Italian Novel****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

762

**Course Title**

The Modern Italian Novel

**Department(s)**

European Languages &amp; Literature

**Description**

The course explores the extraordinary tradition of the Italian modern novel and its implications with history, gender, social and cultural contexts, linguistic and structure experimentations in different prose narratives. It will focus on the 19th Century up to WWII: from the historical novel such as Alessandro Manzoni's *Promessi Sposi*, to Giovanni Verga and Luigi Pirandello, Carlo Collodi's *Pinocchio*, Camillo Boito and other writers belonging to the Scapigliati, Gabriele D'Annunzio, and the innovative narratives of women writers such as Matilde Serao, Sibilla Aleramo, Grazia Deledda, Alba De Cespedes, Gianna Manzini, Anna Banti, Paola Masino and others. The course will also offer an in depth examination of the intersections between the literary and journalistic writings of the authors in question and larger contexts and domains such as: literature and visual culture; politics and popular culture; literary journalism; Italy's process of modernization; national identity and the transformation of urban identity and cities; the history of women; North versus South.



**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 763 - The Contemporary Italian Novel****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

763

**Course Title**

The Contemporary Italian Novel

**Department(s)**

European Languages &amp; Literature

**Description**

The course will focus on the rich landscape and development of the contemporary Italian novel and narrative prose techniques from the post-war movement called neo-realism to the present. Students will be exposed to an interdisciplinary framework that considers a variety of movements and experiments in the art of the novel and prose fiction. Students will examine Italian novels and their implications for a critical understanding of Italian history, cultural movements, avant-garde experimentations, word and image, the page and the screen, the digital, memoir and autobiography, and the fast changing pace of today's literary landscape with study of migrant writing in Italian (Amara Lakhous, Igiaba Scego etc). Other authors to be studied include, Italo Calvino, Cesare Pavese, Alberto Moravia, Giorgio Bassani, Natalia Ginzburg, Umberto Eco, Vincenzo Consolo, Goliarda Sapienza, Irene Brin, and Elsa Morante.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 778 - Advanced Translation in Italian.****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

778

**Course Title**

Advanced Translation in Italian.

**Department(s)**

European Languages &amp; Literature

**Description**

The course will deal with translation in theory and in practice and will also include linguistics and stylistics. The translation will be from English to Italian and from Italian to English.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 779 - Studies in Italian Cinema and Media****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

779

**Course Title**

Studies in Italian Cinema and Media

**Department(s)**

European Languages &amp; Literature

**Description**

The course will examine different aspects of the cinematic art. The approaches include: (1) Movements (neo-realism, new wave, etc.); (2) Genres; (3) Literature into films; (4) The cinema as a socio-cultural phenomenon; (5) Cinematic stylistics. Films will be shown in Italian. Students will be expected to produce substantial works of film analysis.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ITAL 780 - Trends and Events in Italian Civilization.

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

780

#### Course Title

Trends and Events in Italian Civilization.

#### Department(s)

European Languages &amp; Literature

#### Description

A study of the events and ideological trends of the civilization produced by Italy. Students will read and report on primary texts in fields such as political history, economics, sociology, and on significant artistic and cultural developments.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ITAL 781 - Seminar: Methodology and Select Literary and Cultural Topics

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

781

#### Course Title

Seminar: Methodology and Select Literary and Cultural Topics

#### Department(s)

European Languages &amp; Literature

#### Description

This is a required course for all students in the MA, MEd, and certificate programs in Italian. The course will explore different theoretical methods (critical theory, semiotics, fashion studies etc.) to prepare students' critical and analytical skills for the 21st Century. Students will work on specific projects focusing on teaching, research, digital humanities, literary studies, business culture and Made in Italy.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ITAL 782 - Studies in Italian Literature and Culture

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

782

#### Course Title

Studies in Italian Literature and Culture

#### Department(s)

European Languages &amp; Literature

#### Description

The course is intended as a seminar in the study of Italian literature and culture. It is an open topics course; the title will be announced at the beginning of each semester and may include the following: word and image; Italian culture in the digital age; the graphic novel; fashion and made in Italy; food culture; art and design; Italian literature and journalism; literature, arts and material culture. It can be repeated for credit provided the topic is different.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ITAL 791 - Special Problems

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAL

#### Catalog Number

791

#### Course Title

Special Problems

#### Department(s)

European Languages &amp; Literature

#### Description

Individual study, under the supervision of an instructor, of a topic agreed on, normally involving research in literary history or criticism, and resulting in an acceptable thesis. No credit will be given for these courses until the thesis has been approved. No more than three credits in each course may be counted toward the degree.

#### Academic Career

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 792 - VT:Special Problems****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

792

**Course Title**

VT:Special Problems

**Department(s)**

European Languages &amp; Literature

**Description**

Individual study, under the supervision of an instructor, of a topic agreed on, normally involving research in literary history or criticism, and resulting in an acceptable thesis. No credit will be given for these courses until the thesis has been approved. No more than three credits in each course may be counted toward the degree.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAL 793 - Capstone/Practicum in Italian Culture in the 21st Century****Overview****Academic Institution**

QNS01

**Subject area**

ITAL

**Catalog Number**

793

**Course Title**

Capstone/Practicum in Italian Culture in the 21st Century

**Department(s)**

European Languages &amp; Literature

**Description**

Students will conduct research and in some cases carry out a hands-on practicum on a topic approved by the instructor. They will also gain experience in writing research proposals; learning general research methods including the use of

libraries and archives; the reading of papers; preparing lectures and presentations on their selected topic. Students' progress will be monitored by way of weekly progress reports submitted to their instructor and advisor. This class offers an innovative educational experience to graduate students in the Advanced Certificate of Italian Culture in the 21st Century. The class is also open to students enrolled in the MA/MS Program in Italian and minors in Italian/American Studies. In addition, students from departments such as Art, Media Studies, FNES, and others who might be interested in the course can enroll upon permission of the director of the program

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**ITAST 701 - Problematics in Italian/American Culture****Overview****Academic Institution**

QNS01

**Subject area**

ITAST

**Catalog Number**

701

**Course Title**

Problematics in Italian/American Culture

**Department(s)**

ITAST-QC

**Description**

This course offers a close examination at the more current issues that surround "Italian/American Culture." Along with the theoretical and analytical writings of select intellectuals residing both within and outside the world of Italian America, the course also examines the notions and concepts of Italian/American Studies from the perspective of "culture" in its varying manifestations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## ITAST 702 - Ital Americans & Ethnic Relations: Interdisc Approach to Study of Interculturalism

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAST

#### Catalog Number

702

#### Course Title

Ital Americans &amp; Ethnic Relations: Interdisc Approach to Study of Interculturalism

#### Department(s)

ITAST-QC

#### Description

This course examines immigration history from colonial America to the present with the major focus on the period from 1870 to the present. Comparative analysis with other ethnic groups within the United States will highlight similar experiences regarding formation, migration, and conflict. Throughout the semester we will discuss the following themes and more: ethnic discrimination and stereotypical images of Italian Americans; the project of multiculturalism; the historiography of Columbus; the relationship between ethnicity and race, religion, and politics; the development of Italian American literature culture, etc.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ITAST 703 - Italian American Literature

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAST

#### Catalog Number

703

#### Course Title

Italian American Literature

#### Department(s)

ITAST-QC

#### Description

This course examines the literary contributions of Italian Americans from the early twentieth century to the present. Migration, settlement patterns, linguistic hybridity, ethnic/racial consciousness, conflicts between marginal and mainstream cultures, and gender ideology will be some of the topics germane to the literature under consideration. The development of secondary criticism and its reflections on Italian American literature is instrumental in defining a canon of texts central to a cultural group. Thus, second-order reflections will be read alongside primary texts in order to examine the strategies taken to offer "protocols of reading," compelling intertextual analysis.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## ITAST 704 - Italian/American Cinema: Production and Representation

### Overview

#### Academic Institution

QNS01

#### Subject area

ITAST

#### Catalog Number

704

#### Course Title

Italian/American Cinema: Production and Representation

#### Department(s)

ITAST-QC

#### Description

This course examines the celluloid works of some of the more prominent names in twentieth-century Italian/American film. Along with those listed above, we will also see a few films, not made by Italian Americans, about Italian Americans. Along with the usual historical and thematic analyses of these works, the technique, "intention," and narrative "responsibility" of the modern/contemporary filmmaker will be examined. More specifically, "How, why, and for whom does one make films and/or write?" And, if applicable, how do they fit into the modernist vis-à-vis postmodernist discourse?

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## JAZZ 701 - Jazz Harmony

### Overview

#### Academic Institution

QNS01

#### Subject area

JAZZ

#### Catalog Number

701

#### Course Title

Jazz Harmony

#### Department(s)

Aaron Copland School of Music

**Description**

The study of harmonization techniques used in tonal jazz compositions and standards from the American songbook. Functional harmonic principles are practiced through writing assignments and studied through transcription.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

## JAZZ 702 - Jazz Harmony II

**Overview**

Academic Institution

QNS01

Subject area

JAZZ

Catalog Number

702

Course Title

Jazz Harmony II

Department(s)

Aaron Copland School of Music

**Description**

This course is a continuation of Jazz Harmony 701. It covers more advanced jazz harmony topics, particularly focusing on non-functional ways of creating chord progressions in modern jazz compositions and arrangements. This study will help students refine their skills in composing, arranging and improvising.

Academic Career

Graduate

Liberal Arts

Yes

Permission Type

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

## JAZZ 703 - Jazz Improvisation I

**Overview**

Academic Institution

QNS01

Subject area

JAZZ

Catalog Number

703

Course Title

Jazz Improvisation I

**Department(s)**

Aaron Copland School of Music

**Description**

This class is designed to give the student knowledge of improvisational techniques used in the jazz idiom, including the interpretation, ornamentation and phrasing of melodies, and a wide variety of approaches to creating lines over chord changes.

Academic Career

Graduate

Liberal Arts

Yes

Permission Type

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

## JAZZ 704 - Jazz Improvisation II

**Overview**

Academic Institution

QNS01

Subject area

JAZZ

Catalog Number

704

Course Title

Jazz Improvisation II

Department(s)

Aaron Copland School of Music

**Description**

Part 2 of the Jazz Improvisation sequence focuses on advanced concepts that professional musicians encounter in the contemporary music scene. Topics include: odd- and mixed-meter playing; complex harmonic forms; free improvisation; and further studies in the modern and contemporary jazz repertoires.

Academic Career

Graduate

Liberal Arts

Yes

Permission Type

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

## JAZZ 705 - Jazz Arranging and Composition I

**Overview**

Academic Institution

QNS01

Subject area

JAZZ

Catalog Number

705

**Course Title**

Jazz Arranging and Composition I

**Department(s)**

Aaron Copland School of Music

**Description**

The development of skills and techniques in the use of various jazz idioms and their application to individual creative expression.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## JAZZ 706 - Jazz Arranging and Composition II

**Overview****Academic Institution**

QNS01

**Subject area**

JAZZ

**Catalog Number**

706

**Course Title**

Jazz Arranging and Composition II

**Department(s)**

Aaron Copland School of Music

**Description**

This course allows serious students of Jazz Composition the opportunity to write for the jazz ensemble and have their works rehearsed and performed. The course addresses topics not covered in JAZZ 705, such as arranging for mixed woodwinds, strings, horn and tuba. The course also explores Afro-Cuban and Brazilian styles as well as other jazz/rock/ethnic fusions.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## JAZZ 707 - Counterpoint for Composers and Arrangers I

**Overview****Academic Institution**

QNS01

**Subject area**

JAZZ

**Catalog Number**

707

**Course Title**

Counterpoint for Composers and Arrangers I

**Department(s)**

Aaron Copland School of Music

**Description**

The purpose of this course is threefold: to give the student, through close analysis of selected works, an awareness of the role of counterpoint in Western European musical composition from the Middle Ages to the present time; to develop the student's ability to shape melodic lines, combining them in contrapuntal textures within a modal/tonal framework ("species" counterpoint); and to demonstrate how these contrapuntal textures can become the basis for compositional elaboration in various styles. Composers studied include: Leonin, Josquin, Monteverdi, Purcell, Bach, Mozart, Schumann, Brahms, Schoenberg, Pärt. This course is required of majors in jazz composition; it is elective for other graduate students in jazz and classical programs.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## JAZZ 709 - Jazz Piano Workshop I

**Overview****Academic Institution**

QNS01

**Subject area**

JAZZ

**Catalog Number**

709

**Course Title**

Jazz Piano Workshop I

**Department(s)**

Aaron Copland School of Music

**Description**

An interactive, drill-oriented course for non-pianists to obtain the jazz piano skills necessary for arranging, composition, and harmonic literacy.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## JAZZ 710 - Jazz Piano Workshop II

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
JAZZ	710

Course Title  
Jazz Piano Workshop II

Department(s)  
Aaron Copland School of Music

Description  
A continuation of JAZZ 709, covering more advanced pianistic concepts and more complex harmonic material.

Academic Career  
Graduate

Liberal Arts  
No

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## JAZZ 711 - Jazz Rhythm Section Workshop

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
JAZZ	711

Course Title  
Jazz Rhythm Section Workshop

Department(s)  
Aaron Copland School of Music

Description  
A mixed performance and analysis course designed for guitarists, pianists, bassists, and drummers to improve their understanding of, and ability to perform in, jazz rhythm sections on a professional level.

Academic Career  
Graduate

Liberal Arts  
No

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
2	2

## JAZZ 712 - Improvisation for Vocalists

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
JAZZ	712

Course Title  
Improvisation for Vocalists

Department(s)  
Aaron Copland School of Music

Description  
This course is a skills-based class focusing on the problems peculiar to vocalists studying jazz improvisation. Topics include: melodic ornamentation, lead sheet basis, piano skills, and progressive steps and exercises to improve hearing chord progressions, creating melodies from scales, chromatic approach note patterns, and transcription. This course helps singers acquire practice skills to develop as jazz composers, arrangers and improvisers.

Academic Career  
Graduate

Liberal Arts  
No

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## JAZZ 713 - Jazz Transcription and Ear Training

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
JAZZ	713

Course Title  
Jazz Transcription and Ear Training

Department(s)  
Aaron Copland School of Music

Description  
An interactive, drill-oriented course in the accurate hearing and transcription of recorded jazz performances. Students will also improve their aural recognition of chord qualities, tensions, and piano voicings in live jazz performances.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
1	1

**JAZZ 714 - Jazz Style and Analysis****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
JAZZ	714

**Course Title**  
Jazz Style and Analysis

**Department(s)**  
Aaron Copland School of Music

**Description**  
This course entails in-depth analysis of masterworks by a variety of jazz composers and arrangers. The class will study issues of form and harmonic language, stylistic markers, and the development of musical ideas.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**JAZZ 715 - Sight-reading****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
JAZZ	715

**Course Title**  
Sight-reading

**Department(s)**  
Aaron Copland School of Music

**Description**  
The class is for all instrumentalists who wish to improve their sight-reading, particularly sight-reading demands that professional level jazz musicians routinely encounter. Emphasis is placed on reading and writing rhythms of increasing complexity as well as improvising over harmonic progressions from chord symbols.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
2	2

**JAZZ 716 - Improvisation for Drummers****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
JAZZ	716

**Course Title**  
Improvisation for Drummers

**Department(s)**  
Aaron Copland School of Music

**Description**  
This is a mixed performance and analysis course designed for drummers to improve their understanding of, and ability to improvise, drum solos collectively and individually within a small jazz group on a professional level. It is required of drummers in the Jazz Performance program.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**JAZZ 717 - Jazz History Survey****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
JAZZ	717

**Course Title**  
Jazz History Survey

**Department(s)**  
Aaron Copland School of Music

**Description**  
A historical survey of the major performers and composers in jazz, from Ragtime to the present. The course employs musical analysis, but it also delves into jazz's social context, highlighting the unique role that jazz has played in cultural history.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required



**Credits**

Minimum Units	Maximum Units
3	3

**JAZZ 718 - Topics in Jazz History****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
JAZZ	718

**Course Title**  
Topics in Jazz History

**Department(s)**  
Aaron Copland School of Music

**Description**  
Special topics in jazz history focusing on a specific era, key players, composers or arrangers of central importance to the jazz tradition, and their relevance to the jazz musical world of the present.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**JAZZ 721 - Jazz Lessons in Composition****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
JAZZ	721

**Course Title**  
Jazz Lessons in Composition

**Department(s)**  
Aaron Copland School of Music

**Description**  
Weekly lessons in jazz composition. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4	4

**JAZZ 722 - Jazz Lessons in Composition****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
JAZZ	722

**Course Title**  
Jazz Lessons in Composition

**Department(s)**  
Aaron Copland School of Music

**Description**  
Weekly lessons in jazz composition. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

**Credits**

Minimum Units	Maximum Units
4	4

**JAZZ 723 - Jazz Lessons in Composition****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
JAZZ	723

**Course Title**  
Jazz Lessons in Composition

**Department(s)**  
Aaron Copland School of Music

**Description**  
Weekly lessons in jazz composition. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**JAZZ 724 - Private Instruction in Jazz Performance****Overview**Academic Institution  
QNS01Subject area  
JAZZCatalog Number  
724**Course Title**

Private Instruction in Jazz Performance

**Department(s)**

Aaron Copland School of Music

**Description**Weekly private lesson in major applied instrument. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**JAZZ 725 - Private Instruction in Jazz Performance****Overview**Academic Institution  
QNS01Subject area  
JAZZCatalog Number  
725**Course Title**

Private Instruction in Jazz Performance

**Department(s)**

Aaron Copland School of Music

**Description**Weekly private lesson in major applied instrument. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**JAZZ 726 - Private Instruction in Jazz Performance****Overview**Academic Institution  
QNS01Subject area  
JAZZCatalog Number  
726**Course Title**

Private Instruction in Jazz Performance

**Department(s)**

Aaron Copland School of Music

**Description**Weekly private lesson in major applied instrument. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**JAZZ 786 - Combo Workshop****Overview**Academic Institution  
QNS01Subject area  
JAZZCatalog Number  
786**Course Title**

Combo Workshop

**Department(s)**

Aaron Copland School of Music

**Description**

Jazz Studies majors prepare and perform their own small-group arrangements.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**JAZZ 790 - VT: Special Topics****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
JAZZ	790

**Course Title**  
VT: Special Topics

**Department(s)**  
Aaron Copland School of Music

**Description**  
Intensive study and a definite project in a field chosen by the student under the direction of a member of the School. May be repeated for credit if the topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Instructor Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
1	1

**JAZZ 794 - Jazz Ensemble****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
JAZZ	794

**Course Title**  
Jazz Ensemble

**Department(s)**  
Aaron Copland School of Music

**Description**  
The study and performance of selected repertoire, published and unpublished, including student work. May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
1	1

**LBLST 700 - Western Values I****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
LBLST	700

**Course Title**  
Western Values I

**Department(s)**  
Liberal Studies

**Description**  
An intensive examination of the philosophical, religious, and political ideas of the ancient and Medieval world in their historical context.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**LBLST 701 - Western Values II****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
LBLST	701

**Course Title**  
Western Values II

**Department(s)**  
Liberal Studies

**Description**  
A continuation of LBLST 700 from the Renaissance to the middle of the twentieth century

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**LBLST 702 - Western Values III****Overview****Academic Institution**

QNS01

**Subject area**

LBLST

**Catalog Number**

702

**Course Title**

Western Values III

**Department(s)**

Liberal Studies

**Description**

Topics in twentieth-century philosophy, politics, and science.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**LBSCI 700 - The Technology of Information****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

700

**Course Title**

The Technology of Information

**Department(s)**

Graduate Library Science

**Description**

This course will introduce the student to the conceptual and practical elements of visual and computer literacy for the library and information science profession. Particular attention will be paid to the place and role of libraries and information centers. A laboratory session following each class will give students the opportunity to apply some of the concepts learned in class and to learn and strengthen basic skills.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**LBSCI 701 - Fundamentals of Library and Information Science****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

701

**Course Title**

Fundamentals of Library and Information Science

**Department(s)**

Graduate Library Science

**Description**

Overview of the curriculum, historical introduction to librarianship and information science as a profession; professional literature; role and structure of libraries and information centers in the conservation and dissemination of knowledge to various clientele; nature of research in library and information science.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**LBSCI 702 - Information Sources and Service: General****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

702

**Course Title**

Information Sources and Service: General

**Department(s)**

Graduate Library Science

**Description**

Study and application of general reference, bibliographic and other information sources (print and electronic); techniques and procedures for serving the needs of various clientele; criteria for evaluating these sources and this service and for developing appropriate collections.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LBSCI 703 - Information Organization

### Overview

**Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

703

**Course Title**

Information Organization

**Department(s)**

Graduate Library Science

**Description**

Introduction to theories and principles for organizing and providing access to information, including cataloging standards and formats, subject analysis and access, subject heading lists, classification systems, and metadata and metadata schemes.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LBSCI 705 - Managing Information Services

### Overview

**Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

705

**Course Title**

Managing Information Services

**Department(s)**

Graduate Library Science

**Description**

Fundamentals of administration; functions of management (planning, organizing, staffing, controlling and communicating) in various types of libraries and information centers.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LBSCI 706 - Advanced Technological Concepts

### Overview

**Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

706

**Course Title**

Advanced Technological Concepts

**Department(s)**

Graduate Library Science

**Description**

This will introduce the student to advanced levels of the conceptual and practical elements of visual and computer literacy for the library and information science profession. Online laboratory sessions and exercises will give students the opportunity to begin to apply some of the concepts learned in class.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LBSCI 709 - Research in Library and Information Studies

### Overview

**Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

709

**Course Title**

Research in Library and Information Studies

**Department(s)**

Graduate Library Science

**Description**

This required course provides students with a survey of the different methods of inquiry commonly used in library and information studies today and their application in research projects. Students will write a fully developed research proposal that fulfills the requirements of the New York State Department of Education. Req: Completion of 21 course credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 710 - Applied Research in Information Studies

**Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

710

**Course Title**

Applied Research in Information Studies

**Department(s)**

Graduate Library Science

**Description**

This course provides students with an opportunity to conduct an independent project. This course may be undertaken as a practice based project, or as a research project building on research design conducted in LBSCI 709. This course may be repeated twice more for credit provided the topic is not the same.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 711 - Collection Development

**Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

711

**Course Title**

Collection Development

**Department(s)**

Graduate Library Science

**Description**

Design of collection policy; criteria for selection and maintenance; evaluation techniques; resource sharing; organization and management of collection development, electronic and print.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 713 - Information Sources and Service: Science and Technology.

**Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

713

**Course Title**

Information Sources and Service: Science and Technology.

**Department(s)**

Graduate Library Science

**Description**

Study and application of reference, bibliographic and other information sources (print and electronic) in science and technology; techniques and procedures for serving the needs of various clientele; criteria for evaluating these sources and this service and for developing appropriate collections.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 715 - Information Sources and Service: Social Sciences.

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

715

#### Course Title

Information Sources and Service: Social Sciences.

#### Department(s)

Graduate Library Science

#### Description

Study and application of reference, bibliographic and other information sources (print and electronic) in the social sciences; techniques and procedures for serving the needs of various clientele; criteria for evaluating these sources and this service and for developing appropriate collections.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 717 - Information Sources and Service: Humanities.

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

717

#### Course Title

Information Sources and Service: Humanities.

#### Department(s)

Graduate Library Science

#### Description

Study and application of reference, bibliographic, and other information sources (print and electronic) in the humanities; techniques and procedures for serving the needs of various clientele; criteria for evaluating these sources and this service and for developing appropriate collections.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 719 - Government Information Sources

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

719

#### Course Title

Government Information Sources

#### Department(s)

Graduate Library Science

#### Description

Structure of the U.S. government in relation to its official publications, selection, acquisition, organization, and use of federal documents of the United States, with some attention to American state and municipal documents as well as international and United Nations publications; print and electronic access.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 720 - The Design and Evaluation of Visual Information

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

720

#### Course Title

The Design and Evaluation of Visual Information

#### Department(s)

Graduate Library Science

#### Description

Introduction to the techniques and tools used in the planning, production, and evaluation of multimedia visual displays of information. Special attention will be devoted to Internet Web pages and ways of presenting statistical and qualitative information in multimedia.

#### Academic Career

Graduate

#### Liberal Arts

Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LBSCI 721 - Advanced Technical Services

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LBSCI	721

**Course Title**  
Advanced Technical Services

**Department(s)**  
Graduate Library Science

**Description**  
A survey course including several ancillary activities required for maximum access to the materials in a library collection. Principal topics are acquisitions; circulation policies and procedures; preservation and conservation; online public access catalogs; interlibrary loan procedures; and the administration of the technical services department.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LBSCI 723 - Advanced Subject Cataloging and Classification

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LBSCI	723

**Course Title**  
Advanced Subject Cataloging and Classification

**Department(s)**  
Graduate Library Science

**Description**  
Advanced topics in the theories, principles, and practices of subject cataloging and classification will be covered.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LBSCI 725 - Bibliographic Control of Nonprint Material.

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LBSCI	725

**Course Title**  
Bibliographic Control of Nonprint Material.

**Department(s)**  
Graduate Library Science

**Description**  
This course will introduce the principles of bibliographic control as they are applied to nonprint materials in libraries and other information agencies. Topics include the background and development of current practices; bibliographic description of the range of nonprint materials; and subject access.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LBSCI 726 - Data Curation

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LBSCI	726

**Course Title**  
Data Curation

**Department(s)**  
Graduate Library Science

**Description**  
The course surveys data practices and services of various disciplines and research teams and the theoretical and practical problems in data curation. It introduces students to the fundamentals of data structures and to the life cycle of data. Data



management and curation practices in research environments, libraries, archives, and institutional repositories are included, as well as the technical standards for data and metadata.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 728 - Public History

**Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

728

**Course Title**

Public History

**Department(s)**

Graduate Library Science

**Description**

Public history is historical work that is intended to reach, involve, and engage a public audience outside of academia. Libraries, archives and museums often provide platforms and best practices for public history work and facilitate public engagement in public history processes and outputs. In this course, we will explore a variety of case studies from a number of public history's ever-expanding footprint. The central assignment for this course will include fieldwork on a local public history project. Students will be required to work both individually and in groups on experiential and service-learning projects.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 729 - Introduction to Metadata for Cataloging and Classification of Internet Resources

**Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

729

**Course Title**

Introduction to Metadata for Cataloging and Classification of Internet Resources

**Department(s)**

Graduate Library Science

**Description**

This is a course about encoding and applying metadata standards to describe and represent electronic information as objects (e.g., eBooks, web sites, etc.) in a distributed network environment. Covers various applications in libraries and information institutions, with a focus on the meta mark-up languages.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 730 - Archival, Appraisal, Arrangement and Access

**Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

730

**Course Title**

Archival, Appraisal, Arrangement and Access

**Department(s)**

Graduate Library Science

**Description**

This course provides an in-depth exploration of the archival principals of Appraisal, Arrangement and Description. Within a practical and theoretical framework students will consider how recent advances in technology provide opportunities for more dynamic and interactive tools for archival access. They will construct electronic finding aids, including Encoded Archival Description (EAD).

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 731 - From Manuscripts to eBooks: Studies in Print Culture

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

731

#### Course Title

From Manuscripts to eBooks: Studies in Print Culture

#### Department(s)

Graduate Library Science

#### Description

This course will explore the evolution of the "text" from its early conceptions in manuscript culture through its revolutionary transmission into print and finally into the digital age. Discussion will combine technical aspects of print culture as well as theoretical concerns for how knowledge is transmitted (how knowledge is "made"). Recent critical interest in the history and technology of the book, the interplay between word and image, and mechanisms of reading are also included.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 732 - Introduction to Archival Studies

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

732

#### Course Title

Introduction to Archival Studies

#### Department(s)

Graduate Library Science

#### Description

This course provides an introduction to the theory and practice of managing archives and manuscript collections. The course will cover the theoretical basis for preserving and using historical records; the role of the archivist; and the various types of archives and manuscript repositories as well as the techniques of acquisition; arrangement; description; preservation; reference; and the handling of special formats such as photographs, moving images, sound recordings, and electronic records.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 733 - Preservation of Cultural Heritage Materials

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

733

#### Course Title

Preservation of Cultural Heritage Materials

#### Department(s)

Graduate Library Science

#### Description

Permission of the instructor. Examines the preservation needs of different information formats commonly found in libraries, archives, and institutions of social memory including book, paper, photographic, and audio-visual materials. Attention will be paid to how environmental and storage conditions influence rates of deterioration. A range of preservation functions required for long-term stability of materials, will be explored. Funding sources for preservation activities will be discussed. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 734 - Art Librarianship & Visual Resources Curatorship

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

734

#### Course Title

Art Librarianship &amp; Visual Resources Curatorship

#### Department(s)

Graduate Library Science

**Description**

Survey of present practices in art and visual resources librarianship /curatorship; organization, administration, collection development, instruction and assessment of user needs; special issues in art libraries and visual resources collections. Guided visits to various types of art libraries and arts organizations will be included.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 735 - Museum Studies****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

735

**Course Title**

Museum Studies

**Department(s)**

Graduate Library Science

**Description**

This course will cover the essential elements of the curation and management of museums including collection policy, legal and ethical concerns, artifact handling, documentation, information management, preservation, exhibition, outreach and access. Museum collections that will be studied include collections of art, history, natural history, science and moving image/multimedia. Field trip to a museum exhibition is required.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 736 - Records Management****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

736

**Course Title**

Records Management

**Department(s)**

Graduate Library Science

**Description**

Examines the theories and practices of modern records management both in routine and non-routine organizational procedures and situations. Contemporary records and information management (RIM) focuses on traditional and on electronic records; approaching their management (storage, retrieval, access, disposal) by evaluating the record's life cycle as a whole. These processes are performed in the context of legal requirements, system architecture, industry standards and organizational guidelines.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 737 - Materials for Children****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

737

**Course Title**

Materials for Children

**Department(s)**

Graduate Library Science

**Description**

Introduction to the forms and types of literature, including but not limited to both print and digital materials; criteria for excellence; techniques for selection and evaluation for collection development; and identification of appeal and suitability for different types of young users

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 738 - Mythology and Folklore for Children and Adolescents

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

738

#### Course Title

Mythology and Folklore for Children and Adolescents

#### Department(s)

Graduate Library Science

#### Description

Introduces students to myths, folklore and fairy tales from a wide range of cultures. The major recorders and collectors of mythology, folklore, and fairy tales and the place of these stories in library/information center programs will be addressed. Professional resources and the criteria for selection of these materials for the K-12 audience will be examined.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 739 - Materials for Young Adults

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

739

#### Course Title

Materials for Young Adults

#### Department(s)

Graduate Library Science

#### Description

Survey of materials for young people ages 12-17; includes historical development of specific genres, and consideration of the reading interests and information needs of young adults.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 741 - Information Systems Analysis and Design

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

741

#### Course Title

Information Systems Analysis and Design

#### Department(s)

Graduate Library Science

#### Description

This course is designed to provide students with an understanding of the concepts and methodology of systems analysis both organizational and automated. The course emphasizes problem-solving and decision making skills and developing criteria for judgment. Current and developing uses of automation in libraries and information centers will be discussed and demonstrated.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 743 - Information Access Systems: Indexing, Abstracting, and Other Access Systems.

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

743

#### Course Title

Information Access Systems: Indexing, Abstracting, and Other Access Systems.

#### Department(s)

Graduate Library Science

#### Description

Introduction to the theory, methodology, and implementation of text-based access systems. Identification, selection, and organization of concept-bearing terms to generate patterns for document analysis, storage, and information retrieval. Both manual and electronic information systems will be used to demonstrate patterns of storage and retrieval including graphics, user interfaces, indexes, abstracts, and thesauri.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LBSCI 746 - Design and Construction of Bibliographic Databases

**Overview**

**Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

746

**Course Title**

Design and Construction of Bibliographic Databases

**Department(s)**

Graduate Library Science

**Description**

Covers the basic principles, elements and concepts of design, implementation and utilization of bibliographic databases using a database management systems (DBMS) approach. Examines various data models and several database models for bibliographic data (i.e. records of information-bearing entities with necessary attributes of bibliographic data and subjectrepresentation). Administrative tasks in the bibliographic database management environment are also addressed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LBSCI 747 - Selected Technology Applications in Information Management

**Overview**

**Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

747

**Course Title**

Selected Technology Applications in Information Management

**Department(s)**

Graduate Library Science

**Description**

Introduction to some of the latest developments in information technology of immediate relevance to information professionals; hands-on laboratory experience of the systems selected. Units and contents may be changed from time to time to reflect new developments in the information arena.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LBSCI 748 - Programming

**Overview**

**Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

748

**Course Title**

Programming

**Department(s)**

Graduate Library Science

**Description**

This course examines the basic principles, elements, and concepts of design, writing, debugging and implementation of programmatic utilities in a distributive environment (i.e., the Internet). The focus is on problem solving and learning to design web programs that are readable, well documented, efficient and correct. The emphasis of the course is digital library applications.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LBSCI 752 - Digital Preservation

**Overview**

**Academic Institution**

QNS01

**Subject area**  
LBSCI

**Catalog Number**  
752

**Course Title**  
Digital Preservation

**Department(s)**  
Graduate Library Science

**Description**  
Complementing LBSCI 733: Preservation of Cultural Heritage Materials, this course examines the theory, tools/technologies and issues associated with the long-term retention, preservation and accessibility of material digitally born or subsequently digitized/reformatted. Topics covered will include the characteristics of digital media, standards and quality control, digital asset management, and best practices. The role of digital preservation in the process of digital curation will be highlighted. Completion of LBSCI 729: Introduction to Metadata and/or LBSCI 757: Digital Imaging, prior to enrollment, is recommended. The goal is to introduce students to the theoretical, practical and technological aspects of digital preservation and to place preservation in the broader context of digital curation.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## LBSCI 753 - Digital Libraries

### Overview

**Academic Institution**  
QNS01

**Subject area**  
LBSCI

**Catalog Number**  
753

**Course Title**  
Digital Libraries

**Department(s)**  
Graduate Library Science

**Description**  
Overview of digital libraries; the historical reasons for their development; the nature of their creation, uses and evaluation. Methods of collection building, knowledge organization, interface design and information retrieval techniques appropriate to multimedia digital materials are covered. Emphasis is also given to social, economic and legal aspects of digital libraries, in particular as they relate to the traditional library.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## LBSCI 754 - Human-Computer Interaction

### Overview

**Academic Institution**  
QNS01

**Subject area**  
LBSCI

**Catalog Number**  
754

**Course Title**  
Human-Computer Interaction

**Department(s)**  
Graduate Library Science

**Description**  
Introduces students to the fundamental principles of human-computer interaction (HCI) with a strong focus on understanding the nature of how people interact with, or avoid, computer technology; the problems they encounter in these interactions, and the design principles that address the tactics used in making computers more usable and effective to a wide variety of people, including children, the elderly, the handicapped and other special populations.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## LBSCI 755 - Design and Production of Multimedia

### Overview

**Academic Institution**  
QNS01

**Subject area**  
LBSCI

**Catalog Number**  
755

**Course Title**  
Design and Production of Multimedia

**Department(s)**  
Graduate Library Science

**Description**  
Provides an overview of the theories, tools, and techniques involved in the design and production of digitized information communication and interaction in varied formats; introduces students to practical technological methods related to digital capture and manipulation of textual, audio and video information and materials.

**Academic Career**  
Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 756 - Managing New Technologies****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

756

**Course Title**

Managing New Technologies

**Department(s)**

Graduate Library Science

**Description**

This course will introduce students to the administration of digital and multimedia resources (software, hardware, peripherals, tools and services) in libraries, with an emphasis on strategic planning and change management. Other issues addressed will include funding, staffing, training issues, evaluation, selection, accessibility and intellectual property issues relating to new technologies. There will be a practical focus on technology grant writing. Current and developing uses of emerging technologies (e. g. Web 2.0, Library 2.0) in libraries and information centers will be discussed and demonstrated

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 757 - Digitization of Cultural Materials****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

757

**Course Title**

Digitization of Cultural Materials

**Department(s)**

Graduate Library Science

**Description**

Introduces students to the theoretical and practical aspects of digitization, with an emphasis on evolving guidelines and lessons learned from existing digitization projects. Among the topics to be examined are: selection principles, project and workflow planning, digitization of cultural materials, file formats, quality control, rights management, metadata, access, funding issues, assessment and evaluation, digital asset management, and preservation. Theoretical concepts will be reinforced through hands-on production experience in digitizing and managing digitized cultural materials.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 761 - Organization and Management: School Library Media Centers****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

761

**Course Title**

Organization and Management: School Library Media Centers

**Department(s)**

Graduate Library Science

**Description**

Roles, services, programs, organization and management of the school library media center including teaching, information access and delivery, and program administration. Emphasis on collaboration with the school community, integrating state and national standards in the school library curriculum, integrating the school library curriculum into the wider school curriculum and the importance of information literacy. Assistive technology and other relevant information technology are addressed. Twenty-five hours of fieldwork in a school library mediacenter are required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 763 - Nonbook Materials: Sources and Service

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

763

#### Course Title

Nonbook Materials: Sources and Service

#### Department(s)

Graduate Library Science

#### Description

Evaluation, selection, and utilization of nonbook materials and technology to serve the library/information needs of all students, including those with special needs, and faculty regardless of specialization; and to foster information literacy skills including cooperative programs with teachers, school library media centers, and other types of library and information agencies.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 764 - Information Literacy Instruction for K-12

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

764

#### Course Title

Information Literacy Instruction for K-12

#### Department(s)

Graduate Library Science

#### Description

Evaluation, selection, and utilization of appropriate instructional methods to serve the needs of all members of the K-12 school community. Emphasis is on teaching information literacy skills to K-12 children and youth as well as methods and formats supportive of diverse learners. Twenty-five hours of fieldwork in a school library media center are required.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 765 - Resources for the School Curriculum

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

765

#### Course Title

Resources for the School Curriculum

#### Department(s)

Graduate Library Science

#### Description

Collection development in the school library media center including selection, evaluation, and utilization of instructional materials to support the curriculum needs of all students. Selection policy, intellectual freedom, challenged material are addressed. Special attention will be given to the growth of information literacy and to collaboration with the school community.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LBSCI 767 - Reading Motivation Techniques for Children and Adolescents

### Overview

#### Academic Institution

QNS01

#### Subject area

LBSCI

#### Catalog Number

767

#### Course Title

Reading Motivation Techniques for Children and Adolescents

#### Department(s)

Graduate Library Science

#### Description

Development of techniques that include collaboration with faculty in reading guidance; aspects covered include individual performance and collaborative evaluation of book talks, storytelling, and poetry reading. Strategies to work with faculty with responsibilities for literacy and students with special needs are components of the course.



**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 768 - Storytelling****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

768

**Course Title**

Storytelling

**Department(s)**

Graduate Library Science

**Description**

Guides students through a range of stories from around the world, offering storytelling techniques that will accumulate through the term to provide them with the tools and confidence to use storytelling as part of their work. A major focus of the storytelling work will be on building an interactive experience for the children. Developing literacy-building activities from the stories will also be covered. Working with various story sources from folktale collections to picture books will be part of the in-class work. Exploring folktale structures as a way to understand how stories are built and provide students with structural templates to create their own stories will also be examined. A variety of readings and discussions will tie all these elements together.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 773 - Public Library Services for Children****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

773

**Course Title**

Public Library Services for Children

**Department(s)**

Graduate Library Science

**Description**

Planning and applications of public library services for children. Topics include program planning, collection development, community networking, management issues, and training.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 775 - Librarianship in a Multicultural Society: Material and Services.****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

775

**Course Title**

Librarianship in a Multicultural Society: Material and Services.

**Department(s)**

Graduate Library Science

**Description**

Evaluation, selection, and utilization of book and nonbook materials to serve minority and ethnic clientele; traditional and innovative approaches to programming.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**LBSCI 777 - Public Library Services for Young Adults****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

777

**Course Title**

Public Library Services for Young Adults

**Department(s)**

Graduate Library Science

**Description**

An overview of contemporary public library services for adolescents, with an emphasis on how to conceptualize or customize services that meet the development trends of this age group, while flourishing within organizational, political, and community cultures.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 778 - Informational Literacy Instructions for Adults

**Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

778

**Course Title**

Informational Literacy Instructions for Adults

**Department(s)**

Graduate Library Science

**Description**

This course will provide students with both a theoretical and practical foundation for functioning as an instructor within a library or information center. It will cover both the basic knowledge and skills necessary for designing, implementing, delivering and evaluating instructional programs in all types of library settings, with a focus on adult patrons

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 779 - Adult Reader's Advisory Services in the Public Library

**Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

779

**Course Title**

Adult Reader's Advisory Services in the Public Library

**Department(s)**

Graduate Library Science

**Description**

Introduces students to: (1) major categories and subcategories of genre fiction popular among adult readers; (2) theories underpinning reader's advisory services, such as theories of readers and reading, popular culture, cultural stratification, reader response, and audience uses and gratifications; and (3) current library practices that serve the needs of adults interested in these materials.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LBSCI 784 - Health Sciences Librarianship

**Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

784

**Course Title**

Health Sciences Librarianship

**Department(s)**

Graduate Library Science

**Description**

All phases of medical and allied health sciences librarianship, with emphasis on medical community relationships; current information retrieval systems; the selection and control of serial, monographic, and nonprint materials in biomedicine. Electronic searching and retrieval experience necessary.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**LBSCI 786 - Business Information Sources****Overview**Academic Institution  
QNS01Subject area  
LBSCICatalog Number  
786Course Title  
Business Information SourcesDepartment(s)  
Graduate Library Science

**Description**  
Survey, evaluation, and application of information sources in business and finance; techniques and procedures for serving the needs of various clientele; special issues in corporate information centers.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**LBSCI 787 - Strategic and Competitive Intelligence****Overview**Academic Institution  
QNS01Subject area  
LBSCICatalog Number  
787Course Title  
Strategic and Competitive IntelligenceDepartment(s)  
Graduate Library Science

**Description**  
This course will introduce the student to the theories, concepts, processes and practices of ethical competitive intelligence. It covers the study and use of basic competitive intelligence concepts, practices, techniques and tools, set within the context of ethical business practice and grounded in critical thinking approaches. Application of concepts, processes and techniques within related business and information-intensive settings will also be explored.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**LBSCI 788 - Law Librarianship****Overview**Academic Institution  
QNS01Subject area  
LBSCICatalog Number  
788Course Title  
Law LibrarianshipDepartment(s)  
Graduate Library Science

**Description**  
Survey, evaluation, and application of legal research; special issues in law librarianship.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**LBSCI 790 - Non Print Catal****Overview**Academic Institution  
QNS01Subject area  
LBSCICatalog Number  
790Course Title  
Non Print CatalDepartment(s)  
Graduate Library Science

**Description**  
NON PRINT CATAL

Academic Career  
GraduateLiberal Arts  
Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**LBSCI 7901 - VT:Seminar****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

7901

**Course Title**

VT:Seminar

**Department(s)**

Graduate Library Science

**Description**

Topics vary from semester to semester, according to trends and developments in the profession; announcements to be made in advance.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
1	1

**LBSCI 7903 - VT:Seminar****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

7903

**Course Title**

VT:Seminar

**Department(s)**

Graduate Library Science

**Description**

Topics vary from semester to semester, according to trends and developments in the profession; announcements to be made in advance.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**LBSCI 795 - Internship. Fieldwork****Overview****Academic Institution**

QNS01

**Subject area**

LBSCI

**Catalog Number**

795

**Course Title**

Internship. Fieldwork

**Department(s)**

Graduate Library Science

**Description**

Completion of at least 21 credits. Designed to provide students with practical experience in a library, archive, school library media or other information center; students for whom this course is a required part of their program should check with program coordinators for specific requirements. No internship hours may be earned before the course begins

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**LCD 550 - Introduction to the Education of Multilingual Learners****Overview****Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

550

**Course Title**

Introduction to the Education of Multilingual Learners

**Department(s)**

Linguistics &amp; Communication Disorders

**Description**

This course offers teacher candidates across certification areas an introduction to the education of multilingual learners (also referred to as English language learners or ELLs). The course will examine policies, programming, and pedagogical practices for multilingual learners to support their language practices, literacy practices, and content knowledge. This course includes 15hrs fieldwork.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 700 - Research Methodology in Communication Sciences and Disorders

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

700

**Course Title**

Research Methodology in Communication Sciences and Disorders

**Department(s)**

Linguistics & Communication Disorders

**Description**

Methods of experimental and statistical control in the design of research for the speech, hearing, and language sciences. Issues addressed include research concerning developmental processes; speech and language acquisition and disabilities; diagnostic and intervention strategies in clinical and school environments, instructional and assistive technology; validation of instructional strategies; and program evaluation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 701 - Introduction to Linguistics

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

701

**Course Title**

Introduction to Linguistics

**Department(s)**

Linguistics & Communication Disorders

**Description**

Structural aspects of language most relevant to the ESL and/or literacy teacher.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 702 - Teaching English Sentence Structure I

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

702

**Course Title**

Teaching English Sentence Structure I

**Department(s)**

Linguistics & Communication Disorders

**Description**

Introduction to the grammar of English and applications to teaching ESL, Part I.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 703 - Teaching English Sentence Structure II

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

703

**Course Title**

Teaching English Sentence Structure II

**Department(s)**

Linguistics & Communication Disorders

**Description**

Introduction to the grammar of English and applications to teaching ESL, Part II. Continuation of LCD 702.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 704 - The Psychology of Speech

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

704

**Course Title**

The Psychology of Speech

**Department(s)**

Linguistics & Communication Disorders

**Description**

Introduction to the grammar of English and applications to teaching ESL, Part II. Continuation of LCD 702.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 705 - Language and Cross-Cultural Communication.

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

705

**Course Title**

Language and Cross-Cultural Communication.

**Department(s)**

Linguistics & Communication Disorders

**Description**

The acquisition and use of non-native languages from a cross-cultural perspective. Introduction to research on how non-native speakers learn the sociolinguistic and pragmatic rules of the target language and how inappropriate use of such rules often results in miscommunication between native and non-native speakers. Developing effective pedagogical techniques in teaching communicative competence to ESL learners.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 706 - Bilingualism

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

706

**Course Title**

Bilingualism

**Department(s)**

Linguistics & Communication Disorders

**Description**

Sociolinguistic and psycholinguistic properties of bilingualism, legal history, and educational foundations of bilingual education. Bilingual education will be compared to other approaches. An emphasis is placed on the implications of bilingualism for ESL and/or literacy teachers.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 707 - Evaluation and Measurement in TESOL.

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

707

**Course Title**

Evaluation and Measurement in TESOL.

**Department(s)**

Linguistics & Communication Disorders

**Description**

Discussion of contemporary issues and problems in ESL testing. Construction and evaluation of tests and assessments in all areas of language skills. Analysis of published standardized ESL tests, such as LAB and TOEFL.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 708 - Speech Science

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

708

**Course Title**

Speech Science

**Department(s)**

Linguistics & Communication Disorders

**Description**

Discussion of contemporary issues and problems in ESL testing. Construction and evaluation of tests and assessments in all areas of language skills. Analysis of published standardized ESL tests, such as LAB and TOEFL.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 709 - Teaching Writing and Reading to the Adult ESL or Basic Education Student

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

709

**Course Title**

Teaching Writing and Reading to the Adult ESL or Basic Education Student

**Department(s)**

Linguistics & Communication Disorders

**Description**

Discussion of contemporary issues and problems in ESL testing. Construction and evaluation of tests and assessments in all areas of language skills. Analysis of published standardized ESL tests, such as LAB and TOEFL.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 710 - Physiological Acoustics

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

710

**Course Title**

Physiological Acoustics

**Department(s)**

Linguistics & Communication Disorders

**Description**

Discussion of contemporary issues and problems in ESL testing. Construction and evaluation of tests and assessments in all areas of language skills. Analysis of published standardized ESL tests, such as LAB and TOEFL.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 712 - Multiple Literacies in TESOL

**Overview**

**Academic Institution**

QNS01

**Subject area**  
LCD

**Catalog Number**  
712

**Course Title**  
Multiple Literacies in TESOL

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
This course provides a strong background in the teaching of the multiple literacies that English language learners need to thrive in today's technologically changing society. The class explores the teaching of traditional alphabetic literacy skills involved in the English Language Arts. It also prepares students for instruction in emerging forms of communication, including media literacy, information literacy, and information technology. Components include assessment, methods, and materials development.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 717 - The Acquisition of Language

### Overview

**Academic Institution**  
QNS01

**Subject area**  
LCD

**Catalog Number**  
717

**Course Title**  
The Acquisition of Language

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Development of language in the normal child; theoretical and empirical issues. The course involves the study of the processes and variations of speech, language, communication and preliteracy skills in typically developing mono- and bilingual children. Objectives include an exploration of the impact of cultural, ethnic, gender, socioeconomic, and individual variations on the child's acquisition of language; an understanding of the processes involved in language learning, language use, and the foundations of literacy from prelinguistic stages to complex language development.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 720 - Teaching English Sound Structure

### Overview

**Academic Institution**  
QNS01

**Subject area**  
LCD

**Catalog Number**  
720

**Course Title**  
Teaching English Sound Structure

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Introduction to the sound structure of English and applications to teaching ESL.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 721 - Language and Learning Disorders of Children I

### Overview

**Academic Institution**  
QNS01

**Subject area**  
LCD

**Catalog Number**  
721

**Course Title**  
Language and Learning Disorders of Children I

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Application of studies in normal language acquisition to the study of pre-school language and learning disorders; emphasis on the assessment of, and intervention with pre-school children with language and learning disorders. Units include interdisciplinary views of the child with speech, language, and communication challenges; issues in speech, language, communication, social-emotional and cognitive development related to specific language impairment, pervasive developmental delay, autism, mental retardation, and developmental apraxia; challenges in learning and in the classroom for children with developmental language disorders.

**Academic Career**  
Graduate



**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 722 - Speech Disorders: Stuttering

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

722

**Course Title**

Speech Disorders: Stuttering

**Department(s)**

Linguistics & Communication Disorders

**Description**

Theoretical and empirical approaches to the symptoms, etiology, and management of fluency disorders from childhood to adolescence to adulthood. Topics include working with children as members of families and school environments; special considerations for pre-school and school-aged children; and interactions with children, parents, and teachers.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 723 - Alternative and Augmentative Communication Systems and Use for the Persons with Severe Communication

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

723

**Course Title**

Alternative and Augmentative Communication Systems and Use for the Persons with Severe Communication

**Department(s)**

Linguistics & Communication Disorders

**Description**

Nature of alternative and augmentative communication (AAC) technologies, sign systems, and strategies used with children and adults across a range of impairments; individualized assessment and assignment of assistive technologies; teaching language and communication skills to persons using AAC in home, school, and, workplace settings; and the use of technology to communicate.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 724 - Neuromotor Communication Disorders

**Overview**

**Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

724

**Course Title**

Neuromotor Communication Disorders

**Department(s)**

Linguistics & Communication Disorders

**Description**

Emphasis on problems of children with various neuromuscular disorders. Topics include speech, oral motor, and respiratory/phonatory issues in normal and abnormal neuromotor development from 1 -12 months; development of feeding skills, oral motor assessment of infants and young children, multidisciplinary assessment and treatment

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## LCD 726 - Language Disorders: Adolescents and Adults I

**Overview**

**Academic Institution**

QNS01

**Subject area**  
LCD

**Catalog Number**  
726

**Course Title**  
Language Disorders: Adolescents and Adults I

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Symptoms, etiology, and management of adolescents and adults with language difficulties related to acquired aphasia.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 727 - Speech Disorders: Voice.

### Overview

**Academic Institution**  
QNS01

**Subject area**  
LCD

**Catalog Number**  
727

**Course Title**  
Speech Disorders: Voice.

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Vocal pathologies in children and adults: etiology, symptoms, and treatment approaches. Topics include laryngeal histopathology, neurological vocal disorders; laryngectomy; and the impact and management of a variety of pediatric vocal disorders including working with children as members of family and school environments.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 728 - Speech-Language Pathology Services in the Schools

### Overview

**Academic Institution**  
QNS01

**Subject area**  
LCD

**Catalog Number**  
728

**Course Title**  
Speech-Language Pathology Services in the Schools

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
A study of the research findings and professional practices basic to decision-making. Units include models of service delivery; individualized educational programming; rights and responsibilities of teachers and other staff; instructional design and planning including case selection; collaborative assessment and teaching; computerized teaching programs, national and state legislation and regulations; multicultural differences and bilingual considerations.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## LCD 729 - Clinical and Classroom Practicum in Speech-Language Pathology.

### Overview

**Academic Institution**  
QNS01

**Subject area**  
LCD

**Catalog Number**  
729

**Course Title**  
Clinical and Classroom Practicum in Speech-Language Pathology.

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
The course requires 12 - 14 hours per week of supervised clinical and classroom practicum. It includes staffings; instructional planning; case conferences; analysis of clinical and classroom management and instruction; the critical appraisal of behavioral teaching objectives; outcomes assessment; and professional practice issues. The course is taken during each semester of matriculation. It is repeatable for one, two, or three credits. The course is graded on a Pass/Fail basis only.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
0	0

**LCD 7291 - Pract Spe-Lang Path**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
LCD	7291

**Course Title**  
Pract Spe-Lang Path

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
The course requires 12 -14 hours per week of supervised clinical and classroom practicum. It includes staffings; instructional planning; case conferences; analysis of clinical and classroom management and instruction; the critical appraisal of behavioral teaching objectives; outcomes assessment; and professional practice issues. The course is taken during each semester of matriculation. It is repeatable for one, two, or three credits. The course is graded on a Pass/Fail basis only.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
1	1

**LCD 7292 - Pract Spe-Lang Path**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
LCD	7292

**Course Title**  
Pract Spe-Lang Path

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
The course requires 12 - 14 hours per week of supervised clinical and classroom practicum. It includes staffings; instructional planning; case conferences; analysis of clinical and classroom management and instruction; the critical appraisal of

**Behavioral Teaching** objectives; outcomes assessment; and professional practice issues. The course is taken during each semester of matriculation. It is repeatable for one, two, or three credits. The course is graded on a Pass/Fail basis only.

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
2	2

**LCD 7293 - Pract Spe-Lang Path**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
LCD	7293

**Course Title**  
Pract Spe-Lang Path

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
The course requires 12-14 hours per week of supervised clinical and classroom practicum. It includes staffings; instructional planning; case conferences; analysis of clinical and classroom management and instruction; the critical appraisal of behavioral teaching objectives; outcomes assessment; and professional practice issues. The course is taken during each semester of matriculation. It is repeatable for one, two, or three credits. The course is graded on a Pass/Fail basis only.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**LCD 730 - Speech Disorders: Articulation and Phonology.**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
LCD	730

**Course Title**  
Speech Disorders: Articulation and Phonology.

**Department(s)**  
Linguistics & Communication Disorders

**Description**

Review of current literature on phonological disorders with a view toward assessment and management in the clinic and the classroom. Topics include theories of phonological development; various forms of phonological and articulatory assessment; development of phonological awareness and impact on speech, spelling, and reading; impact of culture and heritage on phonological patterns; and remedial techniques.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LCD 731 - Language Disorders: Adolescents and Adults II

**Overview****Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

731

**Course Title**

Language Disorders: Adolescents and Adults II

**Department(s)**

Linguistics &amp; Communication Disorders

**Description**

This course examines the language of dementia, traumatic brain injury, and right hemisphere brain damage, along with motor speech disorders. Each disorder, especially as it relates to the adult and adolescent population, is discussed according to its symptoms, etiology, diagnosis, and treatment.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LCD 732 - Language and Learning Disorders of Children II

**Overview****Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

732

**Course Title**

Language and Learning Disorders of Children II

**Department(s)**

Linguistics &amp; Communication Disorders

**Description**

Application of research in normal oral and written language acquisition to the study of language and learning disorders in school-aged children and adolescents; emphasis on the assessment of, and intervention with school-age children with language and learning disorders in the clinic and the classroom. Units include the history of special education; perceptual disorders, linguistic diversity; narrative and discourse development; reading acquisition; medication, drug abuse, and language issues related to dyslexia, attention deficit disorder, oppositional behavior, and central auditory processing disorder.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LCD 733 - Dysphagia

**Overview****Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

733

**Course Title**

Dysphagia

**Department(s)**

Linguistics &amp; Communication Disorders

**Description**

The anatomy and physiology of normal and disordered glutton. Emphasis is on medical issues related to the etiology, symptomatology, diagnosis, and treatment of swallowing disorders. Topics include various technological methods of assessment including modified barium swallow and fiberoptic endoscopic evaluation of swallowing; interdisciplinary concerns; and impact of ethical and cognitive issues.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LCD 734 - Communication and Auditory Impairment

### Overview

#### Academic Institution

QNS01

#### Subject area

LCD

#### Catalog Number

734

#### Course Title

Communication and Auditory Impairment

#### Department(s)

Linguistics &amp; Communication Disorders

#### Description

Communication problems of the hearing impaired; clinical strategies for intervention; production and comprehension of speech and language as well as psychological considerations. Topics include language, cognitive, educational, and psychosocial issues; hearing aids; classroom acoustics and group amplification systems; assistive technology; cochlear implants and tactile aids.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LCD 740 - Second Language Acquisition and Teaching

### Overview

#### Academic Institution

QNS01

#### Subject area

LCD

#### Catalog Number

740

#### Course Title

Second Language Acquisition and Teaching

#### Department(s)

Linguistics &amp; Communication Disorders

#### Description

Introduction to the linguistic and pedagogical theories and methods of teaching ESL. There is a field experience requirement at various school settings in conformity with New York State certification requirements. Classes may sometimes be held at these off-campus locations.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LCD 7403 - Second Language Acquisition and Teaching

### Overview

#### Academic Institution

QNS01

#### Subject area

LCD

#### Catalog Number

7403

#### Course Title

Second Language Acquisition and Teaching

#### Department(s)

Linguistics &amp; Communication Disorders

#### Description

Introduction to the linguistic and pedagogical theories and methods of teaching ESL. There is a field experience requirement at various school settings in conformity with New York State certification requirements. Classes may sometimes be held at these off-campus locations.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LCD 7404 - Second Language Acquisition and Teaching

### Overview

#### Academic Institution

QNS01

#### Subject area

LCD

#### Catalog Number

7404

#### Course Title

Second Language Acquisition and Teaching

#### Department(s)

Linguistics &amp; Communication Disorders

#### Description

Introduction to the linguistic and pedagogical theories and methods of teaching ESL. There is a field experience requirement at various school settings in conformity with New York State certification requirements. Classes may sometimes be held at these off-campus locations.

#### Academic Career

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## LCD 741 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing.

**Overview****Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

741

**Course Title**

Methods and Materials in TESOL: Listening, Speaking, Reading, Writing.

**Department(s)**

Linguistics &amp; Communication Disorders

**Description**

This course is a comprehensive review of the methods and materials used in TESOL/ESL classes to teach the four language skills: listening, speaking, reading, and writing. The class covers how to adapt methods and materials to suit learner populations of different ages and at varying levels of English proficiency. The role of instructional technology (e.g., audiovisual, multimedia, computers in ESL instruction) will also be addressed. There is a field experience requirement at various school settings in conformity with New York State certification requirements. Classes may sometimes be held at these off-campus locations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LCD 7413 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing

**Overview****Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

7413

**Course Title**

Methods and Materials in TESOL: Listening, Speaking, Reading, Writing

**Department(s)**

Linguistics &amp; Communication Disorders

**Description**

This course is a comprehensive review of the methods and materials used in TESOL/ESL classes to teach the four language skills: listening, speaking, reading, and writing. The class covers how to adapt methods and materials to suit learner populations of different ages and at varying levels of English proficiency. The role of instructional technology (e.g., audiovisual, multimedia, computers in ESL instruction) will also be addressed. There is a field experience requirement at various school settings in conformity with New York State certification requirements. Classes may sometimes be held at these off-campus locations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## LCD 7414 - Methods and Materials in TESOL: Listening, Speaking, Reading, Writing

**Overview****Academic Institution**

QNS01

**Subject area**

LCD

**Catalog Number**

7414

**Course Title**

Methods and Materials in TESOL: Listening, Speaking, Reading, Writing

**Department(s)**

Linguistics &amp; Communication Disorders

**Description**

This course is a comprehensive review of the methods and materials used in TESOL/ESL classes to teach the four language skills: listening, speaking, reading, and writing. The class covers how to adapt methods and materials to suit learner populations of different ages and at varying levels of English proficiency. The role of instructional technology (e.g., audiovisual, multimedia, computers in ESL instruction) will also be addressed. There is a field experience requirement at various school settings in conformity with New York State certification requirements. Classes may sometimes be held at these off-campus locations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## LCD 742 - Methods and Materials of TESOL: The Content Areas

### Overview

#### Academic Institution

QNS01

#### Subject area

LCD

#### Catalog Number

742

#### Course Title

Methods and Materials of TESOL: The Content Areas

#### Department(s)

Linguistics &amp; Communication Disorders

#### Description

In this course students learn the principles and practices for TESOL/ESL through academic content areas such as mathematics, science, social studies, and language arts. Reading, model lessons, and authentic materials are used to examine the theoretical issues involved and to apply them to teaching practices for ESL learners at the elementary and secondary levels.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LCD 750 - Practicum in Adult TESOL

### Overview

#### Academic Institution

QNS01

#### Subject area

LCD

#### Catalog Number

750

#### Course Title

Practicum in Adult TESOL

#### Department(s)

Linguistics &amp; Communication Disorders

#### Description

Supervised teaching experience plus a weekly two-hour seminar focused on classroom-related issues in second language acquisition and instruction. This course does not fulfill the State Education requirements for certification in elementary or secondary schools.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LCD 759 - Studies in Communication Disorders.

### Overview

#### Academic Institution

QNS01

#### Subject area

LCD

#### Catalog Number

759

#### Course Title

Studies in Communication Disorders.

#### Department(s)

Linguistics &amp; Communication Disorders

#### Description

May be repeated for credit if topic changes.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## LCD 781 - Survey of Adult Literacy Practices and Theory

### Overview

#### Academic Institution

QNS01

#### Subject area

LCD

#### Catalog Number

781

#### Course Title

Survey of Adult Literacy Practices and Theory

#### Department(s)

Linguistics &amp; Communication Disorders

#### Description

May be repeated for credit if topic changes.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LCD 782 - Language, Literacy, and Society

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LCD	782

**Course Title**  
Language, Literacy, and Society

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
May be repeated for credit if topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LCD 784 - Practicum in Adult Literacy and Reading

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LCD	784

**Course Title**  
Practicum in Adult Literacy and Reading

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
May be repeated for credit if topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LCD 790 - Seminar in Research in TESOL

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LCD	790

**Course Title**  
Seminar in Research in TESOL

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Analysis of selected research studies related to TESOL.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LCD 791 - Seminar in Research in Applied Linguistics

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LCD	791

**Course Title**  
Seminar in Research in Applied Linguistics

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Analysis of selected research studies related to TESOL.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required



### Credits

Minimum Units	Maximum Units
3	3

## LCD 794 - Student Teaching Internship in TESOL I

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
LCD	794

Course Title  
Student Teaching Internship in TESOL I

Department(s)  
Linguistics & Communication Disorders

Description  
Supervised student teaching in ESL classes, plus a weekly seminar at the college. (For students who do not possess a New York State teaching certificate.)

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LCD 795 - Student Teaching Internship in TESOL II

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
LCD	795

Course Title  
Student Teaching Internship in TESOL II

Department(s)  
Linguistics & Communication Disorders

Description  
Supervised student teaching in ESL classes at either the elementary or secondary level, complementing the level of student teaching in LCD 794, plus a weekly seminar at the college. (For students who do not possess a New York State teaching certificate.)

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LCD 796 - Student Teaching Internship in TESOL for Certified Teachers

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
LCD	796

Course Title  
Student Teaching Internship in TESOL for Certified Teachers

Department(s)  
Linguistics & Communication Disorders

Description  
Supervised student teaching in ESL classes, plus a weekly seminar at the college. (For students who possess a New York State teaching certificate.)

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LCD 7971 - Special Problems

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
LCD	7971

Course Title  
Special Problems

Department(s)  
Linguistics & Communication Disorders

Description  
Special Problems

Academic Career  
Graduate

Liberal Arts  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## LCD 7972 - Special Problems

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LCD	7972

**Course Title**  
Special Problems

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Special Problems

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
2	2

## LCD 7973 - Special Problems in Linguistics and Communication Disorders

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LCD	7973

**Course Title**  
Special Problems in Linguistics and Communication Disorders

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Special Problems in Linguistics and Communication Disorders

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## LING 791 - Materials Develop

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
LING	791

**Course Title**  
Materials Develop

**Department(s)**  
Linguistics & Communication Disorders

**Description**  
Materials Develop

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## MATH 503 - Mathematics from an Algorithmic Standpoint

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
MATH	503

**Course Title**  
Mathematics from an Algorithmic Standpoint

**Department(s)**  
Mathematics

**Description**  
An algorithmic approach to a variety of problems in high school and college mathematics. Topics may include problems from number theory, geometry, calculus, combinatorics, probability, and games and puzzles. Students will learn to program in the powerful Mathematica language and use this capability to conduct research in the above areas. Prior experience in programming is not necessary. (Students may not receive credit for this course and MATH 213W.) This course may not be credited toward the degree of Master of Arts in Mathematics.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MATH 505 - Mathematical Problem Solving****Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

505

**Course Title**

Mathematical Problem Solving

**Department(s)**

Mathematics

**Description**

Not open to students who are taking or who have received credit for MATH205. This course presents techniques and develops skills for analyzing and solving problems mathematically and for proving mathematical theorems. Students will learn to organize, extend, and apply the mathematics they know and, as necessary, will be exposed to new ideas in areas such as geometry, number theory, algebra, combinatorics, and graph theory. This course may not be credited toward the Master of Arts degree in Mathematics. Prereq. or coreq.: One year of college mathematics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MATH 509 - Elementary Set Theory****Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

509

**Course Title**

Elementary Set Theory

**Department(s)**

Mathematics

**Description**

Basic axioms of set theory, algebra of sets, relations and functions, orders, countable and uncountable sets, and additional topics at the discretion of the instructor. The course will introduce some basic proof techniques, with no

background in proof-writing assumed. Not open to students who are taking or have received credit for MATH 209 or 609. This course may not be credited towards the Masters of Arts degree in Mathematics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MATH 518 - Euclidean Geometry****Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

518

**Course Title**

Euclidean Geometry

**Department(s)**

Mathematics

**Description**

Not open to students who are taking or who have received credit for MATH 218. A course in advanced Euclidean geometry for current and prospective mathematics teachers that will provide mathematical background for teaching geometry in secondary schools. The course will focus on definitions, theorems, existence proofs, and constructions. This course may not be credited toward the Master of Arts in Mathematics. Prereq.: One course in linear algebra.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MATH 524 - History of Mathematics****Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

524

**Course Title**

History of Mathematics

**Department(s)**

Mathematics

**Description**

This course may not be credited toward the Master of Arts degree in Mathematics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MATH 555 - Introduction to Game Theory

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

555

**Course Title**

Introduction to Game Theory

**Department(s)**

Mathematics

**Description**

Not open to students who are taking or who have received credit for MATH 255. May not be credited toward the Master of Arts degree in Mathematics. Elements of mathematics of game theory. Foundational material, combinatorial games, zero and non-zero sum games. Two-player matrix games, pure and mixed strategies, pay-offs, equilibrium pairs. This is a proof-based course with an emphasis on examples and applications, especially in economics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MATH 585 - Mathematical Foundations of the Secondary School

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

585

**Course Title**

Mathematical Foundations of the Secondary School

**Department(s)**

Mathematics

**Description**

Designed to give prospective secondary school mathematics teachers an understanding of the mathematics they will be teaching as well as the history of mathematics. An examination will be made of the thought underlying the secondary curriculum, from a consideration of the nature of mathematics and mathematical thought to the construction of simple mathematical models drawn from secondary school topics. Not open to students who are taking or who have received credit for MATH 385 or 385W.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## MATH 5901 - VT:Studies In Math

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

5901

**Course Title**

VT:Studies In Math

**Department(s)**

Mathematics

**Description**

Topics will be announced in advance. This course may be repeated for credit provided the topic is not the same. This course may not be credited toward the Master of Arts degree in Mathematics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## MATH 5902 - VT:Studies In Math

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MATH                                      5902

Course Title  
VT:Studies In Math

Department(s)  
Mathematics

Description  
Topics will be announced in advance. This course may be repeated for credit provided the topic is not the same. This course may not be credited toward the Master of Arts degree in Mathematics.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## MATH 5903 - VT:Studies In Math

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MATH                                      5903

Course Title  
VT:Studies In Math

Department(s)  
Mathematics

Description  
Topics will be announced in advance. This course may be repeated for credit provided the topic is not the same. This course may not be credited toward the Master of Arts degree in Mathematics.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## MATH 5904 - VT:Studies In Math

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MATH                                      5904

Course Title  
VT:Studies In Math

Department(s)  
Mathematics

Description  
Topics will be announced in advance. This course may be repeated for credit provided the topic is not the same. This course may not be credited toward the Master of Arts degree in Mathematics.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
4    4

## MATH 601 - Abstract Algebra I

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MATH                                      601

Course Title  
Abstract Algebra I

Department(s)  
Mathematics

Description  
Not open to students who are taking or who have received credit for MATH 301 or 702. Theory of groups, including cyclic and permutation groups, homomorphisms, normal subgroups and quotient groups. Theory of rings, including integral domains and polynomial rings. Additional topics may be discussed. Prereq: or coreq: A course in Linear Algebra.

Academic Career  
Graduate

Liberal Arts  
No

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
4    4

## MATH 602 - Abstract Algebra II

### Overview

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

602

**Course Title**

Abstract Algebra II

**Department(s)**

Mathematics

**Description**

This is a continuation of MATH 601. Not open to students who are taking or who have received credit for MATH 302 or 702. Advanced topics in group and ring theory. Fields and field extensions

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## MATH 605 - Number Theory

### Overview

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

605

**Course Title**

Number Theory

**Department(s)**

Mathematics

**Description**

Prime numbers, the unique factorization property of integers, linear and non-linear Diophantine equations, congruences, modular arithmetic, quadratic reciprocity, contemporary applications in computing and cryptography. Not open to students who are taking or have received credit for MATH305.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## MATH 609 - Axiomatic Set Theory

### Overview

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

609

**Course Title**

Axiomatic Set Theory

**Department(s)**

Mathematics

**Description**

Axiomatic development of set theory, using the standard axiom system ZFC. Relations and functions; the Axiom of Choice; settheoretic constructions of basic number systems; ordinal and cardinal numbers; the Continuum Hypothesis.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## MATH 613 - Algebraic Structures

### Overview

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

613

**Course Title**

Algebraic Structures

**Department(s)**

Mathematics

**Description**

Not open to students who have received undergraduate credit for MATH 333 at Queens College. Groups, rings, polynomials, fields, Galois theory.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MATH 614 - Functions of Real Variables****Overview**Academic Institution  
QNS01Subject area  
MATHCatalog Number  
614Course Title  
Functions of Real VariablesDepartment(s)  
Mathematics

**Description**  
Provides a foundation for further study in mathematical analysis. Topics include: basic topology in metric spaces, continuity, uniform convergence and equicontinuity, introduction to Lebesgue theory of integration.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MATH 615 - Algebraic Number Theory****Overview**Academic Institution  
QNS01Subject area  
MATHCatalog Number  
615Course Title  
Algebraic Number TheoryDepartment(s)  
Mathematics

**Description**  
Modern theory of algebraic integers (generalization of integers), the problem of prime factorization, p-adic numbers, the Riemann zeta function, L-functions, theorem on primes in arithmetic progression.

Academic Career  
GraduateLiberal Arts  
NoPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MATH 616 - Complex Analysis****Overview**Academic Institution  
QNS01Subject area  
MATHCatalog Number  
616Course Title  
Complex AnalysisDepartment(s)  
Mathematics

**Description**  
Not open to students who are taking or have received credit for MATH 316. Topics covered include analytic functions, Cauchy's Integral Theorem, Taylor's theorem and Laurent series, the calculus of residues, singularities, meromorphic functions

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MATH 616 - Ordinary Differential Equations****Overview**Academic Institution  
QNS01Subject area  
MATHCatalog Number  
616Course Title  
Ordinary Differential EquationsDepartment(s)  
Mathematics

**Description**  
Existence and uniqueness of solutions, linear systems, Liapunov stability theory, eigenvalue and boundary value problems.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MATH 617 - Number Systems****Overview**Academic Institution  
QNS01Subject area  
MATHCatalog Number  
617Course Title  
Number SystemsDepartment(s)  
Mathematics**Description**

Not open to students who have received undergraduate credit for MATH 317 at Queens College. Axiomatic development of the integers, rational numbers, real numbers, and complex numbers.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MATH 618 - Foundations of Geometry.****Overview**Academic Institution  
QNS01Subject area  
MATHCatalog Number  
618Course Title  
Foundations of Geometry.Department(s)  
Mathematics**Description**

Not open to students who are taking or have received credit for MATH 318. The course is an exploration of Euclid's fifth postulate, often referred to as the parallel postulate. Development of the basics of Euclidean geometry with a focus on understanding the role of the fifth postulate. Development and exploration of hyperbolic geometry, a non-Euclidean geometry.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MATH 620 - Point-Set Topology****Overview**Academic Institution  
QNS01Subject area  
MATHCatalog Number  
620Course Title  
Point-Set TopologyDepartment(s)  
Mathematics**Description**

Not open to students who are taking or who have received credit for MATH 320. The basic concepts and fundamental results of point-set topology. The course includes a review of sets and functions, as well as the study of topological spaces including metric spaces, continuous functions, connectedness, compactness, and elementary constructions of topological spaces. Coreq: A course in multivariable calculus.

Academic Career  
GraduateLiberal Arts  
NoPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MATH 621 - Probability****Overview**Academic Institution  
QNS01Subject area  
MATHCatalog Number  
621Course Title  
ProbabilityDepartment(s)  
Mathematics**Description**

Binomial, Poisson, normal, and other distributions. Random variables. Laws of large numbers. Generating functions. Markov chains. Central limit theorem. Not open to students who are taking or who have received credit for MATH 368. Students cannot receive credit for both MATH 368 and MATH 621.



**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**MATH 623 - Operations Research (Probability Methods).**

**Overview**

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

623

**Course Title**

Operations Research (Probability Methods).

**Department(s)**

Mathematics

**Description**

An introduction to probabilistic methods of operations research. Topics include the general problem of decision making under uncertainty, project scheduling, probabilistic dynamic programming, inventory models, queuing theory, simulation models, and Monte Carlo methods. The stress is on applications.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**MATH 624 - Numerical Analysis I**

**Overview**

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

624

**Course Title**

Numerical Analysis I

**Department(s)**

Mathematics

**Description**

Numerical solution of nonlinear equations by iteration. Interpolation and polynomial approximation. Numerical differentiation and integration.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**MATH 625 - Numerical Analysis II**

**Overview**

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

625

**Course Title**

Numerical Analysis II

**Department(s)**

Mathematics

**Description**

Numerical solution of systems of linear equations. Iterative techniques in linear algebra. Numerical solution of systems of nonlinear equations. Orthogonal polynomials. Least square approximation. Gaussian quadrature. Numerical solution of differential equations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**MATH 626 - Mathematics and Logic**

**Overview**

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

626

**Course Title**

Mathematics and Logic

**Department(s)**

Mathematics

**Description**

Propositional calculus, quantification theory, recursive functions, Gödel's incompleteness theorem.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## MATH 630 - Differential Topology

**Overview**

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

630

**Course Title**

Differential Topology

**Department(s)**

Mathematics

**Description**

Differentiable manifolds and properties invariant under differentiable homeomorphisms; differential structures; maps; immersions, imbeddings, diffeomorphisms; implicit function theorem; partitions of unity; manifolds with boundary; smoothing of manifolds

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## MATH 631 - Differential Geometry

**Overview**

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

631

**Course Title**

Differential Geometry

**Department(s)**

Mathematics

**Description**

Theory of curves and surfaces and an introduction to Riemannian geometry.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## MATH 633 - Statistical Inference

**Overview**

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

633

**Course Title**

Statistical Inference

**Department(s)**

Mathematics

**Description**

Basic concepts and procedures of statistical inference. Not open to students who are taking or who have received credit for MATH 369. Students cannot receive credit for both MATH 369 and MATH 633.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## MATH 634 - Graph Theory

**Overview**

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

634

**Course Title**

Graph Theory

**Department(s)**

Mathematics

**Description**

An introduction to the theory of directed and undirected graphs. Families of graphs, graph statistics, graph isomorphism, coloring, cycles, connectivity, planarity, graph algorithms. Not open to students who are taking or have received credit for MATH 334. Prereq.: One course in Linear Algebra.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MATH 635 - Stochastic Processes

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

635

**Course Title**

Stochastic Processes

**Department(s)**

Mathematics

**Description**

A study of families of random variables.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MATH 636 - Combinatorics

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

636

**Course Title**

Combinatorics

**Department(s)**

Mathematics

**Description**

Techniques in enumeration. Permutations, combinations, distributions, equivalence classes, principle of inclusion/exclusion, bijective proof, combinatorial proof, generating functions, partitions, Catalan numbers. Not open to students who are taking or have received credit for MATH 336. Prereq.: One course in Linear Algebra.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MATH 640 - Probability Theory for Data Science

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

640

**Course Title**

Probability Theory for Data Science

**Department(s)**

Mathematics

**Description**

Not open to students who are taking or who have received credit for MATH 340. Topics include introducing common random variable models, the central limit theorem, law of large numbers, random variable convergence. Topics may also include order statistics, probability inequalities, Slutsky's Theorem, Markov chains and stochastic gradient descent. Probability computation using modern software

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## MATH 641 - Statistical Theory for Data Science

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

641

**Course Title**

Statistical Theory for Data Science

**Department(s)**

Mathematics

**Description**

Not open to students who are taking or who have received credit for MATH 341. Point estimation, confidence sets and hypothesis testing from both the Frequentist and Bayesian perspectives. Topics may also include power calculations, multiple comparisons, model selection and randomized experimentation.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## MATH 642 - Data Science Fundamentals and Machine Learning

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

642

**Course Title**

Data Science Fundamentals and Machine Learning

**Department(s)**

Mathematics

**Description**

Not open to students who are taking or who have received credit for MATH 342W. Recommended corequisites include ECON 382, 387, MATH 341, MATH 343 or their equivalents. Philosophy of modeling with data. Prediction via linear models and machine learning including support vector machines and random forests. Probability estimation and asymmetric costs. Underfitting vs. overfitting and model validation. Formal instruction of data manipulation, visualization and statistical computing in a modern language. Prereq: A course in linear algebra, a course in probability, and a course in programming (CSCI 111 or the equivalent).

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## MATH 643 - Computational Statistics for Data Science

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

643

**Course Title**

Computational Statistics for Data Science

**Department(s)**

Mathematics

**Description**

Not open to students who are taking or who have received credit for MATH 343. Topics may include the Score and generalized likelihood ratio tests, chi-squared tests, Kolmogorov-Smirnov test, basic linear model theory, ridge and lasso, Metropolis-within-Gibbs sampling, permutation tests, the bootstrap and survival modeling. Special topics.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MATH 6901 - VT:Studies In Math

**Overview****Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

6901

**Course Title**

VT:Studies In Math

**Department(s)**

Mathematics

**Description**

Topics will be announced in advance. May be repeated once for credit if topic is not the same. Students on probation or with GPAs below 3.0 cannot take this class.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## MATH 6902 - VT:Studies In Math

### Overview

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

6902

**Course Title**

VT:Studies In Math

**Department(s)**

Mathematics

**Description**

Topics will be announced in advance. May be repeated once for credit if topic is not the same. Students on probation or with GPAs below 3.0 cannot take this class.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

2

**Maximum Units**

2

## MATH 6903 - VT:Studies In Math

### Overview

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

6903

**Course Title**

VT:Studies In Math

**Department(s)**

Mathematics

**Description**

Topics will be announced in advance. May be repeated once for credit if topic is not the same. Students on probation or with GPAs below 3.0 cannot take this class.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## MATH 6904 - Vt:Studies In Math

### Overview

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

6904

**Course Title**

Vt:Studies In Math

**Department(s)**

Mathematics

**Description**

Topics will be announced in advance. May be repeated once for credit if topic is not the same. Students on probation or with GPAs below 3.0 cannot take this class.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

4

**Maximum Units**

4

## MATH 69045 - Variable Topics: Studies In Math

### Overview

**Academic Institution**

QNS01

**Subject area**

MATH

**Catalog Number**

69045

**Course Title**

Variable Topics: Studies In Math

**Department(s)**

Mathematics

**Description**

Topics will be announced in advance. May be repeated once for credit if topic is not the same. Students on probation or with GPAs below 3.0 cannot take this class.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

4.5

**Maximum Units**

4.5

## MATH 701 - Theory of the Integral

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	701

Course Title  
Theory of the Integral

Department(s)  
Mathematics

Description  
The Lebesgue integral in one dimension and in n dimensions, the abstract case.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
4.5	4.5

## MATH 702 - Modern Abstract Algebra I

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	702

Course Title  
Modern Abstract Algebra I

Department(s)  
Mathematics

Description  
A course in the fundamental concepts, techniques, and results of modern abstract algebra. Concepts and topics studied are semi-groups, groups, rings, fields, modules, vector spaces, algebras, linear algebras, matrices, field extensions, and ideals.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
4.5	4.5

## MATH 720 - Algebraic Topology

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	720

Course Title  
Algebraic Topology

Department(s)  
Mathematics

Description  
Topics chosen from covering spaces, fundamental group, higher homotopy groups, homology/cohomology, homotopy theory, as well as techniques and theory involving simplicial sets.

Academic Career  
Graduate

Liberal Arts  
No

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
4.5	4.5

## MATH 7901 - VT: Independent Research

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7901

Course Title  
VT: Independent Research

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

**MATH 7902 - VT: Independent Research****Overview**

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7902

Course Title  
VT: Independent Research

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
2	2

**MATH 7904 - VT:Indep Research****Overview**

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7904

Course Title  
VT:Indep Research

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4	4

**MATH 7903 - VT: Independent Research****Overview**

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7903

Course Title  
VT: Independent Research

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**MATH 79045 - VT:Indep Research****Overview**

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	79045

Course Title  
VT:Indep Research

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4.5	4.5

## MATH 7905 - VT: Indep Research

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MATH                                      7905

Course Title  
VT: Indep Research

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
5    5

## MATH 7911 - VT:Tutorial

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MATH                                      7911

Course Title  
VT:Tutorial

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
1    1

## MATH 7912 - Variable Topics: Tutorial

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MATH                                      7912

Course Title  
Variable Topics: Tutorial

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## MATH 7913 - VT:Tutorial

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MATH                                      7913

Course Title  
VT:Tutorial

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3



## MATH 7914 - VT:Tutorial

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7914

Course Title  
VT:Tutorial

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
4	4

## MATH 79145 - VT:Tutorial

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	79145

Course Title  
VT:Tutorial

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
4.5	4.5

## MATH 7915 - VT:Tutorial

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7915

Course Title  
VT:Tutorial

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
5	5

## MATH 7921 - VT: Seminar

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7921

Course Title  
VT: Seminar

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

**MATH 7922 - VT:Seminar****Overview**

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7922

Course Title  
VT:Seminar

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
2	2

**MATH 7923 - VT:Seminar****Overview**

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7923

Course Title  
VT:Seminar

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**MATH 7924 - VT: Seminar****Overview**

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	7924

Course Title  
VT: Seminar

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4	4

**MATH 79245 - VT:Seminar****Overview**

Academic Institution  
QNS01

Subject area	Catalog Number
MATH	79245

Course Title  
VT:Seminar

Department(s)  
Mathematics

Description  
May be repeated for credit if the topic is changed.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4.5	4.5

## MATH 7925 - VT:Seminar

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
MATH                                      7925

**Course Title**  
VT:Seminar

**Department(s)**  
Mathematics

**Description**  
May be repeated for credit if the topic is changed.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
5    5

## MEDST 701 - Media Archaeology

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
MEDST                                      701

**Course Title**  
Media Archaeology

**Department(s)**  
Media Studies

**Description**  
This introduction to media historiography surveys material approaches to media history, locating media artifacts within broader cultural contexts, and mapping established and emergent audiovisual archives. Designed with an international focus, this course engages a range of historical strategies, from traditional chronologies to new theoretical and experimental methodologies, including ecological perspectives and alternative histories of obsolete technologies, abandoned sites, and neglected practices.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## MEDST 702 - Capitalism and Media

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
MEDST                                      702

**Course Title**  
Capitalism and Media

**Department(s)**  
Media Studies

**Description**  
Seminar offers an intensive introduction to global capitalism and its relation to established and contemporary media systems. This is primarily a theory course that will teach graduate students to understand, analyze and research the diverse forms of governance, cultural power, knowledge, public policy, and resistance associated with media as they shape, and are shaped by race, class, and gender politics.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## MEDST 703 - Media and Social Justice

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
MEDST                                      703

**Course Title**  
Media and Social Justice

**Department(s)**  
Media Studies

**Description**  
Seminar examines political, economic, and sociological approaches to media as agents of historical change and social transformation within struggles over race, class, and gender. Topics include the digitization of society and how information technology and networks work within digital capitalism, and the significance of contemporary media within abiding struggles over injustice, exploitation, and social change.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MEDST 704 - Gender, Sexuality, and Media****Overview**Academic Institution  
QNS01Subject area  
MEDSTCatalog Number  
704Course Title  
Gender, Sexuality, and MediaDepartment(s)  
Media Studies

**Description**  
An intensive introduction to the relationships between gender, sexuality, and media. Recognizing the power of media representations, technologies, and industries to shape and enforce dominant ideas about gender and sexuality, students learn about various forms of media activism addressing gendered injustice, exploitation, and inequality.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MEDST 705 - Race, Migration, and Media****Overview**Academic Institution  
QNS01Subject area  
MEDSTCatalog Number  
705Course Title  
Race, Migration, and MediaDepartment(s)  
Media Studies

**Description**  
Seminar offers an intensive introduction to the relationships between race, migration, and media. Recognizing the power of media representations, technologies, and industries to shape and reinforce dominant ideas about race, ethnicity, and otherness. Students learn about various forms of media activism addressing racial injustice, exploitation, and inequality.??

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MEDST 707 - Methodology in Media Research****Overview**Academic Institution  
QNS01Subject area  
MEDSTCatalog Number  
707Course Title  
Methodology in Media ResearchDepartment(s)  
Media Studies

**Description**  
An introduction to basic scientific research methods used within the field of communications and the philosophical arguments behind the various approaches. Students learn to read and access statistical information as presented in communications research studies.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MEDST 740 - Media Management****Overview**Academic Institution  
QNS01Subject area  
MEDSTCatalog Number  
740Course Title  
Media ManagementDepartment(s)  
Media Studies

**Description**  
Survey of media management for broadcast and cable television, film, and print media. Topics include economic structure of the industries, organization and staffing, financial management, marketing and PR, programming and production, industry practices and techniques, technology and regulation. Emphasis will be on practical understanding of how these industries manage the communication process.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MEDST 745 - Advertising & Marketing

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

745

**Course Title**

Advertising & Marketing

**Department(s)**

Media Studies

**Description**

An examination of the complex dynamic among business, technology and consumers. Learn the objectives, strategies and tactics that are used to brand and sell across a variety of products and services from consumer packaged goods (CPG) to personal branding. Topics include consumer behavior, industry analysis, media planning and buying, and the development of creative communication. Case studies will be used to put theory into practice.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MEDST 752 - Media Theory

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

752

**Course Title**

Media Theory

**Department(s)**

Media Studies

**Description**

Analysis of theoretical models; examination of relationships among interpersonal, organizational, mass, and societal communication systems

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MEDST 754 - Survey of Media Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

754

**Course Title**

Survey of Media Research

**Department(s)**

Media Studies

**Description**

An examination and evaluation of media research. Emphasis on behavioral and experimental research.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MEDST 757 - VT: Political Economy of Media

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

757

**Course Title**

VT: Political Economy of Media

**Department(s)**

Media Studies

**Description**

The study of the interaction of media upon politics with special attention to topics such as rhetorical strategies used in presidential campaigns and elections, social movements, and Marxist theories of media. May be repeated for credit if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MEDST 759 - Studies in Communication

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

759

**Course Title**

Studies in Communication

**Department(s)**

Media Studies

**Description**

May be repeated for credit if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MEDST 764 - International Media Systems

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

764

**Course Title**

International Media Systems

**Department(s)**

Media Studies

**Description**

International, transnational, cross-cultural, and comparative analyses of media systems

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MEDST 769 - VT: Digital Lab

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

769

**Course Title**

VT: Digital Lab

**Department(s)**

Media Studies

**Description**

Hands-on seminar in digital production and technology, related specifically to context of movements, politics, and social advocacy. Topics vary depending on current uses of technology, and may include web design, podcasting, physical computing, app development, video, and 3D Printing. May be repeated for credit providing there is a change in a topic.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MEDST 790 - Thesis

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

790

**Course Title**

Thesis

**Department(s)**

Media Studies

**Description**

See department for description.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Description**

Media Studies graduate students may receive up to three credits of life-experience credit under the conditions specified by the department; consult the coordinator of the Media Studies Program for details.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**Credits**

**Minimum Units**

1

**Maximum Units**

1

**MEDST 791 - Thesis Research**

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

791

**Course Title**

Thesis Research

**Department(s)**

Media Studies

**Description**

Guided independent research for students preparing the Masters Thesis

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**MEDST 7972 - Special Problems**

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

7972

**Course Title**

Special Problems

**Department(s)**

Media Studies

**Description**

Media Studies graduate students may receive up to three credits of life-experience credit under the conditions specified by the department; consult the coordinator of the Media Studies Program for details.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

**MEDST 7971 - Special Problems**

**Overview**

**Academic Institution**

QNS01

**Subject area**

MEDST

**Catalog Number**

7971

**Course Title**

Special Problems

**Department(s)**

Media Studies

**MUS 728 - Mus Sys & Spec Theo**

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUS

**Catalog Number**

728

**Course Title**

Mus Sys & Spec Theo

**Department(s)**

Aaron Copland School of Music

**Description**

Mus Sys &amp; Spec Theo

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 606 - Queens College Choral Society

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

606

**Course Title**

Queens College Choral Society

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the Instructor. A mixed college-community chorus devoted to the study and performance of large choral masterpieces such as Messiah, Creation, and Elijah. Meets together with MUSIC 156 (Queens College Choral Society). May be repeated for credit to a maximum of 4 times. Fall, Spring.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## MUSIC 617 - Introduction to the Alexander Technique

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

617

**Course Title**

Introduction to the Alexander Technique

**Department(s)**

Aaron Copland School of Music

**Description**

The principles and concepts of the Alexander Technique and their relation to playing an instrument and to singing. Students will learn how to reduce and prevent neck, back, and shoulder pain, tendonitis, and repetitive strain injuries that are all common injuries for musicians. Students will also become aware of physical habits of misuse and anxiety that impede performance and will be shown how to transform those habits into improved breathing, moving with greater ease, and allowing for fuller emotional availability and expression.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## MUSIC 641 - Teaching of Instrumental Music

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

641

**Course Title**

Teaching of Instrumental Music

**Department(s)**

Aaron Copland School of Music

**Description**

An advanced course in current instrumental music pedagogy working from the philosophical to the practical, and touching base with rehearsal techniques, materials and literature, the National and State Standards, assessment, multicultural musics, technology in the music classroom, and working with the special learner.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 642 - Teaching of Choral Music

**Overview****Academic Institution**

QNS01



**Subject area**  
MUSIC

**Catalog Number**  
642

**Course Title**  
Teaching of Choral Music

**Department(s)**  
Aaron Copland School of Music

**Description**  
An advanced course in current choral music pedagogy working from the philosophical to the practical, and touching base with rehearsal techniques, materials and literature, the National and State Standards, assessment, multicultural musics, technology in the music classroom, and working with the special learner.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## MUSIC 643 - Seminar in the Teaching of Music

### Overview

**Academic Institution**  
QNS01

**Subject area**  
MUSIC

**Catalog Number**  
643

**Course Title**  
Seminar in the Teaching of Music

**Department(s)**  
Aaron Copland School of Music

**Description**  
3 hr. of participating and observation one morning or afternoon per week for a total of 45 clock hours and 4 class hr.; 4 cr. The class hours will be divided between elementary and secondary. Content will focus on curriculum and instruction, multicultural musics, technology, students with disabilities, and assessment.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
4	4

## MUSIC 644 - Student Teaching in Music

### Overview

**Academic Institution**  
QNS01

**Subject area**  
MUSIC

**Catalog Number**  
644

**Course Title**  
Student Teaching in Music

**Department(s)**  
Aaron Copland School of Music

**Description**  
MUSIC 646 with at least a B, MUSIC 669, MUSIC 666 (for vocal majors), and at least three of the following (for instrumental majors): MUSIC 661, 662, 663, 667, 668. Students will be assigned the equivalent of 20 six-hour days (120 hours) at the elementary (Pre-K--6) level, and 20 six-hour days (120 hours) at the secondary (7--12) level. Students will, to the extent possible, be assigned to both urban and non-urban settings. Students are expected to prepare daily lesson plans, and will develop and maintain student teaching portfolios.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
6	6

## MUSIC 645 - Seminar in Teaching Music: Elementary

### Overview

**Academic Institution**  
QNS01

**Subject area**  
MUSIC

**Catalog Number**  
645

**Course Title**  
Seminar in Teaching Music: Elementary

**Department(s)**  
Aaron Copland School of Music

**Description**  
Students will focus on curriculum, instruction and assessment for teaching elementary classroom music. Students will learn about children's musical thinking from a developmental point of view. Students will learn and practice teaching strategies and technologies for supporting student learning as defined by city, state and national standards for music education. Strategies for adapting instruction to students with specific types of exceptionalities will be explored. There is an intensive field component to this class that allows students the opportunity to teach and then reflect on their experiences with children. Biweekly observations are also required. Students must pass this course with a B or higher to continue on to MUSIC 646.

**Academic Career**  
Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MUSIC 646 - Seminar in Teaching Music: Secondary

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

646

**Course Title**

Seminar in Teaching Music: Secondary

**Department(s)**

Aaron Copland School of Music

**Description**

Students will focus on curriculum, instruction and assessment for teaching secondary general music including music in middle schools. Students will learn about children's musical thinking from a developmental point of view. Students will learn and practice teaching strategies for supporting student learning as defined by city, state and national standards for music education. Students will learn and practice strategies for teaching music from a multicultural perspective. There is an intensive field component to this class that allows students the opportunity to teach and then reflect on their experiences with children. Weekly observations are also required. Students must pass this course with a B or higher to be allowed to student teach.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MUSIC 659 - General Music in the Elementary Schools

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

659

**Course Title**

General Music in the Elementary Schools

**Department(s)**

Aaron Copland School of Music

**Description**

An advanced course in current elementary classroom pedagogy working from the philosophical to the practical, and touching base with the National and State Standards, assessment, multicultural musics, technology in the music classroom, and working with the special learner.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MUSIC 660 - General Music in the Secondary Schools

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

660

**Course Title**

General Music in the Secondary Schools

**Department(s)**

Aaron Copland School of Music

**Description**

Student Teaching in Music. An advanced course in current elementary classroom music pedagogy working from the philosophical to the practical, and touching basewith the National and State Standards, assessment, multicultural musics, technology in the music classroom, and working with the special learner.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MUSIC 661 - Group Instruction in Upper Strings

**Overview**

**Academic Institution**

QNS01

**Subject area**  
MUSIC

**Catalog Number**  
661

**Course Title**  
Group Instruction in Upper Strings

**Department(s)**  
Aaron Copland School of Music

**Description**  
Meets with MUSIC 161 with additional coursework for graduate students. For instrumental majors and Initial Certificate Track students only. Development of skill in performing and pedagogical techniques for (but not limited to) violin.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 662 - Group Instruction in Lower Strings

### Overview

**Academic Institution**  
QNS01

**Subject area**  
MUSIC

**Catalog Number**  
662

**Course Title**  
Group Instruction in Lower Strings

**Department(s)**  
Aaron Copland School of Music

**Description**  
Permission of the department. Meets with MUSIC 162 with additional coursework for graduate students. For instrumental majors and Initial Certificate Track students only. Development of skill in performing and pedagogical techniques for (but not limited to) cello.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 663 - Group Instruction in Woodwinds

### Overview

**Academic Institution**  
QNS01

**Subject area**  
MUSIC

**Catalog Number**  
663

**Course Title**  
Group Instruction in Woodwinds

**Department(s)**  
Aaron Copland School of Music

**Description**  
Permission of the department. Meets with MUSIC 163 with additional coursework for graduate students. For instrumental majors and Initial Certificate Track students only. Development of skill in performing and pedagogical techniques for (but not limited to) flute, oboe, and clarinet.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 666 - Vocal Pedagogy

### Overview

**Academic Institution**  
QNS01

**Subject area**  
MUSIC

**Catalog Number**  
666

**Course Title**  
Vocal Pedagogy

**Department(s)**  
Aaron Copland School of Music

**Description**  
Permission of the department. Meets with MUSIC 266 with additional coursework for graduate students. For Vocal/General majors and Initial Certificate Track students only. The physiology of the vocal mechanism and techniques for teaching voice production. The development of individual skill in singing is stressed. Spring

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
2	2

**MUSIC 667 - Group Instruction in Brass****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
MUSIC	667

**Course Title**  
Group Instruction in Brass

**Department(s)**  
Aaron Copland School of Music

**Description**  
Permission of the department. Meets with MUSIC 167 with additional coursework for graduate students. For instrumental majors and Initial Certificate Track students only. Development of skill in performing and pedagogical techniques for (but not limited to) trumpet and trombone.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
1	1

**MUSIC 668 - Group Instruction in Percussion****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
MUSIC	668

**Course Title**  
Group Instruction in Percussion

**Department(s)**  
Aaron Copland School of Music

**Description**  
Permission of the department. Meets with MUSIC 168 with additional coursework for graduate students. For instrumental majors and Initial Certificate Track students only. Development of skill in performing and pedagogical techniques.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
1	1

**MUSIC 669 - Conducting II****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
MUSIC	669

**Course Title**  
Conducting II

**Department(s)**  
Aaron Copland School of Music

**Description**  
Permission of the department. Meets with MUSIC 370 with additional coursework for graduate students. For Initial Certificate Track students only. Includes consideration of repertoire, problems of interpretation, organization of choral and instrumental groups.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
2	2

**MUSIC 670 - Advanced Conducting****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
MUSIC	670

**Course Title**  
Advanced Conducting

**Department(s)**  
Aaron Copland School of Music

**Description**  
Focus is on advanced conducting problems, techniques, and literature (both choral and instrumental).

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 678 - Introduction to Research in Music Education****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
678**Course Title**

Introduction to Research in Music Education

**Department(s)**

Aaron Copland School of Music

**Description**

An introduction to basic research designs used in educational settings with an emphasis on interpreting research results for improving classroom instruction.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 688 - Seminar in Research in Music Education****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
688**Course Title**

Seminar in Research in Music Education

**Department(s)**

Aaron Copland School of Music

**Description**

A brief review of research methods and designs. An overview of statistics used in educational research. Students will complete a research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 689 - Topics In Music Education****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
689**Course Title**

Topics In Music Education

**Department(s)**

Aaron Copland School of Music

**Description**

The topic of the course changes each time it is offered. For announcement of the current topic, contact the School of Music or see supplementary listing for registration. May be repeated for credit if the topic is different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 690 - Foundations of Music Education****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
690**Course Title**

Foundations of Music Education

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the graduate advisor. (This course may be used in lieu of the SEYS or EECE 700-level Elective course requirement in Historical, Philosophical, or Social Foundations.) Focus is on the historical, philosophical, social, and psychological foundations of music education and the practical applications of these foundations in teaching.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 691 - Psychology of Music****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

691

**Course Title**

Psychology of Music

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the graduate advisor. Focus is on the psychological, social-psychological, and sociological foundations of music education and the practical applications of these areas to teaching and performing music. The course may be elected by MS or MA students in music.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 692 - Thesis In Mus Educ****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

692

**Course Title**

Thesis In Mus Educ

**Department(s)**

Aaron Copland School of Music

**Description**

The student will develop, design, carry out and report on an original research study aimed at solving a relevant problem in music education. Studies may be historical, philosophical, descriptive, correlation or experimental in nature, and may be qualitative or quantitative in analysis.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 693 - Inquiry In Mus Educ****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

693

**Course Title**

Inquiry In Mus Educ

**Department(s)**

Aaron Copland School of Music

**Description**

This course is an alternative option to MUSIC 692 (thesis). It is designed as a summative major project to complete the degree. One recommended project is that of a summative teacher portfolio. Other major projects will be considered by approval of the graduate advisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 700 - Bibliography and Research Techniques****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

700

**Course Title**

Bibliography and Research Techniques

**Department(s)**

Aaron Copland School of Music

**Description**

Bibliography and Research Techniques

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 701 - Writing about Music

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

701

**Course Title**

Writing about Music

**Department(s)**

Aaron Copland School of Music

**Description**

The course is designed for M.A. students in classical performance. It should be taken during the first or second semester of residence. Students will acquire the skills needed to research and write about topics in music. The use of library resources, both paper and online, will be emphasized.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

## MUSIC 702 - Critical and Theoretical Approaches to Music Scholarship

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

702

**Course Title**

Critical and Theoretical Approaches to Music Scholarship

**Department(s)**

Aaron Copland School of Music

**Description**

The course is intended for MA students in their second semester of residence. Students will gain familiarity with critical and interdisciplinary musicological literature, focusing on scholarship since 1980. Assessment will be based on research, readings, and written assignments.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 703 - Music Career Development

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

703

**Course Title**

Music Career Development

**Department(s)**

Aaron Copland School of Music

**Description**

An introduction to the music industry in all its many facets. Students learn to prepare themselves for multiple career possibilities. They develop entrepreneurial skills and learn how to navigate a career.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 705 - Medieval Notation

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

705

**Course Title**

Medieval Notation

**Department(s)**

Aaron Copland School of Music

**Description**

Medieval Notation

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**Description**

For instrumentalists and singers. Advanced level of performance on the student's instrument or voice and permission of School. For conductors: Advanced level of performance as a conductor and permission of School. Private study in an instrument, or voice or conducting. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MUSIC 706 - Renaissance Notation

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

706

**Course Title**

Renaissance Notation

**Department(s)**

Aaron Copland School of Music

**Description**

Renaissance Notation

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MUSIC 708 - Individual Musical Performance II

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

708

**Course Title**

Individual Musical Performance II

**Department(s)**

Aaron Copland School of Music

**Description**

Continuation of private study in an instrument, or voice, or conducting. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MUSIC 707 - Individual Musical Performance I

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

707

**Course Title**

Individual Musical Performance I

**Department(s)**

Aaron Copland School of Music

## MUSIC 709 - Individual Musical Performance III

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

709

**Course Title**

Individual Musical Performance III



**Department(s)**

Aaron Copland School of Music

**Description**

Continuation of private study in an instrument, or voice, or conducting. With the permission of the chair of the School of Music, MUSIC 709 may be repeated for credit. This course has a Private Music Lessons Fee. For more info visit:

<http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 710 - Ethnomusicology Seminar****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

710

**Course Title**

Ethnomusicology Seminar

**Department(s)**

Aaron Copland School of Music

**Description**

Ethnomusicological research of a special culture area or particular group.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 712 - Ethnomusicology****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

712

**Course Title**

Ethnomusicology

**Department(s)**

Aaron Copland School of Music

**Description**

An introduction to the current theories and methodology of ethnomusicology. The study will include approaches to library research, fieldwork, notation, analysis, instrument classification, and contextual description of music as an integral part of culture. Recorded sound examples from the principal cultures of the world outside the area of Western classical music will be studied.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 713 - Topical Course in Ethnomusicology****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

713

**Course Title**

Topical Course in Ethnomusicology

**Department(s)**

Aaron Copland School of Music

**Description**

Survey of a particular aspect of ethnomusicology or of the music of a particular area or group. Offerings have included Asian Music, Music of Japan, and Japanese Chamber Music. May be repeated for credit if the topic changes

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 714 - Recording Studio Fundamentals****Overview****Academic Institution**

QNS01

**Subject area**  
MUSIC

**Catalog Number**  
714

**Course Title**  
Recording Studio Fundamentals

**Department(s)**  
Aaron Copland School of Music

**Description**  
An introductory survey of modern music production and recording techniques. Students will learn basic techniques for creating digital audio content, including simple MIDI and virtual instrument techniques, stereo recording techniques, digital audio editing, and session file techniques. Students will complete a series of individual and group projects to understand the various aspects of the production process.

**Academic Career**  
Graduate

**Liberal Arts**  
No

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## MUSIC 717 - Songwriting

### Overview

**Academic Institution**  
QNS01

**Subject area**  
MUSIC

**Catalog Number**  
717

**Course Title**  
Songwriting

**Department(s)**  
Aaron Copland School of Music

**Description**  
Students learn basic techniques of songwriting. The course covers concepts of form, rhyme, rhythm, scansion, prosody, tone, metaphor, simile, conceit, and song types. Students complete a series of projects to understand the various aspects of the songwriting process

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Instructor Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## MUSIC 720 - Advanced Orchestration

### Overview

**Academic Institution**  
QNS01

**Subject area**  
MUSIC

**Catalog Number**  
720

**Course Title**  
Advanced Orchestration

**Department(s)**  
Aaron Copland School of Music

**Description**  
Permission of the instructor. Late nineteenth- and twentieth-century orchestral techniques are studied through the works of Brahms and Wagner, Mahler and Strauss to Britten, Stravinsky, Boulez, and Lutoslawski. Students examine notation innovations, orchestrate twentieth-century piano music, and occasionally hear their exercises read by the School of Music orchestra.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**  
3

**Maximum Units**  
3

## MUSIC 721 - Music Business

### Overview

**Academic Institution**  
QNS01

**Subject area**  
MUSIC

**Catalog Number**  
721

**Course Title**  
Music Business

**Department(s)**  
Aaron Copland School of Music

**Description**  
This course is designed to teach music students the economic basis of the music business; i.e. financial planning, contracts, dealing with managers and agents, etc. Students will be guided in assessing their own attitudes towards money and business and in creating compelling personal goals and planning the attainment of these goals.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 725 - Composers' Workshop****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
725Course Title  
Composers' WorkshopDepartment(s)  
Aaron Copland School of Music

**Description**  
A practicum for composers including performance and discussion of student works and discussion of other new music. Required of composition majors during each semester of residence for a maximum of four credits. Open to other graduate students with permission of the instructor. Graded on Pass/Fail basis only.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
1Maximum Units  
1**MUSIC 7261 - Electronic Music Studio I****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
7261Course Title  
Electronic Music Studio IDepartment(s)  
Aaron Copland School of Music

**Description**  
Introduction to laptop-based (Mac or PC) electronic music studio synthesis through lectures and assignments. Emphasizes the virtual operation of cross-platform, software based analog, digital, sampling, and recording techniques. To be offered in person, hybrid, or online.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
Instructor Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 7262 - Electronic Music Studio II****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
7262Course Title  
Electronic Music Studio IIDepartment(s)  
Aaron Copland School of Music

**Description**  
A continuation of Electronic Music Studio I, with an emphasis on modular synthesis using cross-platform software such as VCV Rack and programming with interactive software such as MAX. To be offered in-person, hybrid, or online.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
Instructor Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 728 - Musical Systems and Speculative Theory****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
728Course Title  
Musical Systems and Speculative TheoryDepartment(s)  
Aaron Copland School of Music

**Description**  
Analysis of the syntactical systems of two musical languages which have produced important work: tonality and the 12-tone system; construction by analogy of new musical systems which might be used as the foundations for new music. Use of electronic media and the computer.

Academic Career  
Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 729 - Private Lessons in Composition I****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

729

**Course Title**

Private Lessons in Composition I

**Department(s)**

Aaron Copland School of Music

**Description**

Private study in composition. May not be taken in the same semester as MUSIC 789. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 730 - Private Lessons in Composition II****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

730

**Course Title**

Private Lessons in Composition II

**Department(s)**

Aaron Copland School of Music

**Description**

Continuation of private study in composition. May not be taken in the same semester as MUSIC 789. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 731 - Private Lessons in Composition III****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

731

**Course Title**

Private Lessons in Composition III

**Department(s)**

Aaron Copland School of Music

**Description**

Continuation of private study in composition. May not be taken in the same semester as MUSIC 789. With the permission of the chair of the School of Music, MUSIC 731 may be repeated for credit. This course has a Private Music Lessons Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 7331 - Computer Music I****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7331

**Course Title**

Computer Music I

**Department(s)**

Aaron Copland School of Music

**Description**

Introduction to computer music synthesis emphasizing the basic concepts of synthesis, score preparation, and the study of computer music.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 7332 - Computer Music II

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7332

**Course Title**

Computer Music II

**Department(s)**

Aaron Copland School of Music

**Description**

A continuation of Computer Music I. Survey of computer music synthesis methods and computer composition.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 735 - Audio and MIDI Sequencing I

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

735

**Course Title**

Audio and MIDI Sequencing I

**Department(s)**

Aaron Copland School of Music

**Description**

This course covers the basics of digital sequencing using Virtual Instruments/MIDI and Audio files inside a modern digital audio workstation to establish a strong foundation for further studies in composition and production. Through weekly assignments, students learn to work in a digital audio workstation (DAW) environment. Students will learn to input and edit notes as well as continuous controller automation to create expressive music. Students will master file import,

quantizing, and time stretching of audio files. They will then learn to integration of those tracks with virtual instruments as an introduction recording live audio. This class will emphasize content creation.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 736 - Audio and MIDI Sequencing II

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

736

**Course Title**

Audio and MIDI Sequencing II

**Department(s)**

Aaron Copland School of Music

**Description**

An advanced class where students learn extended sequencing techniques to improve their musical compositions. Topics include recording simple audio for creating sampled instruments; rendering virtual instrument tracks to audio; equalization and audio compression; time-based effects; and audio routing within professional DAW software.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 738 - Musical Iconography

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

738

**Course Title**

Musical Iconography

**Department(s)**

Aaron Copland School of Music

**Description**

Critical and historical interpretation of the representation of musical subjects from the arts of Ancient Egypt to the nineteenth century.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 739 - Film Scoring I

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

739

**Course Title**

Film Scoring I

**Department(s)**

Aaron Copland School of Music

**Description**

This course is a practical study in the fundamentals of music composition to accompany moving images in film and television. It includes the analysis of existing film music and the creation of original music based on given subjects. Issues covered include timing music to picture, interacting with production staff, and developing skills for working under deadlines. To be offered online or hybrid.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

Instructor Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 740 - Digital Recording and Composition I

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

740

**Course Title**

Digital Recording and Composition I

**Department(s)**

Aaron Copland School of Music

**Description**

This course is an advanced level study of the craft of digital audio recording, including acoustic theory, musical proportion, digital theory, signal flow, and other studio considerations. Every student completes short weekly creative projects in digital audio, simultaneously learning different styles of composition and different technological configurations, including the tools to create and mix musical content in a modern Digital Audio Workstation. Students also learn strategies for success in an increasingly technological environment.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 741 - Digital Recording and Composition II

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

741

**Course Title**

Digital Recording and Composition II

**Department(s)**

Aaron Copland School of Music

**Description**

This course is a detailed and advanced study of digital audio recording, including file management, frequency estimation, audio streaming, track compilation, submastering and complex mixing, digital mastering, and data compression. Every student completes several collaborative projects in digital audio, as well as several recreations of extant work.

**Academic Career**

Graduate

**Liberal Arts**

No

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 742 - Proseminar in Analysis and Style Criticism

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	742

Course Title  
Proseminar in Analysis and Style Criticism

Department(s)  
Aaron Copland School of Music

Description  
Analysis of style and structure of works of various periods.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## MUSIC 743 - Film Scoring II

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	743

Course Title  
Film Scoring II

Department(s)  
Aaron Copland School of Music

Description  
Advanced study of scoring to picture. Students will compose music to several short films. Students will prepare, organize, and run recording sessions to realize their works. To be offered in hybrid mode.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
Instructor Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## MUSIC 744 - Music for Media

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	744

Course Title  
Music for Media

Department(s)  
Aaron Copland School of Music

Description  
This course is both a survey and study of music used in broadcast media. Topics include creating production music, musical branding, theme songs, advertising music, promo music, interstitial music used during television shows, and modular music as used in games. There will also be a business component to the class, with discussion of getting music on air and creating revenue streams

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
Instructor Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## MUSIC 745 - Introduction to Schenkerian Analysis

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	745

Course Title  
Introduction to Schenkerian Analysis

Department(s)  
Aaron Copland School of Music

Description  
An introduction to the theories of Heinrich Schenker, their relevance and practical application to musical analysis. (Required for all theory majors.)

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## MUSIC 746 - Introduction to Post-Tonal Theory

### Overview

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

746

**Course Title**

Introduction to Post-Tonal Theory

**Department(s)**

Aaron Copland School of Music

**Description**

An introduction to current analytical approaches to 20th-century music. Required of theory majors.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## MUSIC 747 - String Repertory

### Overview

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

747

**Course Title**

String Repertory

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. A study of orchestral, chamber, and solo repertoire for string instruments. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

1

**Maximum Units**

1

## MUSIC 748 - Woodwind Repertory

### Overview

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

748

**Course Title**

Woodwind Repertory

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. A study of orchestral, chamber, and solo repertoire for woodwind instruments. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

1

**Maximum Units**

1

## MUSIC 749 - Brass Repertory

### Overview

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

749

**Course Title**

Brass Repertory

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. A study of orchestral, chamber, and solo repertoire for brass instruments. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

1

**Maximum Units**

1



## MUSIC 750 - Piano Repertory

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	750

Course Title  
Piano Repertory

Department(s)  
Aaron Copland School of Music

Description  
Permission of the instructor. A study of chamber and solo repertoire for piano. May be repeated for credit.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 751 - Vocal Repertory

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	751

Course Title  
Vocal Repertory

Department(s)  
Aaron Copland School of Music

Description  
Permission of the instructor. A study of aspects of vocal repertory including art song, aria, and other vocal forms. May be repeated for credit.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 752 - Percussion Repertory

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	752

Course Title  
Percussion Repertory

Department(s)  
Aaron Copland School of Music

Description  
This course is designed to increase the student's ability in three major areas of performance: orchestral repertoire, solo repertoire and world percussion music. Students are expected to prepare excerpts, listen to recordings, study scores and attend concerts. Grades are based on weekly performances in class. The workload will change depending on the repertoire performed in the Queens College Orchestra. May be repeated for credit.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 753 - Style Criticism: Topical Lecture Courses in Analysis and Criticism

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	753

Course Title  
Style Criticism: Topical Lecture Courses in Analysis and Criticism

Department(s)  
Aaron Copland School of Music

Description  
Matriculation for the Master of Arts degree in Music, or permission of the school. Analysis and criticism of selected works. May be repeated for credit if the topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 758 - Musicianship for Graduate Students****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
758Course Title  
Musicianship for Graduate StudentsDepartment(s)  
Aaron Copland School of Music

**Description**  
An intensive course in sight singing, dictation, and keyboard harmony for graduate students. Students may place out of MUSIC 758 by passing these three parts of the Theory Qualifying Examination. This course is not available to students in Music Education. A grade of B- or higher in MUSIC 758 will be regarded as equivalent to a passing grade in the sight-singing, dictation, and keyboard parts of the Theory Qualifying Examination, provided that the student also achieves a passing grade in each of these areas. Prereq.: acceptance into the M.A. program in music; students must also have taken the Theory Qualifying Examination (all four parts); the course is designed for students who have not passed one or more of the following parts of the examination: sight singing, dictation, or keyboard harmony.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
2Maximum Units  
2**MUSIC 759 - Studies in Tonal Harmony and Counterpoint****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
759Course Title  
Studies in Tonal Harmony and CounterpointDepartment(s)  
Aaron Copland School of Music

**Description**  
An intensive study of tonal harmony and counterpoint, including chord prolongation and long-range structure. Practical applications. Open to interested students, but required of those who fail the written portion of the Theory

Qualifying Examination. A grade of B- or higher in MUSIC 759 will be regarded as equivalent to a passing grade on the written portion of the Theory Qualifying Examination.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
Department Consent Required**Credits**Minimum Units  
2Maximum Units  
2**MUSIC 760 - Musicology Seminar****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
760Course Title  
Musicology SeminarDepartment(s)  
Aaron Copland School of Music

**Description**  
Consideration of special historical problems in which techniques of research and independent evaluation are stressed. Recent offerings have included Josquin, The Early Symphony, Mozart Operas, Beethoven (the Origins of his Style), and Verdi. May be repeated for credit with permission of School.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 761 - Musicology Seminar****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
761Course Title  
Musicology SeminarDepartment(s)  
Aaron Copland School of Music

**Description**

Consideration of special historical problems in which techniques of research and independent evaluation are stressed. Recent offerings have included Josquin, The Early Symphony, Mozart Operas, Beethoven (the Origins of his Style), and Verdi. May be repeated for credit with permission of School.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 762 - Seminar in Music Theory****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

762

**Course Title**

Seminar in Music Theory

**Department(s)**

Aaron Copland School of Music

**Description**

Consideration of special issues in theory or analysis, with emphasis on independent research and critical thinking. May be repeated with permission of School.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 763 - Seminar in Music Theory****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

763

**Course Title**

Seminar in Music Theory

**Department(s)**

Aaron Copland School of Music

**Description**

Consideration of special issues in theory or analysis, with emphasis on independent research and critical thinking. May be repeated with permission of School.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 764 - Topical Course in Applied Music Theory****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

764

**Course Title**

Topical Course in Applied Music Theory

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. Recent topics have included advanced orchestration, tonal composition and fugue, and advanced keyboard skills. May be repeated for credit if the topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 765 - Theory: Topical Lecture Courses****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

765

**Course Title**

Theory: Topical Lecture Courses

**Department(s)**

Aaron Copland School of Music

**Description**

Study of special topic in music theory such as chromaticism, form, structural analysis, comparative musical systems, etc. May be repeated for credit if the topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units  
3

Maximum Units  
3

## MUSIC 766 - Topics in Chamber Music Research

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

766

**Course Title**

Topics in Chamber Music Research

**Department(s)**

Aaron Copland School of Music

**Description**

Acceptance into the MA in Music Performance, or one of the Music Certificate Programs.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units  
2

Maximum Units  
2

## MUSIC 767 - Topical Course in Performance

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

767

**Course Title**

Topical Course in Performance

**Department(s)**

Aaron Copland School of Music

**Description**

This course will be offered on an occasional basis. Topics will vary, but may include conducting for composers, Baroque continuo realization, etc. May be repeated for credit if the topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units  
2

Maximum Units  
2

## MUSIC 7672 - Topical Course in Performance

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7672

**Course Title**

Topical Course in Performance

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. This course will be offered on an occasional basis. Topics will vary, but may include conducting for composers, Baroque continuo realization, etc. May be repeated for credit if the topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units  
2

Maximum Units  
2

## MUSIC 7673 - Topical Course in Performance

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7673

**Course Title**

Topical Course in Performance

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. This course will be offered on an occasional basis. Topics will vary, but may include conducting for composers, Baroque continuo realization, etc. May be repeated for credit if the topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## MUSIC 768 - Western Music History Survey

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

768

**Course Title**

Western Music History Survey

**Department(s)**

Aaron Copland School of Music

**Description**

A survey of Western music covering the major periods through the 20th century. Assigned readings and listening, plus one individualized research project. Final exam on: (1) historical information, and (2) style recognition. A grade of B- or higher in MUSIC 768 will be regarded as equivalent to a passing grade on the History Qualifying Examination.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## MUSIC 769 - Piano Pedagogy

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

769

**Course Title**

Piano Pedagogy

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the Instructor. Piano Pedagogy addresses the applicative needs of aspiring piano teachers. It is a hands-on workshop designed to teach students how to recognize different learning styles, introduce and discuss various and contrasting method books and materials for the beginner to early intermediate levels, and to choose materials according to the needs of their students. It also provides students with the opportunity to teach in class and learn from the feedback of the class and instructor. Piano Pedagogy also focuses on the practical aspects of maintaining and sustaining an independent teaching studio. Non-Piano Majors: Advanced Piano Pedagogy is also open to pianists who are Graduate Education Majors, and to students who may need help with piano skills. Beginner pianists will be assigned to work with a graduate performance major. Pedagogy 769 is not a prerequisite; permission of the instructor required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## MUSIC 770 - Advanced Piano Pedagogy

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

770

**Course Title**

Advanced Piano Pedagogy

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the Instructor. Advanced course in Piano Pedagogy offers more intensive training in order to teach and play the intermediate through advanced levels of repertory which follow the beginner method books and preliminary materials presented in Pedagogy 774.1 Students will explore more advanced and diverse styles of music, piano technique, practice skills and performance. Class teaching. Non-Piano Majors: Advanced Piano Pedagogy is also open to pianists who are Graduate Education Majors, and to students who may need help with piano skills. Beginner pianists will be assigned to work with a graduate performance major. Pedagogy 774.1 is not a prerequisite; permission of the instructor required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
2Maximum Units  
2**MUSIC 771 - Performance Literature Seminar****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
771**Course Title**

Performance Literature Seminar

**Department(s)**

Aaron Copland School of Music

**Description**

A study of the repertoire for (1) chorus, (2) orchestra, or (3) wind ensemble. These topics will be offered on a rotating basis. This course is required of MM students in conducting. Conductors should take the version of the course that corresponds to their area of concentration. The course is available as an elective to other graduate students in music.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 772 - The Art of Keyboard Collaboration****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
772**Course Title**

The Art of Keyboard Collaboration

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. A course for advanced keyboard players in the accompanist's role in the performance of the vocal and instrumental repertory. Coaching in selected literature.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
2Maximum Units  
2**MUSIC 773 - Topics in the History of Music****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
773**Course Title**

Topics in the History of Music

**Department(s)**

Aaron Copland School of Music

**Description**

Matriculation for either the MA in Music or the MS in Education (Music) degree, or permission of the School. Lecture courses in the history of music. Recent topics have included Bach, Chopin, Debussy, and Ravel, Dvorák to Ellington, and twentieth-century opera. May be repeated for credit if the topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**MUSIC 774 - Chamber Music I****Overview**Academic Institution  
QNS01Subject area  
MUSICCatalog Number  
774**Course Title**

Chamber Music I

**Department(s)**

Aaron Copland School of Music

**Description**

The study of music literature through participation in a performance group. Fall, Spring

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

**MUSIC 775 - Chamber Music II****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

775

**Course Title**

Chamber Music II

**Department(s)**

Aaron Copland School of Music

**Description**

The study of music literature through participation in a performance group

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

**MUSIC 776 - Chamber Music III****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

776

**Course Title**

Chamber Music III

**Department(s)**

Aaron Copland School of Music

**Description**

MUSIC 774 - 776 is a required three-course sequence for M.A. students in classical performance, totaling 3 credits (1 credit per semester). Most students in classical performance take four semesters to complete the degree. We believe that students in this program should study and perform chamber music in each semester of residence. Therefore, although a fourth semester of chamber music will not be required, we would like fourth-semester students to be able to take chamber music for credit. The proposed limit of one for-credit repetition is intended to discourage students from taking longer than four semesters to complete the degree. May be repeated for credit once.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

**MUSIC 777 - Seminars in Performance Practice****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

777

**Course Title**

Seminars in Performance Practice

**Department(s)**

Aaron Copland School of Music

**Description**

Study of the performance practices of a particular historical period. Musical analysis and examination of contemporaneous writings will serve as the basis for live performance in class. The course normally rotates over a three-semester series.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**MUSIC 7771 - Renaissance Performance****Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7771

**Course Title**

Renaissance Performance

**Department(s)**

Aaron Copland School of Music

**Description**

Study of the performance practices of a particular historical period. Musical analysis and examination of contemporaneous writings will serve as the basis for live performance in class. The course normally rotates over a three-semester series.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 7772 - Baroque

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7772

**Course Title**

Baroque

**Department(s)**

Aaron Copland School of Music

**Description**

Study of the performance practices of a particular historical period. Musical analysis and examination of contemporaneous writings will serve as the basis for live performance in class. The course normally rotates over a three-semester series.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 7773 - Classical and Romantic

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7773

**Course Title**

Classical and Romantic

**Department(s)**

Aaron Copland School of Music

**Description**

Study of the performance practices of a particular historical period. Musical analysis and examination of contemporaneous writings will serve as the basis for live performance in class. The course normally rotates over a three-semester series.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 7774 - Twentieth Century

**Overview****Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7774

**Course Title**

Twentieth Century

**Department(s)**

Aaron Copland School of Music

**Description**

Study of the performance practices of a particular historical period. Musical analysis and examination of contemporaneous writings will serve as the basis for live performance in class. The course normally rotates over a three-semester series.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## MUSIC 778 - Performance Workshop for Conductors

**Overview****Academic Institution**

QNS01



**Subject area**  
MUSIC

**Catalog Number**  
778

**Course Title**  
Performance Workshop for Conductors

**Department(s)**  
Aaron Copland School of Music

**Description**  
This course consists of assistantships to the directors of the Orchestra, Opera Workshop, Wind Ensemble and Choir and leads to public performances with one or more of these large performing groups. May be repeated for credit. (Required for all conducting majors.)

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
2    2

## MUSIC 7784 - Performance of Non-Western Instruments of Music

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
MUSIC                                      7784

**Course Title**  
Performance of Non-Western Instruments of Music

**Department(s)**  
Aaron Copland School of Music

**Description**  
Limited to students of ethnomusicology, or permission of the school. Instruction in playing non-Western instruments.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
2    2

## MUSIC 779 - Musical Analysis for Performers

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
MUSIC                                      779

**Course Title**  
Musical Analysis for Performers

**Department(s)**  
Aaron Copland School of Music

**Description**  
Required of all students with a major in performance. Analysis of structure, texture, and form in tonal music as it relates to performance.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## MUSIC 784 - Music since 1900 I

### Overview

**Academic Institution**  
QNS01

**Subject area**                              **Catalog Number**  
MUSIC                                      784

**Course Title**  
Music since 1900 I

**Department(s)**  
Aaron Copland School of Music

**Description**  
A detailed study of changing styles and concepts of music in the first half of the twentieth century.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## MUSIC 785 - Music since 1900 II

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	785

Course Title  
Music since 1900 II

Department(s)  
Aaron Copland School of Music

Description  
A detailed study of music from 1945 to the present.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## MUSIC 787 - Recital Preparation

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	787

Course Title  
Recital Preparation

Department(s)  
Aaron Copland School of Music

Description  
Continuation of private study in an instrument, voice or conducting culminating in a Master's Level Recital.

Academic Career  
Graduate

Liberal Arts  
No

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## MUSIC 789 - Thesis

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	789

Course Title  
Thesis

Department(s)  
Aaron Copland School of Music

Description  
Required of all candidates for the MA in Music. Supervised thesis writing. May be repeated to a maximum of 6 credits.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## MUSIC 790 - Special Topics

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	790

Course Title  
Special Topics

Department(s)  
Aaron Copland School of Music

Description  
Permission of the school. Intensive study and a definite project in a field chosen by the student under the direction of a member of the School. May be repeated for credit if the topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 7901 - VT: Special Topics

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MUSIC                              7901

Course Title  
VT: Special Topics

Department(s)  
Aaron Copland School of Music

Description  
Permission of the school. Intensive study and a definite project in a field chosen by the student under the direction of a member of the School. May be repeated for credit if the topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
1    1

## MUSIC 7902 - VT: Special Topics

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MUSIC                              7902

Course Title  
VT: Special Topics

Department(s)  
Aaron Copland School of Music

Description  
Permission of the school. Intensive study and a definite project in a field chosen by the student under the direction of a member of the School. May be repeated for credit if the topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## MUSIC 7903 - VT: Special Topics

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MUSIC                              7903

Course Title  
VT: Special Topics

Department(s)  
Aaron Copland School of Music

Description  
Permission of the school. Intensive study and a definite project in a field chosen by the student under the direction of a member of the School. May be repeated for credit if the topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## MUSIC 791 - Special Topics

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MUSIC                              791

Course Title  
Special Topics

Department(s)  
Aaron Copland School of Music

Description  
Permission of the school. Intensive study and a definite project in a field chosen by the student under the direction of a member of the School. May be repeated for credit if the topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
1    1

## MUSIC 7911 - VT: Special Topics

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MUSIC                              7911

Course Title  
VT: Special Topics

Department(s)  
Aaron Copland School of Music

Description  
Permission of the school. Intensive study and a definite project in a field chosen by the student under the direction of a member of the School. May be repeated for credit if the topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
1    1

## MUSIC 7912 - VT: Special Topics

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MUSIC                              7912

Course Title  
VT: Special Topics

Department(s)  
Aaron Copland School of Music

Description  
Permission of the school. Intensive study and a definite project in a field chosen by the student under the direction of a member of the School. May be repeated for credit if the topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## MUSIC 7913 - VT: Special Topics

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MUSIC                              7913

Course Title  
VT: Special Topics

Department(s)  
Aaron Copland School of Music

Description  
Permission of the school. Intensive study and a definite project in a field chosen by the student under the direction of a member of the School. May be repeated for credit if the topic changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## MUSIC 792 - Orchestra

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
MUSIC                              792

Course Title  
Orchestra

Department(s)  
Aaron Copland School of Music

Description  
Permission of the instructor. May be repeated for credit.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
1    1

## MUSIC 793 - Symphonic Wind Ensemble

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	793

Course Title  
Symphonic Wind Ensemble

Department(s)  
Aaron Copland School of Music

**Description**  
Permission of the instructor. A specialized performance organization for wind and percussion players which is designed for the study and performance of the symphonic band/wind ensemble repertoire from a variety of periods. May be elected by MA or MS students subject to the requirements of the various programs. May be repeated for credit.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 7941 - Vocal Ensemble

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	7941

Course Title  
Vocal Ensemble

Department(s)  
Aaron Copland School of Music

**Description**  
Permission of the instructor. A small, select chamber choir which performs music from the Middle Ages to the present. May be repeated for credit.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 7942 - Collegium Musicum (Renaissance and Baroque Instrumental Ensemble)

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	7942

Course Title  
Collegium Musicum (Renaissance and Baroque Instrumental Ensemble)

Department(s)  
Aaron Copland School of Music

**Description**  
Permission of the instructor. May be repeated for credit. Group performs on modern copies of period instruments.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 7943 - Baroque Ensemble

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
MUSIC	7943

Course Title  
Baroque Ensemble

Department(s)  
Aaron Copland School of Music

**Description**  
Permission of the instructor. A small, select ensemble which performs Baroque chamber music. May be repeated for credit.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## MUSIC 7944 - Nota Bene (Contemporary Instrumental Ensemble)

### Overview

#### Academic Institution

QNS01

#### Subject area

MUSIC

#### Catalog Number

7944

#### Course Title

Nota Bene (Contemporary Instrumental Ensemble)

#### Department(s)

Aaron Copland School of Music

#### Description

Permission of the instructor. May be repeated for credit.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

1

#### Maximum Units

1

## MUSIC 7945 - Brass Ensemble

### Overview

#### Academic Institution

QNS01

#### Subject area

MUSIC

#### Catalog Number

7945

#### Course Title

Brass Ensemble

#### Department(s)

Aaron Copland School of Music

#### Description

Permission of the instructor. A small, select group for the performance of literature for brass instruments. May be repeated for credit. Fulfills the chamber music requirement for brass players.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

1

#### Maximum Units

1

## MUSIC 7946 - Percussion Ensemble

### Overview

#### Academic Institution

QNS01

#### Subject area

MUSIC

#### Catalog Number

7946

#### Course Title

Percussion Ensemble

#### Department(s)

Aaron Copland School of Music

#### Description

Permission of the instructor. A small, select ensemble for the performance of literature for percussion. Fulfills the chamber music requirement for percussionists. May be repeated for credit.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

1

#### Maximum Units

1

## MUSIC 7947 - Treble Choir

### Overview

#### Academic Institution

QNS01

#### Subject area

MUSIC

#### Catalog Number

7947

#### Course Title

Treble Choir

#### Department(s)

Aaron Copland School of Music

#### Description

MUSIC 7947. Treble Choir. 4 hours, 1 credit. Prereq.: Permission of the instructor; admission is by audition. The purpose of this ensemble is to achieve the highest standards of choral artistry among musics written for soprano and alto voices. Rehearsals are supplemented by individual preparation. May be repeated for credit. Fall, Spring. Permission of the instructor; admission is by audition.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

Instructor Consent Required

### Credits

#### Minimum Units

1

#### Maximum Units

1

## MUSIC 7948 - Concert Choir

### Overview

#### Academic Institution

QNS01

#### Subject area

MUSIC

#### Catalog Number

7948

#### Course Title

Concert Choir

#### Department(s)

Aaron Copland School of Music

#### Description

A mixed chorus devoted to the study and performance of music from the Renaissance to the present. Fall, Spring. May be repeated for credit.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

1

#### Maximum Units

1

## MUSIC 795 - Chamber Orchestra

### Overview

#### Academic Institution

QNS01

#### Subject area

MUSIC

#### Catalog Number

795

#### Course Title

Chamber Orchestra

#### Department(s)

Aaron Copland School of Music

#### Description

The Queens College Chamber Orchestra performs three concerts a year, specializing in classical and modern large-ensemble repertoire. Weekly rehearsals involve in-depth study of musical scores in preparation for performances, combining practical rehearsal techniques with musical analysis and study of different musical styles. Special emphasis is placed on incorporating knowledge of classical style and period-instrument practice, adapted to modern instruments. The final Spring-semester concert is a concerto marathon featuring members of the ensemble. May be repeated for credit.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

1

#### Maximum Units

1

## MUSIC 7950 - Chamber Orchestra

### Overview

#### Academic Institution

QNS01

#### Subject area

MUSIC

#### Catalog Number

7950

#### Course Title

Chamber Orchestra

#### Department(s)

Aaron Copland School of Music

#### Description

The Queens College Chamber Orchestra performs three concerts a year, specializing in classical and modern large-ensemble repertoire. Weekly rehearsals involve in-depth study of musical scores in preparation for performances, combining practical rehearsal techniques with musical analysis and study of different musical styles. Special emphasis is placed on incorporating knowledge of classical style and period-instrument practice, adapted to modern instruments. The final Spring-semester concert is a concerto marathon featuring members of the ensemble. May be repeated for credit.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

0

#### Maximum Units

0

## MUSIC 7951 - Chamber Orchestra

### Overview

#### Academic Institution

QNS01

#### Subject area

MUSIC

#### Catalog Number

7951

#### Course Title

Chamber Orchestra

#### Department(s)

Aaron Copland School of Music

#### Description

The Queens College Chamber Orchestra performs three concerts a year, specializing in classical and modern large-ensemble repertoire. Weekly rehearsals involve in-depth study of musical scores in preparation for performances, combining practical rehearsal techniques with musical analysis and study of different musical styles. Special emphasis is placed on incorporating knowledge of

classical style and period-instrument practice, adapted to modern instruments. The final Spring-semester concert is a concerto marathon featuring members of the ensemble. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

**Description**

Permission of the instructor. Individual coaching and group rehearsals culminating in recitals and staged performance. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## MUSIC 796 - Opera Studio

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

796

**Course Title**

Opera Studio

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. Individual coaching and group rehearsals culminating in recitals and staged performance. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## MUSIC 7962 - Opera Studio

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7962

**Course Title**

Opera Studio

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. Individual coaching and group rehearsals culminating in recitals and staged performance. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## MUSIC 7961 - Opera Studio

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7961

**Course Title**

Opera Studio

**Department(s)**

Aaron Copland School of Music

## MUSIC 7963 - Opera Studio

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

7963

**Course Title**

Opera Studio

**Department(s)**

Aaron Copland School of Music



**Description**

Permission of the instructor. Individual coaching and group rehearsals culminating in recitals and staged performance. May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units  
3

Maximum Units  
3

## MUSIC 797 - Balinese Gamelan

**Overview**

Academic Institution  
QNS01

Subject area  
MUSIC

Catalog Number  
797

Course Title  
Balinese Gamelan

Department(s)  
Aaron Copland School of Music

**Description**

An introduction to traditional and contemporary Balinese music through practice and performance on traditional instruments. Weekly rehearsals lead to one or more concerts. Instruments and practice space are provided. May be repeated for credit to a maximum of 4 times.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units  
1

Maximum Units  
1

## MUSIC 798 - Advanced Solfège and Score Reading

**Overview**

Academic Institution  
QNS01

Subject area  
MUSIC

Catalog Number  
798

Course Title  
Advanced Solfège and Score Reading

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. An elective for students needing high-level proficiency in score reading and related skills. May be repeated for credit for further study.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units  
2

Maximum Units  
2

## MUSIC 7981 - Advanced Solfège and Score Reading

**Overview**

Academic Institution  
QNS01

Subject area  
MUSIC

Catalog Number  
7981

Course Title  
Advanced Solfège and Score Reading

Department(s)  
Aaron Copland School of Music

**Description**

Permission of the instructor. An elective for students needing high-level proficiency in score reading and related skills.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

**Credits**

Minimum Units  
2

Maximum Units  
2

## MUSIC 7982 - Advanced Solfège and Score Reading

**Overview**

Academic Institution  
QNS01

Subject area  
MUSIC

Catalog Number  
7982

**Course Title**

Advanced Solfège and Score Reading

**Department(s)**

Aaron Copland School of Music

**Description**

Permission of the instructor. An elective for students needing high-level proficiency in score reading and related skills.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## MUSIC 799 - Percussion Repertory

**Overview**

**Academic Institution**

QNS01

**Subject area**

MUSIC

**Catalog Number**

799

**Course Title**

Percussion Repertory

**Department(s)**

Aaron Copland School of Music

**Description**

A study of orchestral, chamber, and solo repertoire for percussion.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## PHIL 620 - Advanced Logic

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

620

**Course Title**

Advanced Logic

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 621 - Logic and Language

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

621

**Course Title**

Logic and Language

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 651 - Philosophy of Law

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

651

**Course Title**

Philosophy of Law

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 652 - Philosophy of History

### Overview

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

652

**Course Title**

Philosophy of History

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 654 - Philosophy of Religion

### Overview

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

654

**Course Title**

Philosophy of Religion

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 653 - Philosophy of the State

### Overview

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

653

**Course Title**

Philosophy of the State

## PHIL 710 - Ancient Philosophy: Plato

### Overview

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

710

**Course Title**

Ancient Philosophy: Plato

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 711 - Ancient Philosophy: Aristotle

### Overview

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

711

**Course Title**

Ancient Philosophy: Aristotle

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 713 - Studies in Medieval Philosophy: Late Medieval Philosophy

### Overview

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

713

**Course Title**

Studies in Medieval Philosophy: Late Medieval Philosophy

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 712 - Studies in Medieval Philosophy: Early Medieval Philosophy

### Overview

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

712

**Course Title**

Studies in Medieval Philosophy: Early Medieval Philosophy

## PHIL 714 - Studies in Early Modern Philosophy: Rationalism

### Overview

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

714

**Course Title**

Studies in Early Modern Philosophy: Rationalism

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 715 - Studies in Early Modern Philosophy: Empiricism

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

715

**Course Title**

Studies in Early Modern Philosophy: Empiricism

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 716 - Studies in Late Modern Philosophy: Kant

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

716

**Course Title**

Studies in Late Modern Philosophy: Kant

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 717 - Studies in Late Modern Philosophy: Middle and Late Nineteenth Century

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

717

**Course Title**

Studies in Late Modern Philosophy: Middle and Late Nineteenth Century

**Department(s)**

Philosophy

**Description**

Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 721 - Philosophy of Mathematics

**Overview**

**Academic Institution**

QNS01

**Subject area**  
PHIL

**Catalog Number**  
721

**Course Title**  
Philosophy of Mathematics

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 722 - Methodology of Empirical Sciences**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	722

**Course Title**  
Methodology of Empirical Sciences

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 723 - Probability and Induction**

**Overview**

**Academic Institution**  
QNS01

**Subject area**  
PHIL

**Catalog Number**  
723

**Course Title**  
Probability and Induction

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 730 - Metaphysics**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	730

**Course Title**  
Metaphysics

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 731 - Philosophy of Mind**

**Overview**

**Academic Institution**  
QNS01

**Subject area**  
PHIL

**Catalog Number**  
731

**Course Title**  
Philosophy of Mind

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 732 - Epistemology**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	732

**Course Title**  
Epistemology

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 740 - Phenomenology**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	740
<b>Course Title</b>	
Phenomenology	
<b>Department(s)</b>	
Philosophy	
<b>Description</b>	
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.	
<b>Academic Career</b>	
Graduate	
<b>Liberal Arts</b>	
Yes	
<b>Permission Type</b>	
No Special Consent Required	

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 741 - Existentialism**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	741

**Course Title**  
Existentialism

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 742 - Pragmatism**

**Overview**

**Academic Institution**  
QNS01

**Subject area**  
PHIL

**Catalog Number**  
742

**Course Title**  
Pragmatism

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 743 - Philosophical Analysis**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	743

**Course Title**  
Philosophical Analysis

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 750 - Ethical Systems**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	750
<b>Course Title</b>	Ethical Systems
<b>Department(s)</b>	Philosophy
<b>Description</b>	Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.
<b>Academic Career</b>	Graduate
<b>Liberal Arts</b>	Yes
<b>Permission Type</b>	No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 751 - Ethical Analyses**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	751

**Course Title**  
Ethical Analyses

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 752 - Aesthetics**

**Overview**

**Academic Institution**  
QNS01



**Subject area**  
PHIL

**Catalog Number**  
752

**Course Title**  
Aesthetics

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 760 - Business Ethics**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	760

**Course Title**  
Business Ethics

**Department(s)**  
Philosophy

**Description**  
Detailed descriptions of current course offerings are available from the secretary of the Department of Philosophy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 778 - Special Studies in Philosophy**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	778

**Course Title**  
Special Studies in Philosophy

**Department(s)**  
Philosophy

**Description**  
May be repeated for credit provided topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 779 - Seminar in Philosophy**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	779

**Course Title**  
Seminar in Philosophy

**Department(s)**  
Philosophy

**Description**  
May be repeated for credit provided topic is different.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**PHIL 780 - Tutorial: Special Problems**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHIL	780

**Course Title**

Tutorial: Special Problems

**Department(s)**

Philosophy

**Description**

The completion of a project under the direction of a member of the department.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## PHIL 7801 - Tutorial: Special Problems

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

7801

**Course Title**

Tutorial: Special Problems

**Department(s)**

Philosophy

**Description**

The completion of a project under the direction of a member of the department.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## PHIL 7802 - Tutorial: Special Problems

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

7802

**Course Title**

Tutorial: Special Problems

**Department(s)**

Philosophy

**Description**

The completion of a project under the direction of a member of the department.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## PHIL 7803 - Tutorial: Special Problems

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

7803

**Course Title**

Tutorial: Special Problems

**Department(s)**

Philosophy

**Description**

The completion of a project under the direction of a member of the department.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 781 - Tutorial

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

781

**Course Title**

Tutorial

**Department(s)**

Philosophy

**Description**

The completion of a project under the direction of a member of the department.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## PHIL 782 - Tutorial

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

782

**Course Title**

Tutorial

**Department(s)**

Philosophy

**Description**

The completion of a project under the direction of a member of the department.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHIL 791 - Thesis Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHIL

**Catalog Number**

791

**Course Title**

Thesis Research

**Department(s)**

Philosophy

**Description**

Preparation of an acceptable master's degree thesis under faculty supervision. (Required of all candidates for the MA in Philosophy. Candidates will register for the course once; credit will not be granted until the thesis is accepted.)

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 709 - Wrkshp Sec Sch Ped

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

709

**Course Title**

Wrkshp Sec Sch Ped

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Wrkshp Sec Sch Ped

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 710 - Quantitative Methods

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

710

**Course Title**

Quantitative Methods

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Quantitative Methods

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 711 - Role Sport Amer Soc

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

711

**Course Title**

Role Sport Amer Soc

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Role Sport Amer Soc

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 720 - Phys Fitness/Trainin

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

720

**Course Title**

Phys Fitness/Trainin

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Phys Fitness/Trainin

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 721 - Ekg/Stress Testing

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

721

**Course Title**

Ekg/Stress Testing

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Ekg/Stress Testing

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 722 - Exerc/Nutr/Wgt Cont

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

722

**Course Title**

Exerc/Nutr/Wgt Cont

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Exerc/Nutr/Wgt Cont

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 723 - Phys Activ/Card Hth

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

723

**Course Title**

Phys Activ/Card Hth

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Phys Activ/Card Hth

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 724 - Adult Fitness Exerc

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

724

**Course Title**

Adult Fitness Exerc

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Adult Fitness Exerc

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 725 - Measure Phys Fitness

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

725

**Course Title**

Measure Phys Fitness

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Measure Phys Fitness

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PHYED 726 - Intn Ad Fit/Card Reh

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYED

**Catalog Number**

726

**Course Title**

Intn Ad Fit/Card Reh

**Department(s)**

Family, Nutrition and Exercise Sciences

**Description**

Intn Ad Fit/Card Reh

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## PHYED 730 - Mech Anal Body Move

### Overview

Academic Institution  
QNS01

Subject area                              Catalog Number  
PHYED                                      730

Course Title  
Mech Anal Body Move

Department(s)  
Family, Nutrition and Exercise Sciences

Description  
Mech Anal Body Move

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## PHYED 738 - Ldrshp Instrct Super

### Overview

Academic Institution  
QNS01

Subject area                              Catalog Number  
PHYED                                      738

Course Title  
Ldrshp Instrct Super

Department(s)  
Family, Nutrition and Exercise Sciences

Description  
Ldrshp Instrct Super

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## PHYED 740 - Motor Learn/Perform

### Overview

Academic Institution  
QNS01

Subject area                              Catalog Number  
PHYED                                      740

Course Title  
Motor Learn/Perform

Department(s)  
Family, Nutrition and Exercise Sciences

Description  
Motor Learn/Perform

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## PHYED 743 - Ped Exception Indiv

### Overview

Academic Institution  
QNS01

Subject area                              Catalog Number  
PHYED                                      743

Course Title  
Ped Exception Indiv

Department(s)  
Family, Nutrition and Exercise Sciences

Description  
Ped Exception Indiv

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PHYED 744 - Ped Physical Disable

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHYED	744

**Course Title**  
Ped Physical Disable

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Ped Physical Disable

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PHYED 745 - Pract Spec Phys Ed

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHYED	745

**Course Title**  
Pract Spec Phys Ed

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Pract Spec Phys Ed

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PHYED 750 - Human Sexuality

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHYED	750

**Course Title**  
Human Sexuality

**Department(s)**  
Family, Nutrition and Exercise Sciences

**Description**  
Human Sexuality

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PHYS 501 - Modern Aspects of Physics

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHYS	501

**Course Title**  
Modern Aspects of Physics

**Department(s)**  
Physics

**Description**  
A course for teachers providing discussion of selected topics in mechanics, electronics, atomic and nuclear physics. Not open to candidates for the MA degree in Physics.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**PHYS 502 - Modern Aspects of Astronomy****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
502Course Title  
Modern Aspects of AstronomyDepartment(s)  
Physics

**Description**  
A course for teachers providing an introduction to general astronomy with emphasis on the structure and evolution of the universe. Not open to candidates for the MA in Physics.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
Department Consent Required**Credits**Minimum Units  
4Maximum Units  
4**PHYS 507 - Physics of Music and Sound****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
507Course Title  
Physics of Music and SoundDepartment(s)  
Physics

**Description**  
This course is designed for liberal arts majors with an interest in understanding the principles behind the production of music and sound. Topics include origins and the nature of sound waves, hearing, harmonics, temperament, musical instruments, and other selected topics. Demonstrations are used extensively to illustrate pertinent concepts. This course emphasizes conceptual understanding rather than computation or problem solving. No knowledge of physics or music theory is required.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**PHYS 601 - Introduction to Mathematical Physics****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
601Course Title  
Introduction to Mathematical PhysicsDepartment(s)  
Physics

**Description**  
The mathematical methods developed include such topics as linear and partial differential equations, the calculus of variations, normal and curvilinear coordinates, expansion of a function as a series of orthogonal functions, vector, tensor, and matrix analysis.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**PHYS 611 - Analytical Mechanics****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
611Course Title  
Analytical MechanicsDepartment(s)  
Physics

**Description**  
Analytical mechanics of particles and rigid bodies. Free and forced oscillations; coupled systems; vibrating strings and membranes; the top. Use of numerical integration and power series, vector and tensor analysis, Lagrange's and Hamilton's equation. Fourier series and Bessel functions.



**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

**PHYS 612 - Fluid Dynamics**

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

612

**Course Title**

Fluid Dynamics

**Department(s)**

Physics

**Description**

A macroscopic description of the physical properties of fluids. Topics include fluid equations for inviscid compressible and incompressible flow, wave propagation, shock waves and related discontinuities, stability and turbulence, and other topics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**PHYS 6151 - Electromagnetic Theory I**

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

6151

**Course Title**

Electromagnetic Theory I

**Department(s)**

Physics

**Description**

Topics will include: electrostatics, Poisson and Laplace equations, special techniques: method of images, separation of variables, and multipole expansion, electric fields in matter, magnetostatics, magnetic fields in matter.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

**PHYS 6152 - Electromagnetic Theory II**

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

6152

**Course Title**

Electromagnetic Theory II

**Department(s)**

Physics

**Description**

Topics will include: electromagnetic waves in vacuum, electromagnetic waves in media, wave guides, Lienard- Wiechert potentials, dipole radiation, special theory of relativity, relativistic electrodynamics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

**PHYS 620 - Research and Writing in Sciences**

**Overview**

**Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

620

**Course Title**

Research and Writing in Sciences

**Department(s)**

Physics

**Description**

Topics include preparation of abstracts, technical publications, conference presentations, and curriculum vitae. Ethical issues in scientific research will be addressed through case studies and examination of relevant technical and popular literature. Students will explore literature pertaining to their research interests, and present reviews to the class in written and oral formats.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

**PHYS 621 - Optoelectronics****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
PHYS	621

**Course Title**  
Optoelectronics

**Department(s)**  
Physics

**Description**  
This course will cover the physics of optoelectronic devices addressing both theoretical and experimental aspects. Topics to be covered include: historical survey of optical communication, electromagnetic waves, waveguides, photonic crystals, microcavities, mechanism of light emission and absorption in semiconductors, lasers, photodetectors, solar cells, and nonlinear optics.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4	4

**PHYS 622 - Physics of Lasers****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
PHYS	622

**Course Title**

Physics of Lasers

**Department(s)**  
Physics

**Description**  
Principles of operation of solid, liquid, and gas lasers and application of lasers to research.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4	4

**PHYS 623 - Principles of Telecommunications****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
PHYS	623

**Course Title**  
Principles of Telecommunications

**Department(s)**  
Physics

**Description**  
The course will cover fundamental concepts in analog and digital communication systems, with application to radio, television, telephony, and computer networks.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
4	4

**PHYS 625 - Fundamentals of Quantum Mechanics****Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
PHYS	625

**Course Title**

Fundamentals of Quantum Mechanics

**Department(s)**

Physics

**Description**

Topics will include Formalism of quantum mechanics (operators, state vectors, probabilistic interpretation), quantum-mechanical effects in potential wells and barriers (tunneling, resonant transmission, bound states), quantum harmonic oscillator, quantum angular momentums (orbital and spin), hydrogen atom, identical particles in quantum mechanics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 626 - Applied Quantum Mechanics

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

626

**Course Title**

Applied Quantum Mechanics

**Department(s)**

Physics

**Description**

The course will cover mathematical formulation of Quantum Mechanics; one-dimensional problems: quantum wells and barriers with applications to semiconductor heterostructures, Kronig-Penney model, harmonic oscillator; angular momentum and spin, indistinguishable particles, stationary and time-dependent perturbation theory, application of density matrix to analysis of light-matter interaction, quantization of electromagnetic field and photons.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 635 - Condensed Matter Physics

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

635

**Course Title**

Condensed Matter Physics

**Department(s)**

Physics

**Description**

An introduction to molecular and solid state phenomena. Molecular structure and spectra of diatomic molecules, quantum theory of chemical bonding and dipole moments, crystal structure, lattice dynamics, free electron theory of metals, band model of metals, insulators, and semiconductors, Amorphous solids, polymers, liquid crystals, and phase transition phenomena.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 636 - Nuclear and Elementary Particle Physics

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

636

**Course Title**

Nuclear and Elementary Particle Physics

**Department(s)**

Physics

**Description**

The experimental facts and elements of the quantum theories pertaining to: natural and artificial radioactivity; interaction of charged particles and gamma rays with matter; nuclear structure; emission of alpha, beta, and gamma rays; nuclear reactions and models; the weak and strong nuclear forces; neutron processes; muons; pions; strange particles, quarks.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**PHYS 637 - Modern Optics****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
637Course Title  
Modern OpticsDepartment(s)  
Physics**Description**

Electromagnetic wave propagation in vacuum and in linear media including Fresnel's equations for reflection and transmission at interfaces, absorption and dispersion, guided waves in waveguides, transmission lines and optical fibers, geometric optics and imaging, matrix methods for complex optical systems, interference, diffraction, coherence, principles of laser operation, Gaussian beams, nonlinear optics, quantum theory of emission and absorption of radiation.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
4Maximum Units  
4**PHYS 641 - Statistical Physics****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
641Course Title  
Statistical PhysicsDepartment(s)  
Physics**Description**

Maxwellian distribution of velocities, molecular motion, and temperature; elementary theory of the transport of momentum (viscosity), energy (heat), and matter (diffusion). Entropy and probability; Maxwell-Boltzmann statistics, equipartition of energy and classical theory of heat capacity of gases and solids. Bose-Einstein and Fermi-Dirac statistics; quantum theory of paramagnetism.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
4Maximum Units  
4**PHYS 645 - Solid State Physics****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
645Course Title  
Solid State PhysicsDepartment(s)  
Physics**Description**

Crystal structure and symmetry; crystal diffraction; crystal binding; phonons and lattice vibrations; thermal properties of insulators; free electron theory of metals; energy bands; Fermi surfaces; semiconductors; selected topics in superconductivity, dielectric properties, ferroelectricity, magnetism.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**PHYS 646 - Physics of Semiconductors****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
646Course Title  
Physics of SemiconductorsDepartment(s)  
Physics**Description**

Topics will include: Crystal structures; thermal and electric properties of crystals; semiconductors and semiconductor devices; low-dimensional systems; excitons in semiconductors and semiconductor nanostructures.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 651 - Foundations of Physics

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

651

**Course Title**

Foundations of Physics

**Department(s)**

Physics

**Description**

The course presents the fundamental physical principles and concepts in a manner intended to show the interrelatedness of the various basic courses given in the undergraduate curriculum; classical and quantum mechanics, electromagnetic theory, phenomenological and statistical thermodynamics, and the principle of special relativity. The treatment provides historical and philosophical perspective. Some of the topics discussed are: the nature of space and time, concepts of force, mass, and inertia, action-at-a-distance and field theories, indeterminateness, the role of probability, the unidirectional character of time, the foundations of special and general relativity, symmetry principles and conservation theorems, the dimensionless number, and cosmological considerations. The unsettled character of all topics discussed is emphasized.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## PHYS 657 - Introduction to Astrophysics

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

657

**Course Title**

Introduction to Astrophysics

**Department(s)**

Physics

**Description**

An introductory study of the spatial positions, movements, and constitutions of the stars, star clusters, and nebulae.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## PHYS 661 - Computational Methods in Physics

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

661

**Course Title**

Computational Methods in Physics

**Department(s)**

Physics

**Description**

A course in numerical methods of analysis and modeling of physical phenomena with focus on problems arising in electromagnetism, optics, and semiconductor physics. The topics include solving Maxwell equations using finite difference and the finite element methods, stochastic (Monte-Carlo) methods, the matrix eigenvalue problems. Students will be introduced to scientific and engineering computing based on Matlab and/or other similar platforms.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 671 - Modern Physics Laboratory

**Overview****Academic Institution**

QNS01

**Subject area**  
PHYS

**Catalog Number**  
671

**Course Title**  
Modern Physics Laboratory

**Department(s)**  
Physics

**Description**  
Experiments are selected from among the areas of atomic, nuclear, solid state, and molecular, physics. Students will learn basic experimental techniques used in modern university and industrial research laboratories, including how to use computers to interface with and control modern scientific instruments. Special attention will be paid to proper ways of collecting and analyzing experimental data. Students will compare the results of experiments with theoretical predictions and learn how to write scientific and technical reports.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
2	2

## PHYS 672 - Photonics Laboratory

### Overview

**Academic Institution**  
QNS01

**Subject area**  
PHYS

**Catalog Number**  
672

**Course Title**  
Photonics Laboratory

**Department(s)**  
Physics

**Description**  
In this lab students will design and carry out experiments related to the fields of optics and photonics. They will learn basic experimental skills required to work with various optical instruments and components (lasers, optical fibers, filters, spectrometers, etc.) Special attention will be paid to proper ways of collecting and analyzing experimental data. Students will compare the results of experiments with theoretical predictions and learn how to write scientific and technical reports, and to safety procedures.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
2	2

## PHYS 673 - Microwave Instrumentation Laboratory

### Overview

**Academic Institution**  
QNS01

**Subject area**  
PHYS

**Catalog Number**  
673

**Course Title**  
Microwave Instrumentation Laboratory

**Department(s)**  
Physics

**Description**  
The course will cover principles of operation of microwave antennas, waveguides, amplifiers and couplers. Measurements of propagation will be made in homogeneous and disordered single mode and overmoded waveguides. These experiments will be carried out with use of a microwave vector network analyzer. Measurements will be controlled, collected and analyzed with use of the MATLAB programming language.

**Academic Career**  
Graduate

**Liberal Arts**  
No

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
2	2

## PHYS 674 - Laboratory in Laser and Fiber Optics Technology

### Overview

**Academic Institution**  
QNS01

**Subject area**  
PHYS

**Catalog Number**  
674

**Course Title**  
Laboratory in Laser and Fiber Optics Technology

**Department(s)**  
Physics

**Description**  
This laboratory course will cover topics of laser technology, laser amplifiers, processing and characterization of optical fibers, and characterization of opto-electronic devices. The students will learn both theoretical and practical aspects of those technologies as well as how to use precision electronic instruments for characterization of opto-electronics devices.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

## PHYS 675 - Microfabrication and Growth Techniques

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

675

**Course Title**

Microfabrication and Growth Techniques

**Department(s)**

Physics

**Description**

This hands-on course will teach students tools for the design of micro and nanostructured optical elements and devices. Students will learn aspects of computational design of optical elements, microfabrication and testing. The course will consist of three consecutive modules: 1) Device design with Lumerical and Zemax, 2) Techniques for micro and nanofabrication, including photolithography, e-beam lithography, thin-film growth (e-beam and thermal evaporation, sputtering, plasma enhanced chemical vapor deposition, atomic layer deposition), and dry and wet etching. 3) Experimental characterization of the fabricated devices in a photonics lab environment.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 676 - Foundation of Growth Techniques

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

676

**Course Title**

Foundation of Growth Techniques

**Department(s)**

Physics

**Description**

Topics include: basics of vacuum science and technology, thermodynamics and kinetics of growth, introduction to phase diagrams, bulk growth and thin film growth, including physical vapor deposition (PVE), hydride PVE, chemical vapor deposition (CVD), pulsed laser deposition (PLD), molecular beam epitaxy (MBE), and atomic layer deposition (ALD). Students will learn basics of materials science, physics, and instrumentation required to "grow" various materials with the emphasis on semiconductor thin films.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 680 - Internship I

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

680

**Course Title**

Internship I

**Department(s)**

Physics

**Description**

The goal of this course is to provide students with practical experience at an industrial company specializing in providing photonics related services or fabricating photonic related products. A student works at the site of the company (or approved research lab) during the summer months after the completion of the first year of the program under supervision of a company's representative and in coordination with an assigned faculty member. The work is carried out according to a plan approved by both faculty and industry supervisor. Students taking this course are expected to keep records of their daily activities and present a final report approved by the company's representative. Grading will be on the Pass/Fail basis and will be based on the provided records of daily activities and final report.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

## PHYS 681 - Internship II

### Overview

#### Academic Institution

QNS01

#### Subject area

PHYS

#### Catalog Number

681

#### Course Title

Internship II

#### Department(s)

Physics

#### Description

This course is the continuation of Phys. 680 and can only be taken in conjunction with the latter and at the same internship site. Permission to take this course will be granted only to those students who declare their intention to take it at the time of registration for Phys. 680. Students taking this course will work three days a week during the fall semester of the 2nd year of the program. This course can be taken instead of Phys. 672. The student works under supervision of a company's representative and in coordination with an assigned faculty member. The work is carried out according to a plan approved by both faculty and industry supervisor. Students taking this course are expected to keep records of their daily activities and present a final report approved by the company's representative. Grading will be on the Pass/Fail basis and will be based on the provided records of daily activities and final report.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

2

#### Maximum Units

2

## PHYS 699 - Introduction to Management of Scientific and Engineering Projects

### Overview

#### Academic Institution

QNS01

#### Subject area

PHYS

#### Catalog Number

699

#### Course Title

Introduction to Management of Scientific and Engineering Projects

#### Department(s)

Physics

#### Description

In this course, students become familiar with formal approaches to management of scientific, R&D and engineering projects. They learn how to formulate clear objectives for the project, organize communication between project's participants, formulate requirements, design implementation of the project, establish quality control, identify and weigh risks. They will also be introduced to financial aspects of project management such as investment decision rules, fundamentals of capital budgeting and cash flow analysis.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PHYS 701 - Mathematical Methods in Physics

### Overview

#### Academic Institution

QNS01

#### Subject area

PHYS

#### Catalog Number

701

#### Course Title

Mathematical Methods in Physics

#### Department(s)

Physics

#### Description

Topics in complex variables; perturbation and variational methods of solution of differential equations; Green's functions; eigenfunction expansions; integral transforms; integral equations; difference equations, linear algebra; Hilbert space; tensor analysis; group theory; higher algebra; numerical methods for solving equations.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

4

#### Maximum Units

4

## PHYS 702 - Mathematical Methods in Physics

### Overview

#### Academic Institution

QNS01

#### Subject area

PHYS

#### Catalog Number

702

#### Course Title

Mathematical Methods in Physics

#### Department(s)

Physics



**Description**

Topics in complex variables; perturbation and variational methods of solution of differential equations; Green's functions; eigenfunction expansions; integral transforms; integral equations; difference equations, linear algebra; Hilbert space; tensor analysis; group theory; higher algebra; numerical methods for solving equations.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
4	4

**PHYS 711 - Analytical Dynamics**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHYS	711

**Course Title**  
Analytical Dynamics

**Department(s)**  
Physics

**Description**  
The Lagrangian formulation including Hamilton's principle; Lagrange equations; central force motion; Kepler problems, scattering; rigid body motion; transformation matrices, Eulerian angles, inertia tensor. The Hamiltonian formulation including canonical equations; canonical transformations; Hamilton-Jacobi theory. Small oscillations. Continuous systems and fields. Relativistic dynamics.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
4	4

**PHYS 715 - Electromagnetic Theory**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHYS	715

**Course Title**

Electromagnetic Theory

**Department(s)**  
Physics

**Description**

Electrostatics, magnetostatics, and boundary value problems; Maxwell's equations; multipole radiation; radiation from accelerated charges; scattering theory; special theory of relativity.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
4	4

**PHYS 716 - Electromagnetic Theory.**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHYS	716

**Course Title**  
Electromagnetic Theory.

**Department(s)**  
Physics

**Description**  
Electrostatics, magnetostatics, and boundary value problems; Maxwell's equations; multipole radiation; radiation from accelerated charges; scattering theory; special theory of relativity.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
4	4

**PHYS 725 - Quantum Mechanics**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PHYS	725

**Course Title**

Quantum Mechanics

**Department(s)**

Physics

**Description**

Historical foundations. The Schrödinger formulation. Wave packets and uncertainty principle. Harmonic oscillator and potential barrier problems. W.K.B. approximation. Operators and eigenfunction. Central forces and orbital angular momentum. Scattering: Born approximation, partial waves. Linear vector spaces. The Heisenberg formulation. Spin and total angular momentum. Perturbation theory: bound state, time-dependent. Systems of identical particles. Introduction to relativistic quantum mechanics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 726 - Quantum Mechanics

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

726

**Course Title**

Quantum Mechanics

**Department(s)**

Physics

**Description**

Historical foundations. The Schrödinger formulation. Wave packets and uncertainty principle. Harmonic oscillator and potential barrier problems. W.K.B. approximation. Operators and eigenfunction. Central forces and orbital angular momentum. Scattering: Born approximation, partial waves. Linear vector spaces. The Heisenberg formulation. Spin and total angular momentum. Perturbation theory: bound state, time-dependent. Systems of identical particles. Introduction to relativistic quantum mechanics.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 730 - Atomic Physics

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

730

**Course Title**

Atomic Physics

**Department(s)**

Physics

**Description**

Spin systems, angular momentum, spectra. Atomic beam resonance, nuclear magnetic resonance (NMR), electronic paramagnetic resonance (EPR), optical pumping, scattering, lasers.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

## PHYS 731 - X-ray Diffraction

**Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

731

**Course Title**

X-ray Diffraction

**Department(s)**

Physics

**Description**

The theory of X-ray diffraction and its application to the study of the structure of matter. Topics to be considered will include the physics of X-rays, the geometry of crystals and of X-ray reflections, the theory of X-ray diffraction, techniques for the production and interpretation of X-ray diffraction data, and crystal structure determination.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## PHYS 734 - Introduction to Relativity

### Overview

#### Academic Institution

QNS01

#### Subject area

PHYS

#### Catalog Number

734

#### Course Title

Introduction to Relativity

#### Department(s)

Physics

#### Description

A short exposition on the foundation of the special and general theories of relativity. Topics include foundation of special relativity; relativistic particle dynamics in flat space time; differential geometry; the physical and mathematical foundations of Einstein's theory of gravitation; the Cauchy problem of field equations; the spherically symmetric field and its topology; the classical experimental tests; variational principle and conservation laws; equation of motion; gravitational waves; cosmology and gravitational collapse.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

4

#### Maximum Units

4

## PHYS 735 - Nuclear Physics

### Overview

#### Academic Institution

QNS01

#### Subject area

PHYS

#### Catalog Number

735

#### Course Title

Nuclear Physics

#### Department(s)

Physics

#### Description

Properties of stable nuclei; isotopes; mass formula; interactions with matter; methods of detection; nuclear moments. Alpha decay; gamma emission; level structure; nuclear models. Low-energy nucleon-nucleon scattering, the deuteron, photodisintegration, tensor and exchange forces, isotopic spin.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

4

#### Maximum Units

4

## PHYS 736 - Particle Physics

### Overview

#### Academic Institution

QNS01

#### Subject area

PHYS

#### Catalog Number

736

#### Course Title

Particle Physics

#### Department(s)

Physics

#### Description

Pi mesons, pion nucleon scattering, resonance. Hadron level systematics and decays, effective Hamiltonians, electromagnetic interactions and form factors, higher symmetries. Scattering at very high energies. Weak interactions, beta decay, discrete symmetries, T.C.P. Weak interactions of pions and Kaons. Coherent regeneration, conserved vector current. Leptonic decays of baryons, nonleptonic decays.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

4

#### Maximum Units

4

## PHYS 741 - Statistical Mechanics

### Overview

#### Academic Institution

QNS01

#### Subject area

PHYS

#### Catalog Number

741

#### Course Title

Statistical Mechanics

#### Department(s)

Physics

#### Description

Probability theory, ensembles, approach to equilibrium, quantum and classical ideal and non-ideal gases, cooperative phenomena, density matrices, averages and fluctuations, and other selected topics, such as time-temperature, Green's functions, non-zero temperature variational and perturbation methods.

#### Academic Career

Graduate

#### Liberal Arts

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**PHYS 745 - Solid State Physics****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

745

**Course Title**

Solid State Physics

**Department(s)**

Physics

**Description**

Principles of crystallography; crystal structure; lattice vibrations, band theory, and defects; study of ionic crystals, dielectrics, magnetism, and free electron theory of metals and semiconductors.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**PHYS 748 - Theory of Relativity and Gravitation.****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

748

**Course Title**

Theory of Relativity and Gravitation.

**Department(s)**

Physics

**Description**

An exposition of the fundamentals of the special and general theories of relativity and their applications to cosmology. Topics include foundations of special relativity; formulation of physical theories in flat space-time; relativistic particle and continuum mechanics, electrodynamics and classical field theory, an introduction to differential geometry and topology; foundations of Einstein's theory of gravity; exact and approximate solutions; observational tests; variational

principle; conservation laws; initial-value data and stability; ponderomotive equations; gravitational radiation; introduction to relativistic stars, cosmological models, gravitational collapse, and black holes; other theories of gravity.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**PHYS 749 - Theory of Relativity and Gravitation.****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

749

**Course Title**

Theory of Relativity and Gravitation.

**Department(s)**

Physics

**Description**

An exposition of the fundamentals of the special and general theories of relativity and their applications to cosmology. Topics include foundations of special relativity; formulation of physical theories in flat space-time; relativistic particle and continuum mechanics, electrodynamics and classical field theory, an introduction to differential geometry and topology; foundations of Einstein's theory of gravity; exact and approximate solutions; observational tests; variational principle; conservation laws; initial-value data and stability; ponderomotive equations; gravitational radiation; introduction to relativistic stars, cosmological models, gravitational collapse, and black holes; other theories of gravity.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**PHYS 750 - Plasma Physics****Overview****Academic Institution**

QNS01

**Subject area**  
PHYS

**Catalog Number**  
750

**Course Title**  
Plasma Physics

**Department(s)**  
Physics

#### Description

The first semester will cover such topics as the motion of charged particles in electromagnetic fields via the guiding center approximation; a discussion of adiabatic invariance and particle motion in fields with spatial symmetry; the Liouville equation and the BBGKY hierarchy in the plasma limit; the Balescu-Lenard equation; the derivation of the Vlasov equation; the plasma moment equations; and plasma transport phenomena. The second semester will deal with waves in cold, uniform plasmas; the application of the Vlasov equation to waves in warm plasmas; Landau damping; instabilities; waves in spatially non-uniform plasmas; and the description of turbulent plasmas and associated transport processes (anomalous diffusion, collisionless dissipation, etc.). The topics of both semesters will be discussed in relation to the problems of achieving controlled thermonuclear fusions and the understanding of geophysical and astrophysical plasma phenomena.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

#### Credits

**Minimum Units**  
4

**Maximum Units**  
4

## PHYS 751 - Plasma Physics

### Overview

**Academic Institution**  
QNS01

**Subject area**  
PHYS

**Catalog Number**  
751

**Course Title**  
Plasma Physics

**Department(s)**  
Physics

#### Description

The first semester will cover such topics as the motion of charged particles in electromagnetic fields via the guiding center approximation; a discussion of adiabatic invariance and particle motion in fields with spatial symmetry; the Liouville equation and the BBGKY hierarchy in the plasma limit; the Balescu-Lenard equation; the derivation of the Vlasov equation; the plasma moment equations; and plasma transport phenomena. The second semester will deal with waves in cold, uniform plasmas; the application of the Vlasov equation to waves in warm plasmas; Landau damping; instabilities; waves in spatially non-uniform plasmas; and the description of turbulent plasmas and associated transport processes (anomalous diffusion, collisionless dissipation, etc.). The topics of both semesters will be discussed in relation to the problems of achieving controlled thermonuclear fusions and the understanding of geophysical and astrophysical plasma phenomena.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

#### Credits

**Minimum Units**  
4

**Maximum Units**  
4

## PHYS 760 - Cosmology

### Overview

**Academic Institution**  
QNS01

**Subject area**  
PHYS

**Catalog Number**  
760

**Course Title**  
Cosmology

**Department(s)**  
Physics

#### Description

The first semester will cover such topics as the motion of charged particles in electromagnetic fields via the guiding center approximation; a discussion of adiabatic invariance and particle motion in fields with spatial symmetry; the Liouville equation and the BBGKY hierarchy in the plasma limit; the Balescu-Lenard equation; the derivation of the Vlasov equation; the plasma moment equations; and plasma transport phenomena. The second semester will deal with waves in cold, uniform plasmas; the application of the Vlasov equation to waves in warm plasmas; Landau damping; instabilities; waves in spatially non-uniform plasmas; and the description of turbulent plasmas and associated transport processes (anomalous diffusion, collisionless dissipation, etc.). The topics of both semesters will be discussed in relation to the problems of achieving controlled thermonuclear fusions and the understanding of geophysical and astrophysical plasma phenomena.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

#### Credits

**Minimum Units**  
4

**Maximum Units**  
4

## PHYS 771 - Graduate Physics Laboratory

### Overview

**Academic Institution**  
QNS01

**Subject area**  
PHYS

**Catalog Number**  
771

**Course Title**

Graduate Physics Laboratory

**Department(s)**

Physics

**Description**

Advanced experimental work in one or more fields of physics, including the planning of experiments, the design and construction of apparatus, and the evaluation of experimental results in the fields of optics, X-rays, electronics, and atomic and nuclear physics. A student may obtain from 2 to 6 credits starting with PHYS 771. Two courses of the group may be taken concurrently.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**PHYS 772 - Graduate Physics Laboratory****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

772

**Course Title**

Graduate Physics Laboratory

**Department(s)**

Physics

**Description**

Advanced experimental work in one or more fields of physics, including the planning of experiments, the design and construction of apparatus, and the evaluation of experimental results in the fields of optics, X-rays, electronics, and atomic and nuclear physics. A student may obtain from 2 to 6 credits starting with PHYS 771. Two courses of the group may be taken concurrently.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**PHYS 773 - Graduate Physics Laboratory****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

773

**Course Title**

Graduate Physics Laboratory

**Department(s)**

Physics

**Description**

Advanced experimental work in one or more fields of physics, including the planning of experiments, the design and construction of apparatus, and the evaluation of experimental results in the fields of optics, X-rays, electronics, and atomic and nuclear physics. A student may obtain from 2 to 6 credits starting with PHYS 771. Two courses of the group may be taken concurrently.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**PHYS 781 - Theory of Quantum Liquids****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

781

**Course Title**

Theory of Quantum Liquids

**Department(s)**

Physics

**Description**

The theory of liquids covering such topics as neutral Fermi liquids; response and correlation in neutral systems; charged Fermi liquids; response and correlation in homogeneous electron systems, microscopic theory of electron liquid; second quantization, Green's functions.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
4Maximum Units  
4**PHYS 782 - Cryophysics****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
782Course Title  
CryophysicsDepartment(s)  
Physics**Description**

A course designed to present and to interpret the quantum effects occurring near the absolute zero of temperature. Topics to be considered include principles and methods of attaining and measuring very low temperatures, thermal and magnetic properties of matter at these temperatures, nuclear paramagnetism, superconductivity, and the phenomena and theories of liquid Helium Four and Three.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**PHYS 788 - Cooperative Education Placement****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
788Course Title  
Cooperative Education PlacementDepartment(s)  
Physics**Description**

Experiential learning through a job placement developed by the Queens College Cooperative Education Program.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**PHYS 7881 - Cooperative Education Placement****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
7881Course Title  
Cooperative Education PlacementDepartment(s)  
Physics**Description**

Experiential learning through a job placement developed by the Queens College Cooperative Education Program.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
1Maximum Units  
1**PHYS 7882 - Coop Educ Placement****Overview**Academic Institution  
QNS01Subject area  
PHYSCatalog Number  
7882Course Title  
Coop Educ PlacementDepartment(s)  
Physics**Description**

Experiential learning through a job placement developed by the Queens College Cooperative Education Program.

Academic Career  
GraduateLiberal Arts  
Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**PHYS 7883 - Coop Educ Placement****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

7883

**Course Title**

Coop Educ Placement

**Department(s)**

Physics

**Description**

Experiential learning through a job placement developed by the Queens College Cooperative Education Program.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**PHYS 7884 - Coop Educ Placement****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

7884

**Course Title**

Coop Educ Placement

**Department(s)**

Physics

**Description**

Experiential learning through a job placement developed by the Queens College Cooperative Education Program.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**PHYS 7885 - Coop Educ Placement****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

7885

**Course Title**

Coop Educ Placement

**Department(s)**

Physics

**Description**

Experiential learning through a job placement developed by the Queens College Cooperative Education Program.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

5

**Maximum Units**

5

**PHYS 791 - Colloquium****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

791

**Course Title**

Colloquium

**Department(s)**

Physics

**Description**

Attendance at all of the physics colloquia for one semester is required. A report, discussing the topics selected by the supervisor, must be submitted. This course may be taken in 2 different semesters for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes



**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

**PHYS 798 - Thesis****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

798

**Course Title**

Thesis

**Department(s)**

Physics

**Description**

Preparation and oral defense of a thesis under the guidance of a faculty mentor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**PHYS 7991 - Graduate Research****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

7991

**Course Title**

Graduate Research

**Department(s)**

Physics

**Description**

A course requiring investigation in depth of a field approved by the Graduate Physics Committee. Units of this course may be repeated to a maximum of 12 credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

**PHYS 7992 - Graduate Research****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

7992

**Course Title**

Graduate Research

**Department(s)**

Physics

**Description**

A course requiring investigation in depth of a field approved by the Graduate Physics Committee. Units of this course may be repeated to a maximum of 12 credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

**PHYS 7993 - Graduate Research****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

7993

**Course Title**

Graduate Research

**Department(s)**

Physics

**Description**

A course requiring investigation in depth of a field approved by the Graduate Physics Committee. Units of this course may be repeated to a maximum of 12 credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**PHYS 7994 - Graduate Research****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

7994

**Course Title**

Graduate Research

**Department(s)**

Physics

**Description**

A course requiring investigation in depth of a field approved by the Graduate Physics Committee. Units of this course may be repeated to a maximum of 12 credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

4

**Maximum Units**

4

**PHYS 7995 - Graduate Research****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

7995

**Course Title**

Graduate Research

**Department(s)**

Physics

**Description**

A course requiring investigation in depth of a field approved by the Graduate Physics Committee. Units of this course may be repeated to a maximum of 12 credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

5

**Maximum Units**

5

**PHYS 7996 - Graduate Research****Overview****Academic Institution**

QNS01

**Subject area**

PHYS

**Catalog Number**

7996

**Course Title**

Graduate Research

**Department(s)**

Physics

**Description**

A course requiring investigation in depth of a field approved by the Graduate Physics Committee. Units of this course may be repeated to a maximum of 12 credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

6

**Maximum Units**

6

**PSCI 610 - Western Political Thought****Overview****Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

610

**Course Title**

Western Political Thought

**Department(s)**

Political Science

**Description**

The basic ideas and systems of Western political thought from Plato through Marx.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 630 - Contemporary Comparative Government

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	630

**Course Title**  
Contemporary Comparative Government

**Department(s)**  
Political Science

**Description**  
Governmental structures, ideological foundations, and the functioning of political institutions in selected European states. Prof. Schneider.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 640 - Public Administration

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	640

**Course Title**  
Public Administration

**Department(s)**  
Political Science

**Description**  
Problems of organization and process: the administrator as manager; decision-making and information flow; administrative powers; procedural safeguards, authority, status, and leadership; internal politics and bureaucracy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 651 - Government of the City of New York

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	651

**Course Title**  
Government of the City of New York

**Department(s)**  
Political Science

**Description**  
The government of the City of New York and its role in the metropolitan area; its relationship to the state and the federal government. Impact of economic and social forces on the political process. Prof. Krasner.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 660 - International Politics

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	660

**Course Title**  
International Politics

**Department(s)**  
Political Science

**Description**  
Basic factors in international politics and the struggle for power and order in world politics. Prof. Ofuatey-Kodjoe.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 701 - Ancient & Medieval Political Thought

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	701

**Course Title**  
Ancient & Medieval Political Thought

**Department(s)**  
Political Science

**Description**  
An examination, both analytical and historical, of the principal political thinkers from Plato to Machiavelli.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 702 - Modern Political Thought

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	702

**Course Title**  
Modern Political Thought

**Department(s)**  
Political Science

**Description**  
An examination, both analytical and historical, of the principal political thinkers from the sixteenth through nineteenth centuries.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 710 - Twentieth-Century Political Thought

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	710

**Course Title**  
Twentieth-Century Political Thought

**Department(s)**  
Political Science

**Description**  
An examination of theories of the state in modern society; leading political ideas of the twentieth century; contrasts between democratic and nondemocratic concepts.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 713 - Seminar in Theory and Method of Political Science

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	713

**Course Title**  
Seminar in Theory and Method of Political Science

**Department(s)**  
Political Science

**Description**  
An eclectic approach to the problems of theory and method in the study of government and politics; alternative patterns of analysis of political behavior. Required of all students. Prof. Bowman.

**Academic Career**  
Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**PSCI 714 - Theory of Democratic Socialism and Communism**

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

714

**Course Title**

Theory of Democratic Socialism and Communism

**Department(s)**

Political Science

**Description**

The influence of nineteenth-century antecedents on Marx and of Marx himself through Plekanov, Lenin, Trotsky, and Stalin to the present.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**PSCI 715 - Organization Theory**

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

715

**Course Title**

Organization Theory

**Department(s)**

Political Science

**Description**

Theories of organization; special problems regarding public organizations; concepts of authority, hierarchy, status, and leadership.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**PSCI 720 - United States Constitutional Law I**

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

720

**Course Title**

United States Constitutional Law I

**Department(s)**

Political Science

**Description**

The relation of the judicial process and constitutional law to the political process in the United States: judicial review, federalism, separation and delegation of powers.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**PSCI 721 - United States Constitutional Law II**

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

721

**Course Title**

United States Constitutional Law II

**Department(s)**

Political Science

**Description**

Civil liberties, civil rights, due process, equal protection of the laws. Prof. Nesbitt.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 730 - The United States Party System.

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	730

**Course Title**  
The United States Party System.

**Department(s)**  
Political Science

**Description**  
The nature and functions of United States political parties and interest groups, their growth, the electoral process, organization and leadership, decision-making.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 731 - Policy Formulation in the United States Government.

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	731

**Course Title**  
Policy Formulation in the United States Government.

**Department(s)**  
Political Science

**Description**  
Changing nature of federalism and of the separation of powers as related to major problems facing the United States today. Prof. Altenstetter.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 732 - The Presidency in the United States

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	732

**Course Title**  
The Presidency in the United States

**Department(s)**  
Political Science

**Description**  
An analysis of the office and its incumbent; the institution of the presidency.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 733 - The Legislative Process in the United States.

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	733

**Course Title**  
The Legislative Process in the United States.

**Department(s)**  
Political Science

**Description**  
The functions of Congress and the state legislatures: bases of representation; internal politics; procedures; interest groups; controls.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 735 - Politics and Public Opinion Formation

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	735

**Course Title**  
Politics and Public Opinion Formation

**Department(s)**  
Political Science

**Description**  
The role of public opinion in differing political systems: the formation of opinion; political socialization; interest groups; leaders and political behavior. A study of mass media of communications.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 736 - Public Policy Analysis

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	736

**Course Title**  
Public Policy Analysis

**Department(s)**  
Political Science

**Description**  
This course will review the important theories of the policy process with special attention to their application in an urban setting.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 741 - Administrative Law and Regulation

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	741

**Course Title**  
Administrative Law and Regulation

**Department(s)**  
Political Science

**Description**  
Study of the requirements of procedural due process.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 744 - Government and Defense

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSCI	744

**Course Title**  
Government and Defense

**Department(s)**  
Political Science

**Description**  
Selected problems of national security in the space age: civil-military relations; individual liberties; the mobilization base; budgetary problems.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 747 - Metropolitan Areas and Community Power Analysis.

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	747

Course Title  
Metropolitan Areas and Community Power Analysis.

Department(s)  
Political Science

Description  
The urban power structure and metropolitan complex: adjustment of governmental services to the metropolitan social and economic community. Prof. Krasner.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 748 - Planning for Metropolitan Areas

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	748

Course Title  
Planning for Metropolitan Areas

Department(s)  
Political Science

Description  
The planning process in metropolitan governments. Emphasis on regional problems as well as on special planning problems of the New York metropolitan area.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 760 - United States Foreign Policy

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	760

Course Title  
United States Foreign Policy

Department(s)  
Political Science

Description  
Analysis of domestic factors affecting the determination and conduct of U. S. foreign policy. Prof. Psomiades, Prof. Krasner.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 762 - International Organization

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	762

Course Title  
International Organization

Department(s)  
Political Science

Description  
Analysis of the major global and regional international organizations; emphasis placed on the United Nations systems.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required



### Credits

Minimum Units	Maximum Units
3	3

## PSCI 763 - International Law.

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PSCI	763

**Course Title**  
International Law.

**Department(s)**  
Political Science

**Description**  
The nature, sources, and development of international law; the role and function of law in international society.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 764 - Post-Soviet Foreign Policy

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PSCI	764

**Course Title**  
Post-Soviet Foreign Policy

**Department(s)**  
Political Science

**Description**  
Topics include continuity and change, ideology and national interest, power considerations, the present situation and future prospects.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 765 - The International Politics of Africa

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PSCI	765

**Course Title**  
The International Politics of Africa

**Department(s)**  
Political Science

**Description**  
An examination of Africa's politics against the background of its changing political and social system. Prof. Markovitz, Prof. Ofuatey-Kodjoe.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 766 - Changing Concepts and Practices in International Cooperation

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
PSCI	766

**Course Title**  
Changing Concepts and Practices in International Cooperation

**Department(s)**  
Political Science

**Description**  
Recent developments in international responsibility, especially in the fields of welfare and justice; human rights, minorities and cultural autonomy, forced migration and exchange of populations, refugees, genocide, health. Prof. Gerassi.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 767 - Western and Post-Soviet Impacts on Underdeveloped Areas.

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	767

Course Title  
Western and Post-Soviet Impacts on Underdeveloped Areas.

Department(s)  
Political Science

Description  
The problems arising from the impact of Western and Marxist ideas, policies, and political institutions on underdeveloped areas will be examined in the framework of Great Powers' competition within the less developed parts of the world. Prof. Gerassi.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 768 - Post-Soviet Union and Eastern Europe.

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	768

Course Title  
Post-Soviet Union and Eastern Europe.

Department(s)  
Political Science

Description  
An analysis of the relationship between members of the former Communist bloc in Eastern Europe.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 770 - Political Problems in the Development of Western and Non-Western States and Societies.

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	770

Course Title  
Political Problems in the Development of Western and Non-Western States and Societies.

Department(s)  
Political Science

Description  
Selected problems of political stability; representative institutions; parties; the military and the bureaucracy. Prof. Markovitz.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 7711 - Political Systems in Developing Areas: Regional Analysis-South and Southeast Asia

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	7711

Course Title  
Political Systems in Developing Areas: Regional Analysis-South and Southeast Asia

Department(s)  
Political Science

Description  
Political modernization of developing areas; process of transition from traditionalism to modernism; developing political institutions and changing political processes considered in specific regions

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PSCI 7712 - Political Systems in Developing Areas: Regional Analysis - Far East

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

7712

**Course Title**

Political Systems in Developing Areas: Regional Analysis - Far East

**Department(s)**

Political Science

**Description**

Political modernization of developing areas; process of transition from traditionalism to modernism; developing political institutions and changing political processes considered in specific regions

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PSCI 7713 - Political Systems in Developing Areas: Regional Analysis - Middle East

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

7713

**Course Title**

Political Systems in Developing Areas: Regional Analysis - Middle East

**Department(s)**

Political Science

**Description**

Political modernization of developing areas; process of transition from traditionalism to modernism; developing political institutions and changing political processes considered in specific regions

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PSCI 7714 - Political Systems in Developing Areas: Regional Analysis - Africa South of the Sahara

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

7714

**Course Title**

Political Systems in Developing Areas: Regional Analysis - Africa South of the Sahara

**Department(s)**

Political Science

**Description**

Political modernization of developing areas; process of transition from traditionalism to modernism; developing political institutions and changing political processes considered in specific regions

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PSCI 7715 - Political Systems in Developing Areas: Regional Analysis - North Africa

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

7715

**Course Title**

Political Systems in Developing Areas: Regional Analysis - North Africa

**Department(s)**

Political Science

**Description**

Political modernization of developing areas; process of transition from traditionalism to modernism; developing political institutions and changing political processes considered in specific regions.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

**PSCI 7716 - Political Systems in Developing Areas: Regional Analysis - Latin America**

**Overview**

Academic Institution

QNS01

Subject area

PSCI

Catalog Number

7716

Course Title

Political Systems in Developing Areas: Regional Analysis - Latin America

Department(s)

Political Science

Description

Political modernization of developing areas; process of transition from traditionalism to modernism; developing political institutions and changing political processes considered in specific regions

Academic Career

Graduate

Liberal Arts

Yes

Permission Type

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

**PSCI 7721 - Political Systems of Western European States - Great Britain**

**Overview**

Academic Institution

QNS01

Subject area

PSCI

Catalog Number

7721

Course Title

Political Systems of Western European States - Great Britain

Department(s)

Political Science

Description

Analysis of the political system of a European state. Each state will be treated in a separate course.

Academic Career

Graduate

Liberal Arts

Yes

Permission Type

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

**PSCI 7722 - Political Systems of Western European States - France**

**Overview**

Academic Institution

QNS01

Subject area

PSCI

Catalog Number

7722

Course Title

Political Systems of Western European States - France

Department(s)

Political Science

Description

Analysis of the political system of a European state. Each state will be treated in a separate course.

Academic Career

Graduate

Liberal Arts

Yes

Permission Type

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

## PSCI 7723 - Political Systems of Western European States - Germany

### Overview

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

7723

**Course Title**

Political Systems of Western European States - Germany

**Department(s)**

Political Science

**Description**

Analysis of the political system of a European state. Each state will be treated in a separate course.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## PSCI 773 - Post-Soviet Political Institutions

### Overview

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

773

**Course Title**

Post-Soviet Political Institutions

**Department(s)**

Political Science

**Description**

An analysis of the theory and practice of Post-Soviet political institutions: the party, government, army, bureaucracy, and law.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## PSCI 776 - Comparative Public Administration.

### Overview

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

776

**Course Title**

Comparative Public Administration.

**Department(s)**

Political Science

**Description**

A comparative analysis of different bureaucratic structures and processes in the industrialized and developing areas of the world.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## PSCI 777 - Comparative Federalism

### Overview

**Academic Institution**

QNS01

**Subject area**

PSCI

**Catalog Number**

777

**Course Title**

Comparative Federalism

**Department(s)**

Political Science

**Description**

Theories of federalism and the problems of centralization and decentralization; cooperative federalism and regional arrangements; administrative relationships, cultural factors in a federal union. Prof. Altenstetter.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## PSCI 780 - Colloquium in American Politics

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	780

Course Title  
Colloquium in American Politics

Department(s)  
Political Science

Description  
Content will vary from semester to semester. May be repeated for credit once if the content changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 781 - Colloquium in Comparative Politics

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	781

Course Title  
Colloquium in Comparative Politics

Department(s)  
Political Science

Description  
Content will vary from semester to semester. May be repeated for credit once if the content changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 782 - Colloquium in Political Theory

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	782

Course Title  
Colloquium in Political Theory

Department(s)  
Political Science

Description  
Content will vary from semester to semester. May be repeated for credit once if the content changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 783 - Colloquium in International Relations.

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
PSCI	783

Course Title  
Colloquium in International Relations.

Department(s)  
Political Science

Description  
Content will vary from semester to semester. May be repeated for credit once if the content changes.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSCI 791 - Thesis Research

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
PSCI                                      791

**Course Title**  
Thesis Research

**Department(s)**  
Political Science

**Description**  
Preparation of an acceptable master's thesis under faculty supervision. Required of all candidates for the master's degree in political science. A candidate will register for the course once and credit will not be granted until the thesis is accepted.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## PSYCH 700 - History of Psychology

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
PSYCH                                      700

**Course Title**  
History of Psychology

**Department(s)**  
Psychology

**Description**  
Modern psychological problems are seen in historical perspective. Topics include the mind-body problem, motivation and empiricism, hedonism and reinforcement, hypnotism and spiritualism, psychophysiology and psychopathology. The nineteenth- and twentieth-century schools of psychology "structuralism, functionalism, Gestalt, psychoanalysis, and behaviorism" are reviewed, as are the contributions of philosophers and physical, biological, and social scientists.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## PSYCH 701 - Advanced Experimental Psychology I

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
PSYCH                                      701

**Course Title**  
Advanced Experimental Psychology I

**Department(s)**  
Psychology

**Description**  
A detailed examination and analysis of the ways in which experimental inquiry approaches psychological questions. The problems and paradigms typical of the various areas of the field are studied, and experiments from the literature scrutinized. Particular attention is paid to potential sources of error and problems of control in different kinds of experiments and to the use of experimental design to minimize error. MA students will undertake an original research study to fulfill the laboratory requirement.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
4    4

## PSYCH 70310 - Design of Psychological Research.

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
PSYCH                                      70310

**Course Title**  
Design of Psychological Research.

**Department(s)**  
Psychology

**Description**  
An intensive examination of experimental research methodology. Prior approval of the research project by both the Faculty advisor and the MA advisor is required before registering. Individual research projects.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PSYCH 7041 - Neuroscience Methods I: Statistics and Research Design

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7041

**Course Title**

Neuroscience Methods I: Statistics and Research Design

**Department(s)**

Psychology

**Description**

This course focuses on principles of designing rigorous experiments and basic statistical tools used test and support inferences and conclusions draw from data.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PSYCH 7042 - Neuroscience Methods II: Quantitative Tools in Neuroscience

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7042

**Course Title**

Neuroscience Methods II: Quantitative Tools in Neuroscience

**Department(s)**

Psychology

**Description**

Pre req: Psych 7041. Building on the methods and design principles in 704.1, this course will provide a survey of quantitative tools in neuroscience research. Statistical methods will be reviewed with a focus on their appropriateness and rigor in the context of common neuroscience designs, addressing questions of power, robustness and repeatability. A critical perspective will be emphasized, identifying current challenges and critiques of statistical methods in the neuroscience field. Students will learn R as a tool for analysis and data visualization.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## PSYCH 705 - Statistical Methods in Psychology I

**Overview**

**Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

705

**Course Title**

Statistical Methods in Psychology I

**Department(s)**

Psychology

**Description**

Descriptive and inferential statistics, including t-tests, correlation, chi square, tests of normality, and distribution-free procedures. Other topics include independent groups, repeated measures and factorial ANOVA, multiple comparisons, multiple regression and ANCOVA.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3



## PSYCH 706 - Statistical Methods in Psychology II

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

706

#### Course Title

Statistical Methods in Psychology II

#### Department(s)

Psychology

#### Description

Multivariate methods including MANOVA, factor analysis, canonical correlations, discriminant functions analysis, and related topics.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 7081 - Basic Neuroscience: Neuroanatomy

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

7081

#### Course Title

Basic Neuroscience: Neuroanatomy

#### Department(s)

Psychology

#### Description

This course, typically taken in conjunction with PSYCH 708.2, Basic Neuroscience: Neurophysiology and PSYCH 708.3, Basic Neuroscience: Psychopharmacology, introduces students to the organizational structure of the human brain. Lectures include slide materials of gross neuroanatomy, cerebral vasculature, spinal organization, and internal structure from medulla to cortex. Functional system mini-lectures are also provided, as is a 5-laboratory component, to give students hands-on experience.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 7082 - Basic Neuroscience: Neurophysiology

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

7082

#### Course Title

Basic Neuroscience: Neurophysiology

#### Department(s)

Psychology

#### Description

This is an introductory course in neurophysiology, including an introduction to electrical properties of membranes, ionic basis of resting, and action and synaptic potentials.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 7083 - Basic Neuroscience: Molecular Neuroscience

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

7083

#### Course Title

Basic Neuroscience: Molecular Neuroscience

#### Department(s)

Psychology

#### Description

A course on the basic chemistry and metabolism of the brain, including neurotransmitters, receptors, second messengers, and the neurochemistry of neural development.

#### Academic Career

Graduate

#### Liberal Arts

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## PSYCH 7084 - Behavioral Neuroscience

**Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7084

**Course Title**

Behavioral Neuroscience

**Department(s)**

Psychology

**Description**

A survey dealing with the basic physiological, anatomical, and chemical functions of the nervous system as they relate to behavior. Topics include basic neuron cellular anatomy and physiology, sensory processes, motor systems, memory, motivation, learning, emotion, sleep and arousal.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## PSYCH 7091 - Basic Neuroscience: Molecular Neuroscience

**Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7091

**Course Title**

Basic Neuroscience: Molecular Neuroscience

**Department(s)**

Psychology

**Description**

This course is designed to provide basic knowledge of neural function at a molecular and cellular level, encompassing neurophysiology and neurochemistry. Key concepts include electrical properties of neurons, propagation of action potentials, synaptic transmission, molecular signaling pathways and major neurotransmitter systems. The course centers on identifying molecular mechanisms underlying neural processing.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## PSYCH 7092 - Basic Neuroscience: Systems Neuroscience

**Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7092

**Course Title**

Basic Neuroscience: Systems Neuroscience

**Department(s)**

Psychology

**Description**

This course focuses on neuroanatomy, circuits and functional systems within the brain. The course will provide basic knowledge of brain regions and pathways, i.e., essential neuroanatomy, together with how these anatomical regions/pathways form circuits and systems to mediate critical organismal functions. Emphasis in functional systems will be placed on motor, sensory and homeostatic systems.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## PSYCH 7093 - Basic Neuroscience: Cognitive Neuroscience

**Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7093

**Course Title**

Basic Neuroscience: Cognitive Neuroscience

**Department(s)**

Psychology

**Description**

This course is designed to provide students with an overview of cognitive neuroscience, with an emphasis on human studies. The course covers topics such as cognitive control, attention, executive function as well as affective and social processing, including relevant neuropsychiatric disorders associated with these cognitive functions, such as ADHD, schizophrenia, autism and others. Relevant neuroscience methods include imaging, EEG and TMS.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**PSYCH 7094 - Basic Neuroscience: Behavioral Neuroscience****Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7094

**Course Title**

Basic Neuroscience: Behavioral Neuroscience

**Department(s)**

Psychology

**Description**

This course is designed to provide students with an overview of behavioral neuroscience, with an emphasis on animal models. The course covers such topics as reward, reinforcement learning, memory, associative processes, appetitive regulation, habit, emotional regulation, motor learning and spatial navigation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**PSYCH 710 - Sensory and Motor Systems****Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

710

**Course Title**

Sensory and Motor Systems

**Department(s)**

Psychology

**Description**

This course covers the behavioral and physiological basis of sensory perception and the execution of motor actions.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**PSYCH 711 - Advanced Behavioral Neuroscience****Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

711

**Course Title**

Advanced Behavioral Neuroscience

**Department(s)**

Psychology

**Description**

This course covers standard topics found in an advanced physiological psychology course. Students will learn the complex relations between brain systems, at the cellular and neurochemical levels, and behavior. Topics include neuroanatomical and neurochemical systems involved in homeostasis (with emphasis on ingestive behavior), reward and motivation, emotion, learning and memory the neurological and neuroendocrine systems involved in the encoding, storage, and retrieval of long-term memories, and the neurological structures involved with the formation and generation of language. Special topics may include drug addiction and mental disorders.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**PSYCH 71103 - Cognitive and Affective Aspects of Behavior****Overview**Academic Institution  
QNS01Subject area  
PSYCHCatalog Number  
71103Course Title  
Cognitive and Affective Aspects of BehaviorDepartment(s)  
Psychology

**Description**  
Foundational course on cognitive and affective aspects of behavior. Covers current issues in cognitive psychology, focusing on topics of perception, attention, memory, language, and problem solving. Additionally covers the connection between cognition and emotion, including the cognitive regulation of emotion, the structure and theories of emotion, emotion regulating cognition, and emotion regulation.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**PSYCH 720 - Developmental Psychology I****Overview**Academic Institution  
QNS01Subject area  
PSYCHCatalog Number  
720Course Title  
Developmental Psychology IDepartment(s)  
Psychology

**Description**  
An introduction to the major concepts, principles, theories, and methods of developmental and child psychology (e.g., critical periods, nature-nurture issue, relation of phylogeny to ontogeny).

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**PSYCH 72001 - Developmental Disability I****Overview**Academic Institution  
QNS01Subject area  
PSYCHCatalog Number  
72001Course Title  
Developmental Disability IDepartment(s)  
Psychology

**Description**  
This course is an overview of the field of mental retardation and developmental disabilities. The content includes readings, lecture, and discussion on the history of the field, the concepts of intelligence and adaptive behavior, classification systems, litigation on behalf of people with developmental disabilities, etiology, service delivery systems, the special case of autism, a review of early intervention programs and research, language programming, and a review of attention, memory and cognition. Readings will be included on behavioral assessment and intervention strategies for people with developmental disabilities.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**PSYCH 72002 - Developmental Disabilities II: Functional Assessment****Overview**Academic Institution  
QNS01Subject area  
PSYCHCatalog Number  
72002Course Title  
Developmental Disabilities II: Functional AssessmentDepartment(s)  
Psychology

**Description**

This course will provide students with an overview of how to conduct a functional behavioral assessment for individuals with developmental disabilities. The course curriculum includes a) learning about a variety of data collection procedures toward identifying behavioral functions, and b) conducting a case study where a student conducts a functional behavioral assessment.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

## PSYCH 72003 - Behavior Intervention in Developmental Disabilities

**Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	72003

**Course Title**  
Behavior Intervention in Developmental Disabilities

**Department(s)**  
Psychology

**Description**  
This course is an overview of behavioral intervention procedures in the field of developmental disabilities. The content includes readings, lecture, and discussion on the context of intervention, the concepts of behavioral assessment and intervention in the field of developmental disabilities, staff training issues, and an in-depth review of many of the research-based behavioral intervention procedures used to train appropriate repertoires in people with developmental disabilities.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

## PSYCH 72004 - Behavior Analysis of Child Development

**Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	72004

**Course Title**  
Behavior Analysis of Child Development

**Department(s)**  
Psychology

**Description**  
A critical review of basic concepts in child psychology from the point of view of the field of behavior analysis. Content includes readings, lecture, and discussion concerning a) the criteria for evaluating scientific theories, b) the concept of behavior in developmental psychology, and c), the behavior analytic view of development.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

## PSYCH 72005 - Autism

**Overview**

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	72005

**Course Title**  
Autism

**Department(s)**  
Psychology

**Description**  
This course will provide students with an overview of issues concerning individuals with Autism Spectrum Disorders (ASD) and related disorders. The course will focus on characteristics of ASD, family issues, and empirically supported treatments. Students are encouraged to analyze extant research and to propose new solutions to problems in this area.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

Minimum Units	Maximum Units
3	3

## PSYCH 7201 - Lifespan Developmental Psychology

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

7201

#### Course Title

Lifespan Developmental Psychology

#### Department(s)

Psychology

#### Description

A lifespan perspective on the development of sensory and perceptual functions, language, cognition, and psychosocial adaptation, from conception to old age and death.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 721 - Developmental Psychology II

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

721

#### Course Title

Developmental Psychology II

#### Department(s)

Psychology

#### Description

This course covers the phylogenesis and ontogenesis (in humans) of basic sensory processes, perceptual functions, cognitive-intellective skills, and language and communication. The focus is on human development. Requirements include an oral and written report on a selected topic. Note: PSYCH 720 is NOT a prerequisite to PSYCH 721, and PSYCH 721 is NOT a continuation of PSYCH 720.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 730 - Psychology of Learning

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

730

#### Course Title

Psychology of Learning

#### Department(s)

Psychology

#### Description

An examination of representative investigations and theories of learning.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 73001 - Theory and Method in Applied Behavior Analysis I

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

73001

#### Course Title

Theory and Method in Applied Behavior Analysis I

#### Department(s)

Psychology

#### Description

Introduction to basic theory and methodology in the field of applied behavioral analysis, including: (1) the technical language; (2) operational definition;(3) assessment of reliability and generality; (4) data analysis; (5) research design. Students will conduct supervised laboratory and fieldwork as part of the requirements.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## PSYCH 73002 - Theory and Method in Applied Behavior Analysis II

### Overview

Academic Institution  
QNS01

Subject area  
PSYCH

Catalog Number  
73002

Course Title  
Theory and Method in Applied Behavior Analysis II

Department(s)  
Psychology

#### Description

Permission of the Executive Committee of the MA Program. (Permission should be requested three months prior to registration for this course.) An advanced course in theory, methodology, and professional issues in the field of applied behavioral analysis, focusing on contemporary issues in behavioral assessment strategies, single case research design, data evaluation, program development, and learning processes, and providing the student with the following skills: (1) competence in critically analyzing behavioral analytic research articles; (2) writing applied research proposals; (3) carrying out applied behavioral research in the field; (4) writing applied research/treatment reports for dissemination in professional journals and at professional conferences.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## PSYCH 73004 - Supervised Practicum in Applied Behavior Analysis

### Overview

Academic Institution  
QNS01

Subject area  
PSYCH

Catalog Number  
73004

Course Title  
Supervised Practicum in Applied Behavior Analysis

Department(s)  
Psychology

#### Description

Students must receive prior consent of instructor, which will be based on a personal interview. Students must also sign an acknowledgement of fieldwork regulations. This course is designed as a supervised field experience in agencies

and institutional settings where behavior modification is in practice. Structured experiences include behavior assessment, as well as the development, administration, and evaluation of behavior modification programs for individuals and groups. Students will be required to purchase a malpractice insurance policy at a small fee.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## PSYCH 73005 - Applied Behavior Analysis: Measurement and Applied Project I

### Overview

Academic Institution  
QNS01

Subject area  
PSYCH

Catalog Number  
73005

Course Title  
Applied Behavior Analysis: Measurement and Applied Project I

Department(s)  
Psychology

#### Description

Introduction to field applications of basic theory and methodology of applied behavioral analysis, including: (1) the technical language; (2) operational definition; (3) assessment of reliability and generality; (4) data analysis; (5) research design in natural settings. Students will attend their project site in order to plan an applied behavior change project. Group supervision will be provided in the weekly meetings on campus.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## PSYCH 73006 - Applied Behavior Analysis: Measurement and Applied Project II

### Overview

Academic Institution  
QNS01

**Subject area**  
PSYCH

**Catalog Number**  
73006

**Course Title**  
Applied Behavior Analysis: Measurement and Applied Project II

**Department(s)**  
Psychology

**Description**  
An advanced project in the application of theory, methodology, and professional issues in the field of applied behavior, focusing on contemporary issues in behavior assessment strategies, single case design, data evaluation, program development, and learning processes, and carrying out applied behavior research in the field. Students will attend their project site in order to carry out an applied behavior change project. Group supervision will be provided in the weekly meetings on campus.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## PSYCH 73007 - Theories of Association

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
PSYCH                                      73007

**Course Title**  
Theories of Association

**Department(s)**  
Psychology

**Description**  
This course examines the recent history of learning from an association perspective, including the major molar learning theorists (Thorndike, Pavlov, Hull, Tolman, Guthrie, Skinner) and extending to current theories of association as represented in competition and comparator models of conditioning.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## PSYCH 731 - Stimulus Control of Behavior

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
PSYCH                                      731

**Course Title**  
Stimulus Control of Behavior

**Department(s)**  
Psychology

**Description**  
Emphasis is upon the acquisition and maintenance of discriminative behavior. Topics include discrimination training, generalization, perception, signal detection, and psycho-physics

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
4    4

## PSYCH 732 - Motivation and Reinforcement

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
PSYCH                                      732

**Course Title**  
Motivation and Reinforcement

**Department(s)**  
Psychology

**Description**  
The role of motivation in behavior theory, and the experimental manipulation of reinforcement variables as these interact with motivational variables.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
4    4



## PSYCH 733 - Information and Decision Processes in Human Behavior.

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

733

#### Course Title

Information and Decision Processes in Human Behavior.

#### Department(s)

Psychology

#### Description

A survey of human information processing. Analysis of the role of decision-making and of characteristics and models of human choice behavior.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 735 - Psychology of Perception

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

735

#### Course Title

Psychology of Perception

#### Department(s)

Psychology

#### Description

The phenomenology, psychophysics, and psychophysiology of perception are discussed. Topics may include perceptual organization and development, illusions, constancies, and the Ames demonstrations. Heredity and environment interactions are considered in relation to perceptual theories (Gestalt, transactionism, etc.).

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 738 - Cognition

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

738

#### Course Title

Cognition

#### Department(s)

Psychology

#### Description

This course focuses on the study of cognition in humans. Among the topics covered are attention, recognition of patterns (such as speech and visual forms), imagery, storage and retrieval of information from short-term and long-term memory, and the organization of thought and language. A central theme of the course is a focus on structure and organization in these various cognitive processes.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 740 - Personality

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

740

#### Course Title

Personality

#### Department(s)

Psychology

#### Description

Survey of contemporary research topics in personality psychology.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 743 - Survey of Psychotherapy and Counseling

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

743

#### Course Title

Survey of Psychotherapy and Counseling

#### Department(s)

Psychology

#### Description

This course surveys the major approaches to psychotherapy and counseling, including classical Freudian psychoanalysis, behavior therapy, and such humanistic-existential approaches as client-centered therapy, Gestalt therapy, and transactional analysis. Note: PSYCH 743 and 743.1 cannot both be counted for credit toward the MA degrees in Psychology.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 746 - Social Psychology.

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

746

#### Course Title

Social Psychology.

#### Department(s)

Psychology

#### Description

Among the topics to be covered are: (1) foundations of modern social psychology; (2) physiological process and social man; (3) social interaction and social process; (4) the nature and characteristics of social groupings; (5) types of social groupings; (6) the relations between groups; (7) social change and stability.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 747 - Human Memory

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

747

#### Course Title

Human Memory

#### Department(s)

Psychology

#### Description

Covers all aspects of human memory from the behavioral to the neural levels. The subject material is a blend of standard cognition data on memory along with the newer results from cognitive neuroscience. Thus, the information on each lecture topic is divided into two parts: (1) the standard cognitive material, including an historical perspective and the essential behavioral data and models that have been developed, and (2) the neurocognitive data (lesion studies, brain imaging using blood flow, and event-related potential techniques). The latter provide focus on the new insights into the brain mechanisms underlying various memory processes obtained in the past decade.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## PSYCH 748 - Self-Awareness Training

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

748

#### Course Title

Self-Awareness Training

#### Department(s)

Psychology

#### Description

Note: PSYCH 749 does not require PSYCH 748 as a prerequisite. Either one of these courses may be taken independently of the other. This course seeks to improve the intervention skills of the participants by increasing their self-awareness. Combining both didactic and experiential elements, the course

encourages each participant to become more sensitive to other participants and to his or her own interpersonal behavior, while at the same time encouraging personal growth and development. A term paper based on course readings is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

**PSYCH 754 - Behavioral Science and Business.****Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

754

**Course Title**

Behavioral Science and Business.

**Department(s)**

Psychology

**Description**

The behavioral science principles that can be applied to employee-employer relationships are considered. Basic problems such as personnel promotion, motivation, training, measurement of job satisfaction, increasing worker efficiency, and merit ratings are reviewed from the standpoint of the psychologist in industry.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**PSYCH 755 - Psychopathology****Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

755

**Course Title**

Psychopathology

**Department(s)**

Psychology

**Description**

Identification, diagnosis, assessment, and treatment of psychopathological conditions. Several models of psychopathology are considered, including psychological (cognitive, behavioral, and psychoanalytic), medical, sociocultural, and mixed models. The study of anxiety and anxiety disorders is emphasized. The other syndromes considered are somatoform, dissociative, psychophysiological, and personality disorders.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**PSYCH 756 - Clinical Psychopharmacology****Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

756

**Course Title**

Clinical Psychopharmacology

**Department(s)**

Psychology

**Description**

This course covers psychopharmacology, including basic principles of pharmacology and neurochemistry. Geared toward doctoral level clinical students, the emphasis is on examining neuropsychiatric disorders and the drugs used to treat them from a practice perspective.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**PSYCH 760 - Psychometric Methods****Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

760

**Course Title**  
Psychometric Methods

**Department(s)**  
Psychology

**Description**  
A general introduction to psychometric methods which focuses on administration, standardization, norms, reliability, validity, and test construction. Lectures cover the history of intelligence testing and the development of techniques for assessing personality and psychiatric disorders, as well as basic issues related to intelligence testing and an introduction to the Wechsler intelligence scales.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSYCH 761 - Measurement of Abilities

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	761

**Course Title**  
Measurement of Abilities

**Department(s)**  
Psychology

**Description**  
An advanced course in the measurement of intellectual and other abilities.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSYCH 764 - Assessment of Personality with Standardized Objective Measures

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	764

**Course Title**  
Assessment of Personality with Standardized Objective Measures

**Department(s)**  
Psychology

**Description**  
An introduction to the administration, interpretation, and report preparation of commonly used objective inventories, objective standardized rating scales and standardized interview protocols, with special focus on the Minnesota Multiphasic Personality Inventory (MMPI). Examples of other objective instruments for personality assessment that may be covered include the California Psychological Inventory (CPI), and the Sixteen Personality Factor Questionnaire (16PF). This course requires each student to prepare a minimum of four test reports.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
2	2

## PSYCH 7711 - Ethical Issues in Psychology

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	7711

**Course Title**  
Ethical Issues in Psychology

**Department(s)**  
Psychology

**Description**  
This course examines ethical and legal standards that apply to psychologists and others involved in the application of psychological principles. Emphasis will be placed on ethical standards recognized by and for professionals and on laws concerning professional practice.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1



## Credits

Minimum Units	Maximum Units
1	1

## PSYCH 7723 - Thesis Seminar

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

7723

#### Course Title

Thesis Seminar

#### Department(s)

Psychology

#### Description

This course is designed for students who have had at least 2 semesters of research (may be in second semester) and have sufficient data to begin writing their MA thesis. In this workshop format course, students will write, share and critique each others thesis drafts with the goal of having a completed thesis by the end of the course. The course will also help students prepare applications for doctoral programs, including crafting personal statements and development their CV.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units	Maximum Units
2	2

## PSYCH 774 - Assessment of Intellectual Functioning

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

774

#### Course Title

Assessment of Intellectual Functioning

#### Department(s)

Psychology

#### Description

This course provides experience in the administration, interpretation, and written presentation of findings from a variety of measures of intellectual functioning, with particular focus on the Wechsler tests. Students will be trained to integrate clinical observations, developmental theories, theories of cognitive style, and

Academic Career research in the course of writing a minimum of four test reports. Students will also develop familiarity and working knowledge of a broad range of additional assessment techniques, e.g., the Stanford-Binet.

Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## PSYCH 777 - Practicum in Interviewing and Personality Appraisal

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

777

#### Course Title

Practicum in Interviewing and Personality Appraisal

#### Department(s)

Psychology

#### Description

A systematic examination of interview techniques and methods of personality assessment through direct communication. Students carry on regular intake interviews with clients and prepare appraisal reports.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## PSYCH 780 - Quantitative Methods in Psychology

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

780

#### Course Title

Quantitative Methods in Psychology

#### Department(s)

Psychology

**Description**

Emphasis will be placed on the mathematical procedures used in psychological theories and in the theoretical analysis of psychological data. Possible topics are curve-fitting procedures for straight lines, polynomials, and growth functions; regression procedures including multiple regression, ANCOVA, time-series analysis, computer intensive methods, computer simulation and robust methods of analysis.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## PSYCH 7881 - Cooperative Education Placement

**Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7881

**Course Title**

Cooperative Education Placement

**Department(s)**

Psychology

**Description**

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## PSYCH 7882 - Cooperative Education Placement

**Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7882

**Course Title**

Cooperative Education Placement

**Department(s)**

Psychology

**Description**

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

## PSYCH 7883 - Cooperative Education Placement

**Overview****Academic Institution**

QNS01

**Subject area**

PSYCH

**Catalog Number**

7883

**Course Title**

Cooperative Education Placement

**Department(s)**

Psychology

**Description**

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## PSYCH 7884 - Cooperative Education Placement

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

7884

#### Course Title

Cooperative Education Placement

#### Department(s)

Psychology

#### Description

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

4

#### Maximum Units

4

## PSYCH 7885 - Cooperative Education Placement

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

7885

#### Course Title

Cooperative Education Placement

#### Department(s)

Psychology

#### Description

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

5

#### Maximum Units

5

## PSYCH 7886 - Cooperative Education Placement

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

7886

#### Course Title

Cooperative Education Placement

#### Department(s)

Psychology

#### Description

Experiential learning through placement. Opportunities to test and demonstrate academic learning in an organizational setting. Students receive academic credit as well as a stipend from the placement. No more than 6 credits may be taken in Cooperative Education Placement.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

6

#### Maximum Units

6

## PSYCH 7911 - VT: Seminar in Selected Topics in Psychology

### Overview

#### Academic Institution

QNS01

#### Subject area

PSYCH

#### Catalog Number

7911

#### Course Title

VT: Seminar in Selected Topics in Psychology

#### Department(s)

Psychology

#### Description

Content will be determined by the special interest of students and the instructor. The course may be repeated for credit by permission of the department as the topic changes.

#### Academic Career

Graduate

#### Liberal Arts

Yes



**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## PSYCH 7912 - VT: Seminar in Selected Topics in Psychology

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	7912

**Course Title**  
VT: Seminar in Selected Topics in Psychology

**Department(s)**  
Psychology

**Description**  
Content will be determined by the special interest of students and the instructor. The course may be repeated for credit by permission of the department as the topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
2	2

## PSYCH 7913 - VT: Seminar in Selected Topics in Psychology

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	7913

**Course Title**  
VT: Seminar in Selected Topics in Psychology

**Department(s)**  
Psychology

**Description**  
Content will be determined by the special interest of students and the instructor. The course may be repeated for credit by permission of the department as the topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## PSYCH 7914 - VT: Seminar in Selected Topics in Psychology

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	7914

**Course Title**  
VT: Seminar in Selected Topics in Psychology

**Department(s)**  
Psychology

**Description**  
Content will be determined by the special interest of students and the instructor. The course may be repeated for credit by permission of the department as the topic changes.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
4	4

## PSYCH 795 - Fieldwork Project in Applied Behavior Analysis

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
PSYCH	795

**Course Title**  
Fieldwork Project in Applied Behavior Analysis

**Department(s)**  
Psychology

**Description**  
During this course students will develop and implement an Applied Behavior Analysis skill acquisition project. This project may be an extension of the project conducted in 730.05/06 or an entirely new project. The project requires selecting

a socially significant target behavior, developing a measurement system, implementing a technological procedure within a single-subject research design, and writing an APA-style manuscript regarding the applied project. Class time will be spent problem solving all aspects of applied projects and developing professional skills. Students are required to attend an Applied Behavior Analysis fieldwork site for at least 9 hours per week for the semester (144 total hours). This course is open to all matriculated MA students in the Applied Behavior Analysis Program, for whom the courses are required. Enrollment is limited. All other students must obtain special permission from the head of the ABA MA Program.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 701 - Enterprise Risk Management

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

701

**Course Title**

Enterprise Risk Management

**Department(s)**

Economics

**Description**

This course provides a broad overview of why managing risk is important to organizations and of the risk management function. The course utilizes the ERM framework to identify sources of value and stakeholder objectives, to categorize events that pose risk, to determine the organization's appetite for risk and to determine levels of risk retention. The course covers various risk types and examines how each is quantified, transferred, or retained and priced-for. This course is case study and group study intensive.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 702 - Accounting for Risk Management

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

702

**Course Title**

Accounting for Risk Management

**Department(s)**

Economics

**Description**

This course is intended to provide graduate level exposure to accounting theory for students enrolled in the MS in Risk Management program. The course will cover essentials of the conceptual framework of accounting and will focus on issues affecting recognition and measurement of the economic events that affect financial statements in particular, those that affect the firm's risk profile and the risk transfer. The course will not be open to MS in Accounting students. RM 701, Enterprise Risk Management is a pre-requisite or co-requisite. Credit will not be given for this course if ACCT 350 or BUS 250 has already been taken and students will be required to take an additional elective from the RM program offerings.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 703 - Analysis of Investment and Market Risk

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

703

**Course Title**

Analysis of Investment and Market Risk

**Department(s)**

Economics

**Description**

The course will focus on the application of financial theory to the issues and problems of investment management. Topics will include bond valuation and strategies, stock valuation and strategies, portfolio optimization and asset allocation, the CAPM, and their implications for investment management. The course will first examine the valuation and selection of various investment instruments, then move on to cover portfolio optimization issues and risk management.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 704 - Risk Measurement

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

704

**Course Title**

Risk Measurement

**Department(s)**

Economics

**Description**

This course provides an in-depth review of the fundamentals of probability and statistics, followed by the measurement of various risk types. The course examines instances of market failure, the role of collateralization requirements, the impact of term, time horizon, and covariance, and extreme value theory. The course also covers probabilistic and stochastic risk modeling, calculations of value-at-risk, stress testing, and other risk metrics, and the limitations of each of these measures. Prereq. or coreq. : RM 701, Risk Management.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 705 - Risk Transfer to Financial Markets

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

705

**Course Title**

Risk Transfer to Financial Markets

**Department(s)**

Economics

**Description**

The primary emphasis of this course is on the structure, pricing, hedging and strategies of futures and options contracts and their applications in a risk management context. The economic role of options and futures markets is examined. Specific topics include: determinants of forward and futures prices, option valuation using binominal trees and Monte Carlo simulation, implied binominal trees, relation between puts and calls, uses of options in investment strategies, hedging techniques, exotic options, applications to corporate securities and other financial instruments.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 706 - Risk Transfer to Insurance Markets

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

706

**Course Title**

Risk Transfer to Insurance Markets

**Department(s)**

Economics

**Description**

This course examines risk transfer to insurance markets. Topics covered will include the variety of ways that risk transfer can occur including quota share and excess of loss agreements, catastrophe bonds, captives, reciprocals, segregated cells, and their structuring, such as retention, limits, corridors, collateralization, reinstatement, and commutation provisions, and structured/financial insurance. Insurance products will be evaluated for their efficiency in risk transfer. How effective insurance markets are relative to capital markets will be evaluated in terms of terms and conditions, pricing, and basis risk. Prereq. or coreq.: Undergraduate degree in accounting or completion of Graduate Core Curriculum: ECON 601, Introduction to Micro- and Macroeconomics; ECON 602, Introduction to Corporate Finance and Money and Banking; ECON 649, Statistics as Applied to Economics and Business; and ACCT 600, Financial Theory and Accounting Practice, Part I, or permission of program director. RM 701, Introduction to Risk Management is recommended. This course examines risk transfer to insurance markets. Topics covered will include the variety of ways that risk transfer can occur including quota share and excess of loss agreements, catastrophe bonds, captives, reciprocals, segregated cells, and their structuring, such as retentions, limits, corridors, collateralization, reinstatement, and commutation provisions, and structured/financial insurance. Insurance products will be evaluated for their efficiency in risk transfer. How effective insurance markets are relative to capital markets will be evaluated in terms of terms and conditions, pricing, and basis risk.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 707 - Financial Statement Analysis

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

707

**Course Title**

Financial Statement Analysis

**Department(s)**

Economics

**Description**

Analyses are made of financial statements of public companies from the perspective of investors, management, creditors, accountants and auditors. Financial statements and related disclosures will be analyzed to gain a perspective on a company's health. Business valuation models and techniques to develop forecasts and pro forma results will be discussed and illustrated. Ratio analysis and key performance indicators will be emphasized with a case study approach to this subject. Credit will not be given if ACCT 350 or BUS 250 has been taken.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 708 - Financial Econometrics

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

708

**Course Title**

Financial Econometrics

**Department(s)**

Economics

**Description**

The course covers modern statistical and econometric techniques necessary for both professional and academic quantitative research in finance. Particular emphasis will be placed on measuring and analyzing the risk of holding and trading financial assets.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 709 - Portfolio Management

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

709

**Course Title**

Portfolio Management

**Department(s)**

Economics

**Description**

This course provides a detailed examination of portfolio management. Topics include definition and measurement of risk market efficiency, testing for inefficiencies, components and determinants of trading costs, mechanics of creating and managing a portfolio, and investment philosophies. The mechanics of creating and managing a portfolio are illustrated for both bonds and equities. prerequisites or corequisites: ERM 703, Analysis of Investment and Market Risks, or BUS 350, Investment Analysis. Individual courses may be waived for those students that have taken equivalent courses as part of their undergraduate program.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 710 - Fixed Income Instruments

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

710

**Course Title**

Fixed Income Instruments

**Department(s)**

Economics

**Description**

The course exposes students to an in-depth analysis of the concepts encountered in the market for fixed income securities. The student will develop tools to price bond and money market instruments, understand the term structure of interest rates, analyze the Treasury yield curve, and evaluate credit yield spreads. The course illustrates hedging and other trading and portfolio strategies, and explores fixed income derivative instruments.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 711 - Applied Financial Analysis

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

711

**Course Title**

Applied Financial Analysis

**Department(s)**

Economics

**Description**

This course will introduce students to programming for quantitative analysis with finance applications. The course will start with a review of advanced Excel Functions (Financial Functions, Data Tables, Regression Functions, Conditional Functions, Dates, Lookup Functions, Pivot Tables, Matrices) and then will cover VBA, including recording macros, creating and using functions in VBA, creating and using VBA Sub Procedures, incorporating user interaction, loops, and arrays, objects and add-ins. Students will work with dynamic datasets, construct Bloomberg formulas, extract Bloomberg data into Excel and use Bloomberg's function builder. Students will also cover documentation and good practices for database and model management.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 712 - Corporate Strategy and Macroeconomic Risk Management

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

712

**Course Title**

Corporate Strategy and Macroeconomic Risk Management

**Department(s)**

Economics

**Description**

The course will introduce and educate the students to the concepts of macroeconomic risk management, its applications in a corporate setting, necessity and relevancy in today's corporate strategic planning and operational risk management processes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 713 - Advanced Derivatives

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

713

**Course Title**

Advanced Derivatives

**Department(s)**

Economics

**Description**

The course will investigate a variety of pricing models used across interest rate, equity and credit derivative markets, including particular finite difference methods, tree models, and Monte Carlo simulations. The course will also cover stochastic volatility models, local volatility surface, pricing of volatility swaps, Asian options and barrier options, Gaussian and other copulas, and interest rate derivative models including the Libor Market Model, and the Hull and White model.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**RM 714 - Python for Financial Applications****Overview**Academic Institution  
QNS01Subject area  
RMCatalog Number  
714Course Title  
Python for Financial ApplicationsDepartment(s)  
Economics

**Description**  
This is a course designed to teach you how to effectively utilize technology for quantitative finance. Specifically, you will learn how to write programs in Python to work with financial datasets. We will be using many of the Python libraries to do more advanced data analysis

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**RM 742 - Data Science via Machine Learning and Statistical Modeling****Overview**Academic Institution  
QNS01Subject area  
RMCatalog Number  
742Course Title  
Data Science via Machine Learning and Statistical ModelingDepartment(s)  
Economics

**Description**  
Philosophy of modeling and learning using data. Prediction using linear, polynomial, interaction regressions and machine learning including neural nets and random forests. Probability estimation with asymmetric cost classification. Underfitting vs. overfitting and R-squared. Model validation. Correlation vs. causation. Interpretations of linear model coefficients. Formal instruction of statistical computing. Data manipulation and visualization using modern libraries. Writing Intensive. Recommended corequisites include ECON 382, MATH 341, MATH 369 or their equivalents.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
4Maximum Units  
4**RM 742W - Data Science via Machine Learning and Statistical Modeling****Overview**Academic Institution  
QNS01Subject area  
RMCatalog Number  
742WCourse Title  
Data Science via Machine Learning and Statistical ModelingDepartment(s)  
Economics

**Description**  
Philosophy of modeling and learning using data. Prediction using linear, polynomial, interaction regressions and machine learning including neural nets and random forests. Probability estimation with asymmetric cost classification. Underfitting vs. overfitting and R-squared. Model validation. Correlation vs. causation. Interpretations of linear model coefficients. Formal instruction of statistical computing. Data manipulation and visualization using modern libraries. Writing Intensive (W). Recommended corequisites include ECON 382, MATH 341, MATH 369 or their equivalents.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
4Maximum Units  
4**RM 790 - Applied Dynamic Financial Analysis****Overview**Academic Institution  
QNS01Subject area  
RMCatalog Number  
790Course Title  
Applied Dynamic Financial Analysis

**Department(s)**

Economics

**Description**

In this course, students will contribute to the building and development of Dynamic Financial Analysis (DFA) models tailored to a financial institution, non-financial corporation, or pension fund. The DFA model is an asset-liability management model in which an organization's asset and liability values are forecasted over time and simulated by allowing economic, financial, and other business drivers of the cash flows to vary stochastically, in a dynamic and simultaneous fashion, using Monte Carlo and other simulation methods. Students must pass this course in order to graduate even if their GPA is above 3.0. The course is open to students only by permission of the program director.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 791 - Applied Financial Dynamic Analysis Model Building

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

791

**Course Title**

Applied Financial Dynamic Analysis Model Building

**Department(s)**

Economics

**Description**

In this course, students will develop and build Dynamic Financial Analysis (DFA) models tailored to a financial institution, non-financial corporation, or pension fund. The DFA model is an asset-liability management model in which an organization's asset and liability values are forecasted over time and simulated by allowing economic, financial, and other business drivers of the cash flows to vary stochastically, in a dynamic and simultaneous fashion, using Monte Carlo and other simulation methods. In this Capstone Course for the DFA Concentrators, students will write their own code for the numerical methods underlying the models. Students must pass this course in order to graduate even if their GPA is above 3.0. Open to students only by permission of the program director.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## RM 7921 - Special Topics in Risk Management

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

7921

**Course Title**

Special Topics in Risk Management

**Department(s)**

Economics

**Description**

This course will be a seminar in risk management covering a special topic as it relates to RM, such as governance, behavioral finance, or corporate strategy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits****Minimum Units**

1

**Maximum Units**

1

## RM 7922 - Special Topics in Risk Management

**Overview****Academic Institution**

QNS01

**Subject area**

RM

**Catalog Number**

7922

**Course Title**

Special Topics in Risk Management

**Department(s)**

Economics

**Description**

This course will be a seminar in risk management covering a special topic as it relates to RM, such as governance, behavioral finance, or corporate strategy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

### Credits

Minimum Units	Maximum Units
2	2

## RM 7923 - Special Topics in Risk Management

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
RM	7923

**Course Title**  
Special Topics in Risk Management

**Department(s)**  
Economics

**Description**  
This course will be a seminar in risk management covering a special topic as it relates to RM, such as governance, behavioral finance, or corporate strategy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## RM 7924 - Special Topics in Risk Management

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
RM	7924

**Course Title**  
Special Topics in Risk Management

**Department(s)**  
Economics

**Description**  
This course will be a seminar in risk management covering a special topic as it relates to RM, such as governance, behavioral finance, or corporate strategy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

### Credits

Minimum Units	Maximum Units
4	4

## SEYS 5001 - Non-degree Workshop Secondary Education

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	5001

**Course Title**  
Non-degree Workshop Secondary Education

**Department(s)**  
Secondary Education and Youth Services

**Description**  
A special topics SEYS course offering at the graduate level that does not count toward the MS degree and is pass/fail.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## SEYS 5002 - Non-degree Workshop Secondary Education

### Overview

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	5002

**Course Title**  
Non-degree Workshop Secondary Education

**Department(s)**  
Secondary Education and Youth Services

**Description**  
A special topics SEYS course offering at the graduate level that does not count toward the MS degree and is pass/fail.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required



**Credits**Minimum Units  
2Maximum Units  
2**SEYS 5003 - Non-degree Workshop Secondary Education****Overview**Academic Institution  
QNS01Subject area  
SEYSCatalog Number  
5003Course Title  
Non-degree Workshop Secondary EducationDepartment(s)  
Secondary Education and Youth Services

**Description**  
A special topics SEYS course offering at the graduate level that does not count toward the MS degree and is pass/fail.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**SEYS 533 - Methods of Teaching the Visual Arts, Pre-K-12th grade****Overview**Academic Institution  
QNS01Subject area  
SEYSCatalog Number  
533Course Title  
Methods of Teaching the Visual Arts, Pre-K-12th gradeDepartment(s)  
Secondary Education and Youth Services

**Description**  
This course is designed to introduce students to methods of teaching visual art. The course will give students an understanding of lesson planning, developing goals and objectives as well as assessment strategies for all grades. Students will make art as part of this course.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**SEYS 536 - Educational Foundations****Overview**Academic Institution  
QNS01Subject area  
SEYSCatalog Number  
536Course Title  
Educational FoundationsDepartment(s)  
Secondary Education and Youth Services

**Description**  
Consideration will be given to how these foundational issues are evident in classroom situations and practice. This course will deal with contemporary socio-economic and political issues that continue to influence and shape education decision-making. Theoretical analysis of major educational ideas and practices in the United States will be examined. Attention will also be given to how growth in technology has influenced the educational environment. Includes field experience component for students not currently teaching.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
Department Consent Required**Credits**Minimum Units  
3Maximum Units  
3**SEYS 552 - Educational Psychology****Overview**Academic Institution  
QNS01Subject area  
SEYSCatalog Number  
552Course Title  
Educational PsychologyDepartment(s)  
Secondary Education and Youth Services

**Description**

Overview of developmental and instructional issues in teaching middle childhood and adolescents. The role of technology in cognition and instruction for diverse learners including those within the full range of disabilities and exceptionalities will be examined. Second language development and issues related to language acquisition and English language proficiency will also be explored.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 560 - Methods of Teaching English in Middle and High School

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

560

**Course Title**

Methods of Teaching English in Middle and High School

**Department(s)**

Secondary Education and Youth Services

**Description**

Students' pedagogical content knowledge in their specific subject areas is developed in this course. Research-based learning, instructional and assessment strategies, as well as the secondary school curriculum will be examined. The course also examines issues of language, literacy, and culture and how they impact the learning and teaching of the specific content. As well, emphasis is placed on the use of technology in instruction.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 561 - Methods of Teaching Mathematics in Middle and High School

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

561

**Course Title**

Methods of Teaching Mathematics in Middle and High School

**Department(s)**

Secondary Education and Youth Services

**Description**

Students' pedagogical content knowledge in their specific subject areas is developed in this course. Research-based learning, instructional and assessment strategies, as well as the secondary school curriculum will be examined. The course also examines issues of language, literacy, and culture and how they impact the learning and teaching of the specific content. As well, emphasis is placed on the use of technology in instruction.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 562 - Methods of Teaching Science in Middle and High School

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

562

**Course Title**

Methods of Teaching Science in Middle and High School

**Department(s)**

Secondary Education and Youth Services

**Description**

Students' pedagogical content knowledge in their specific subject areas is developed in this course. Research-based learning, instructional and assessment strategies, as well as the secondary school curriculum will be examined. The course also examines issues of language, literacy, and culture and how they impact the learning and teaching of the specific content. As well, emphasis is placed on the use of technology in instruction.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 563 - Methods of Teaching Social Studies in Middle and High School

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

563

#### Course Title

Methods of Teaching Social Studies in Middle and High School

#### Department(s)

Secondary Education and Youth Services

#### Description

Students' pedagogical content knowledge in their specific subject areas is developed in this course. Research-based learning, instructional and assessment strategies, as well as the secondary school curriculum will be examined. The course also examines issues of language, literacy, and culture and how they impact the learning and teaching of the specific content. As well, emphasis is placed on the use of technology in instruction.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 564 - Methods of Teaching Foreign Language in Middle and High School

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

564

#### Course Title

Methods of Teaching Foreign Language in Middle and High School

#### Department(s)

Secondary Education and Youth Services

#### Description

Students' pedagogical content knowledge in their specific subject areas is developed in this course. Research-based learning, instructional and assessment strategies, as well as the secondary school curriculum will be examined. The course also examines issues of language, literacy, and culture and how they impact the learning and teaching of the specific content. As well, emphasis is placed on the use of technology in instruction.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 565 - Methods of Standards-based Curriculum and Assessment in Teaching the Visual Arts

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

565

#### Course Title

Methods of Standards-based Curriculum and Assessment in Teaching the Visual Arts

#### Department(s)

Secondary Education and Youth Services

#### Description

The class will focus on secondary level curriculum and instruction, students with disabilities, and assessment. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

Department Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 5702 - Initial Clinical Experience in English for Secondary School

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

5702

#### Course Title

Initial Clinical Experience in English for Secondary School

#### Department(s)

Secondary Education and Youth Services

**Description**

This initial clinical experience is designed to provide undergraduates in the secondary education program with school-based classroom experiences that prepare them to effectively student teach at the secondary school level. Students are placed at a secondary school setting under the guidance of a school-based teacher and a college based supervisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 5704 - Student Teaching in English for Secondary School

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

5704

**Course Title**

Student Teaching in English for Secondary School

**Department(s)**

Secondary Education and Youth Services

**Description**

School-based teaching experiences are provided that prepare student teachers to effectively teach students at the secondary school levels. Under the guidance of a cooperating teacher and a college-based supervisor students are expected to teach a minimum of one class. Students must earn a minimum grade of B to be recommended for NYS initial certification.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 5712 - Initial Clinical Experience in Mathematics for Secondary School

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

5712

**Course Title**

Initial Clinical Experience in Mathematics for Secondary School

**Department(s)**

Secondary Education and Youth Services

**Description**

This initial clinical experience is designed to provide undergraduates in the secondary education program with school-based classroom experiences that prepare them to effectively student teach at the secondary school level. Students are placed at a secondary school setting under the guidance of a school-based teacher and a college based supervisor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 5714 - Student Teaching in Mathematics for Secondary School

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

5714

**Course Title**

Student Teaching in Mathematics for Secondary School

**Department(s)**

Secondary Education and Youth Services

**Description**

School-based teaching experiences are provided that prepare student teachers to effectively teach students at the secondary school levels. Under the guidance of a cooperating teacher and a college-based supervisor students are expected to teach a minimum of one class. Students must earn a minimum grade of B to be recommended for NYS initial certification.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 5722 - Student Teaching I in Science for Secondary School (7-12)

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

5722

#### Course Title

Student Teaching I in Science for Secondary School (7-12)

#### Department(s)

Secondary Education and Youth Services

#### Description

Student Teaching I is the first student teaching experience that is designed to provide undergraduates and graduates in the secondary education program with school-based classroom experiences that prepare them to effectively student teach at the secondary school level. Students are placed at a secondary school setting under the guidance of a school-based teacher, and college-based supervisor. Aspiring teachers will learn how to plan and implement lessons based on knowledge of subject matter, and how students learn and develop; as well as how to create learning environments which encourage positive social interactions and active participation. In addition, aspiring teachers will learn how to adapt instructional and assessment strategies to the diverse needs, interests and abilities of learners.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 5724 - Student Teaching II in Science for Secondary School (7-12)

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

5724

#### Course Title

Student Teaching II in Science for Secondary School (7-12)

#### Department(s)

Secondary Education and Youth Services

#### Description

Student Teaching II is a full time clinically rich student teaching experience that is designed to provide graduates in the secondary education program with school-based classroom experiences that prepare them to effectively student teach at the secondary school level. Students are usually placed at a secondary school setting under the guidance of a school-based teacher, and college-based supervisor. Aspiring teachers will demonstrate an understanding of planning and implementing lessons based on knowledge of subject matter, and how students learn and develop; as well as how to create learning environments which

encourage positive social interactions and active participation. In addition, aspiring teachers will demonstrate how to adapt instructional and assessment strategies to the diverse needs, interests, and abilities of learners. It should be noted that Student Teaching II is considered a level III assessment where candidates are required to demonstrate their ability to plan, instruct and assess at a proficient to exemplary level of performance.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 5732 - Student Teaching I in Secondary Social Studies

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

5732

#### Course Title

Student Teaching I in Secondary Social Studies

#### Department(s)

Secondary Education and Youth Services

#### Description

This initial clinical experience is designed to provide undergraduates in the secondary education program with school-based classroom experiences that prepare them to effectively student teach at the secondary school level. Students are placed at a secondary school setting under the guidance of a school-based teacher and a college based supervisor.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 5734 - Student Teaching II in Secondary Social Studies

### Overview

#### Academic Institution

QNS01

**Subject area**  
SEYS

**Catalog Number**  
5734

**Course Title**  
Student Teaching II in Secondary Social Studies

**Department(s)**  
Secondary Education and Youth Services

**Description**  
School-based teaching experiences are provided that prepare student teachers to effectively teach students at the secondary school levels. Under the guidance of a cooperating teacher and a college-based supervisor students are expected to teach a minimum of one class. Students must earn a minimum grade of B to be recommended for NYS initial certification.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## SEYS 5742 - Initial Clinical Experience in Foreign Language for Secondary School

### Overview

**Academic Institution**  
QNS01

**Subject area**  
SEYS

**Catalog Number**  
5742

**Course Title**  
Initial Clinical Experience in Foreign Language for Secondary School

**Department(s)**  
Secondary Education and Youth Services

**Description**  
This initial clinical experience is designed to provide undergraduates in the secondary education program with school-based classroom experiences that prepare them to effectively student teach at the secondary school level. Students are placed at a secondary school setting under the guidance of a school-based teacher and a college based supervisor.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## SEYS 5744 - Student Teaching in Foreign Language for Secondary School

### Overview

**Academic Institution**  
QNS01

**Subject area**  
SEYS

**Catalog Number**  
5744

**Course Title**  
Student Teaching in Foreign Language for Secondary School

**Department(s)**  
Secondary Education and Youth Services

**Description**  
School-based teaching experiences are provided that prepare student teachers to effectively teach students at the secondary school levels. Under the guidance of a cooperating teacher and a college-based supervisor students are expected to teach a minimum of one class. Students must earn a minimum grade of B to be recommended for NYS initial certification.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## SEYS 575 - Supervised Student Teaching I in Visual Arts I

### Overview

**Academic Institution**  
QNS01

**Subject area**  
SEYS

**Catalog Number**  
575

**Course Title**  
Supervised Student Teaching I in Visual Arts I

**Department(s)**  
Secondary Education and Youth Services

**Description**  
Students will satisfy both elementary and secondary student-teaching placements in SEYS 575 (this course) and SEYS 576. The seminar course is for MAT and Post-Baccalaureate teacher candidates in the Art Education program during their school-based teaching experience that prepares them to teach Visual Arts in public schools. Students are expected to prepare lesson plans and will develop and maintain student teaching portfolios.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 576 - Supervised Student Teaching in Visual Arts II

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
576

#### Course Title

Supervised Student Teaching in Visual Arts II

#### Department(s)

Secondary Education and Youth Services

#### Description

3-4 periods of daily participation or its equivalent for 15 weeks in a public school setting. The course provides post baccalaureate students in the Art Education program with school-based teaching experience that prepares them to teach in public schools. Students are expected to prepare daily lesson plans and will develop and maintain student teaching portfolios

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 577 - Clinical Residency I

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
577

#### Course Title

Clinical Residency I

#### Department(s)

Secondary Education and Youth Services

#### Description

Clinical Residency I, is the first of three intensive clinical residencies. In this first clinical residency, candidates will have multiple, scaffolded opportunities to apply what they are learning in their college course work in real secondary (i.e., grades 7-12) classrooms as they endeavor to create safe and culturally sustaining learning environments that inspire critical engagement. Candidates will reflect on and revise their teaching practice in authentic, diverse, urban teaching situations within their respective content area specializations. Candidates will be provided with significant support from both faculty and mentor teachers so that by the end of the semester, candidates are well on their way to developing and demonstrating

knowledge, skills, and professional dispositions in fundamental aspects of pedagogy that are consistent with research-validated, discipline specific, best-practices for promoting student learning and well-being.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 578 - Clinical Residency II

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
578

#### Course Title

Clinical Residency II

#### Department(s)

Secondary Education and Youth Services

#### Description

Clinical Residency II, is the second of three intensive clinical residencies. During this second semester of clinical residency, candidates continue within their full-time clinical residency placements within New York City Public Schools and continue to have multiple opportunities to apply what they are learning in their college coursework in real secondary classrooms. Many of the scaffolded supports provided during SEYS 577 are systematically removed and candidates are expected to move towards the independent demonstration of instructional effectiveness. Candidates must successfully and independently be able to demonstrate knowledge, skills, and professional dispositions in: (a) designing and implementing coherent culturally sustaining instruction consistent with research-validated, discipline specific, best-practices, and (b) assessing the impact of their instruction in formative and summative ways in terms of promoting the learning and well-being of all students.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 579 - Clinical Residency III

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
SEYS                                      579

**Course Title**  
Clinical Residency III

**Department(s)**  
Secondary Education and Youth Services

**Description**  
Clinical Residency III, is the final of three intensive clinical residencies and provides multiple structured opportunities for candidates to apply and reflect on strategies, theories, and practices learned in college coursework through daily work with a mentor teacher in a host school within the mentor teacher's classroom. This course provides induction support to candidates during their final semester in the secondary level Transitional B MAT clinical residency programs as NYCDOE first-year teachers of record within their own classrooms. Specifically, this induction portion of the clinical residency sequence supports candidates' growth during the first semester of full-time teaching, helping candidates as novice teachers continue to develop knowledge, skills and professional dispositions related to designing, facilitating and implementing coherent instruction consistent with research-validated, discipline specific, best-practices; and assessing the impact of their instruction in formative and summative ways in terms of promoting the learning, well-being, and critical engagement of all students.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## SEYS 580 - Standards-Based Curriculum and Assessment in Teaching English

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
SEYS                                      580

**Course Title**  
Standards-Based Curriculum and Assessment in Teaching English

**Department(s)**  
Secondary Education and Youth Services

**Description**  
An examination of current standards-based curriculum and assessment strategies and how they can be transformed into effective classroom practice. This class is corequisite with SEYS 570b - 574b so as to enrich the student teacher's understanding of curriculum and assessment issues within an actual classroom. Special topics include strategies for preparing students for Standardized

Examinations, ways of integrating innovative curricula and technology in instruction, and assessment strategies for diverse student populations, including those with special needs.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## SEYS 581 - Standards-Based Curriculum and Assessment in Teaching Mathematics

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
SEYS                                      581

**Course Title**  
Standards-Based Curriculum and Assessment in Teaching Mathematics

**Department(s)**  
Secondary Education and Youth Services

**Description**  
An examination of current standards-based curriculum and assessment strategies and how they can be transformed into effective classroom practice. This class is corequisite with SEYS 570b - 574b so as to enrich the student teacher's understanding of curriculum and assessment issues within an actual classroom. Special topics include strategies for preparing students for Standardized Examinations, ways of integrating innovative curricula and technology in instruction, and assessment strategies for diverse student populations, including those with special needs.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## SEYS 582 - Standards-Based Curriculum and Assessment in Teaching Science

### Overview

**Academic Institution**  
QNS01



**Subject area**  
SEYS

**Catalog Number**  
582

**Course Title**  
Standards-Based Curriculum and Assessment in Teaching Science

**Department(s)**  
Secondary Education and Youth Services

**Description**  
An examination of current standards-based curriculum and assessment strategies and how they can be transformed into effective classroom practice. This class is corequisite with SEYS 570b - 574b so as to enrich the student teacher's understanding of curriculum and assessment issues within an actual classroom. Special topics include strategies for preparing students for Standardized Examinations, ways of integrating innovative curricula and technology in instruction, and assessment strategies for diverse student populations, including those with special needs.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## SEYS 583 - Standards-Based Curriculum and Assessment in Teaching Social Studies

### Overview

**Academic Institution**  
QNS01

**Subject area**  
SEYS

**Catalog Number**  
583

**Course Title**  
Standards-Based Curriculum and Assessment in Teaching Social Studies

**Department(s)**  
Secondary Education and Youth Services

**Description**  
An examination of current standards-based curriculum and assessment strategies and how they can be transformed into effective classroom practice. This class is corequisite with SEYS 570b - 574b so as to enrich the student teacher's understanding of curriculum and assessment issues within an actual classroom. Special topics include strategies for preparing students for Standardized Examinations, ways of integrating innovative curricula and technology in instruction, and assessment strategies for diverse student populations, including those with special needs.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## SEYS 584 - Standards-Based Curriculum and Assessment in Teaching Foreign Language

### Overview

**Academic Institution**  
QNS01

**Subject area**  
SEYS

**Catalog Number**  
584

**Course Title**  
Standards-Based Curriculum and Assessment in Teaching Foreign Language

**Department(s)**  
Secondary Education and Youth Services

**Description**  
An examination of current standards-based curriculum and assessment strategies and how they can be transformed into effective classroom practice. This class is corequisite with SEYS 570b - 574b so as to enrich the student teacher's understanding of curriculum and assessment issues within an actual classroom. Special topics include strategies for preparing students for Standardized Examinations, ways of integrating innovative curricula and technology in instruction, and assessment strategies for diverse student populations, including those with special needs.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## SEYS 700 - Language, Literacy, and Culture in Education.

### Overview

**Academic Institution**  
QNS01

**Subject area**  
SEYS

**Catalog Number**  
700

**Course Title**  
Language, Literacy, and Culture in Education.

**Department(s)**  
Secondary Education and Youth Services

**Description**  
Intended to deepen and broaden students' understanding of language development in adolescence, and multilingual, multicultural, and biliteracy issues in education. Particular emphasis will be given to the role of language and culture in a pluralistic and democratic society. Students will learn about the nature of language acquisition, English language proficiency for academic purposes, cross-cultural

understanding, second language development, and strategies for teaching subject matter knowledge to English Language Learners (ELL). Course content will focus on the characteristics and needs of ELL populations. Students will examine the instructional strategies of the teachers in relation to the unique needs of these populations. The literacy demands of content curricula in secondary schools will also be critically examined.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## SEYS 701 - A History of Ideas in Education.

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
SEYS	701

**Course Title**  
A History of Ideas in Education.

**Department(s)**  
Secondary Education and Youth Services

**Description**  
Intended to deepen and broaden students' understanding of language development in adolescence, and multilingual, multicultural, and biliteracy issues in education. Particular emphasis will be given to the role of language and culture in a pluralistic and democratic society. Students will learn about the nature of language acquisition, English language proficiency for academic purposes, cross-cultural understanding, second language development, and strategies for teaching subject matter knowledge to English Language Learners (ELL). Course content will focus on the characteristics and needs of ELL populations. Students will examine the instructional strategies of the teachers in relation to the unique needs of these populations. The literacy demands of content curricula in secondary schools will also be critically examined.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## SEYS 702 - The History of Education in the United States.

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
SEYS	702

**Course Title**  
The History of Education in the United States.

**Department(s)**  
Secondary Education and Youth Services

**Description**  
Intended to deepen and broaden students' understanding of language development in adolescence, and multilingual, multicultural, and biliteracy issues in education. Particular emphasis will be given to the role of language and culture in a pluralistic and democratic society. Students will learn about the nature of language acquisition, English language proficiency for academic purposes, cross-cultural understanding, second language development, and strategies for teaching subject matter knowledge to English Language Learners (ELL). Course content will focus on the characteristics and needs of ELL populations. Students will examine the instructional strategies of the teachers in relation to the unique needs of these populations. The literacy demands of content curricula in secondary schools will also be critically examined.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## SEYS 703 - Philosophies of Education: Critical Approaches and Ethical Practices

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
SEYS	703

**Course Title**  
Philosophies of Education: Critical Approaches and Ethical Practices

**Department(s)**  
Secondary Education and Youth Services

**Description**  
This course is designed to explore philosophical dimensions of educational policy and practice. Teachers will study major philosophical orientations of education, knowledge and ethics, focusing on the concepts of justice, equity, and other ideas that guide decision making in public education. They will critically engage with key philosophical texts, both classic and contemporary, and use case studies from a variety of educational contexts to grapple with "real life" ethical dimensions of education and schooling. Participants will look to theory and evidence in evaluating educational decisions and practices, with attention to the effects that school/

educator choices and actions have on others (including learners, families, other professionals, and various communities). As a culminating project, learners will work collaboratively to create and analyze their own original "real world" case studies.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 704 - Philosophies of Teaching and Learning and Digital Pedagogy

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

704

**Course Title**

Philosophies of Teaching and Learning and Digital Pedagogy

**Department(s)**

Secondary Education and Youth Services

**Description**

This course is aligned with NYC and NYS learning outcomes for digital citizenship as well as recommendations of the International Society for Technology in Education (ISTE). The course develops foundational knowledge of the history, purposes of and current state of digital citizenship education in K-12 settings. In this course, learners will be asked to analyze what it means to be a citizen of digital spaces and to consider the implications of educational technology for K12 teaching and learning as well as broader societal implications of technology use. This course aims to equip educators with knowledge, skills, and dispositions to bring digital citizenship into their classrooms in equitable, ethical, and meaningful ways. Learners will understand the historical context and present state of educational technologies through the lens of digital citizenship: legal obligation, various sets of learning standards, traditional frameworks of citizenship education, and research on youth and technology. Participants will learn how to integrate these topics into various content areas and to make informed decisions regarding teaching and learning with technologies. Throughout this course, learners will engage in discussions and assignments that encourage thinking critically about how to use online technologies in safe, ethical, equitable, and effective ways.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 705 - School and Society

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

705

**Course Title**

School and Society

**Department(s)**

Secondary Education and Youth Services

**Description**

This course will focus on the study of the institution of education, and on the structure, processes, and interaction patterns within it. It includes the subtle ways in which internal as well as wider social structural forces impinge upon or influence the pedagogy and the social processes in the classroom and in the school. Special attention is given to cultural diversity and alienation, poverty and inequality issues.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 706 - Globalization and Comparative Education

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

706

**Course Title**

Globalization and Comparative Education

**Department(s)**

Secondary Education and Youth Services

**Description**

In this course we will discuss responses of different governments around the world to common educational problems such as governance, financing, and provisions of mass education. We will also consider the equality of educational opportunity and outcome for differently situated social groups, especially those traditionally marginalized: women, ethnic minorities, rural populations, and working class.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 707 - Major Issues in Education

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
707

Course Title  
Major Issues in Education

Department(s)  
Secondary Education and Youth Services

**Description**  
In this course we will discuss responses of different governments around the world to common educational problems such as governance, financing, and provisions of mass education. We will also consider the equality of educational opportunity and outcome for differently situated social groups, especially those traditionally marginalized: women, ethnic minorities, rural populations, and working class.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 708 - Seminar in Theoretical Study of Education.

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
708

Course Title  
Seminar in Theoretical Study of Education.

Department(s)  
Secondary Education and Youth Services

**Description**  
In this course we will discuss responses of different governments around the world to common educational problems such as governance, financing, and provisions of mass education. We will also consider the equality of educational opportunity and outcome for differently situated social groups, especially those traditionally marginalized: women, ethnic minorities, rural populations, and working class.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 709 - Humanistic Psychology: Educational Applications.

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
709

Course Title  
Humanistic Psychology: Educational Applications.

Department(s)  
Secondary Education and Youth Services

**Description**  
In this course we will discuss responses of different governments around the world to common educational problems such as governance, financing, and provisions of mass education. We will also consider the equality of educational opportunity and outcome for differently situated social groups, especially those traditionally marginalized: women, ethnic minorities, rural populations, and working class.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 710 - The Psychology of Adolescence

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
710

Course Title  
The Psychology of Adolescence

Department(s)  
Secondary Education and Youth Services

**Description**

In this course we will discuss responses of different governments around the world to common educational problems such as governance, financing, and provisions of mass education. We will also consider the equality of educational opportunity and outcome for differently situated social groups, especially those traditionally marginalized: women, ethnic minorities, rural populations, and working class.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 711 - Workshop in Art Education in the Elementary School

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

711

**Course Title**

Workshop in Art Education in the Elementary School

**Department(s)**

Secondary Education and Youth Services

**Description**

May be repeated for credit if topic is changed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

2

**Maximum Units**

2

## SEYS 712 - Workshop in Visual Thinking

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

712

**Course Title**

Workshop in Visual Thinking

**Department(s)**

Secondary Education and Youth Services

**Description**

An advanced course in art education with emphasis on the understanding and development of visual thinking and perceptual awareness. This course attempts to increase the student's ability to observe, remember, visualize, analyze, and discuss visual phenomena and art. Various media and techniques will be utilized.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 714 - World Language Program Design

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

714

**Course Title**

World Language Program Design

**Department(s)**

Secondary Education and Youth Services

**Description**

This course examines administrative program needs, requirements, key stakeholders and best practices in assessment systems for designing a vertically articulated, K-12 program across levels, buildings, and schools. Participants will develop program curricula for differentiated levels of proficiency targets, including performance based assessment and student self-assessment statements for content and intercultural competence.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 715 - Language Acquisition and Learning for Bilingual Students

**Overview****Academic Institution**

QNS01

**Subject area**  
SEYS

**Catalog Number**  
715

**Course Title**  
Language Acquisition and Learning for Bilingual Students

**Department(s)**  
Secondary Education and Youth Services

**Description**  
The course examines the theories, principles, and processes of L1 and L2 acquisition and learning for secondary bilingual students. It explores bilingual language acquisition and learning through linguistic, sociolinguistic, cognitive, cultural, and psycholinguistic lenses. It discusses various research methods used to study and assess bilingual language acquisition and learning with their implications for teaching. 10-15 hours of fieldwork is required.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## SEYS 716 - Bilingual Education: Theory and Practices

### Overview

**Academic Institution**  
QNS01

**Subject area**  
SEYS

**Catalog Number**  
716

**Course Title**  
Bilingual Education: Theory and Practices

**Department(s)**  
Secondary Education and Youth Services

**Description**  
This course is designed to provide students in the secondary bilingual education program with an understanding of bilingualism and bilingual education in the U.S. The course addresses the historical and theoretical conceptualization of bilingual education in the U.S. Through the course readings, video viewings, discussions, fieldwork, and writings, students will gain a critical understanding of 1) key historical and legal events leading to bilingual education and equity education for emergent bilinguals in the U.S. 2) sociocultural and linguistic aspects of bilingual communities and schools 3) key teaching and learning principles guiding practices of Dual Language (DL) and Transitional Bilingual Education (TBE) programs to respond to the needs of emergent bilinguals who are also English language learners(ELLs).

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## SEYS 716 - Bilingual Education: Theory and Practices

### Overview

**Academic Institution**  
QNS01

**Subject area**  
SEYS

**Catalog Number**  
716

**Course Title**  
Bilingual Education: Theory and Practices

**Department(s)**  
Secondary Education and Youth Services

**Description**  
This course is designed to provide students in the secondary bilingual education program with an understanding of bilingualism and bilingual education in the U.S. The course addresses the historical and theoretical conceptualization of bilingual education in the U.S. Through the course readings, video viewings, discussions, fieldwork, and writings, students will gain a critical understanding of 1) key historical and legal events leading to bilingual education and equity education for emergent bilinguals in the U.S. 2) sociocultural and linguistic aspects of bilingual communities and schools 3) key teaching and learning principles guiding practices of Dual Language (DL) and Transitional Bilingual Education (TBE) programs to respond to the needs of emergent bilinguals who are also English language learners (ELLs).

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

**Minimum Units**  
3

**Maximum Units**  
3

## SEYS 717 - Learning Theory in Education.

### Overview

**Academic Institution**  
QNS01

**Subject area**  
SEYS

**Catalog Number**  
717

**Course Title**  
Learning Theory in Education.

**Department(s)**  
Secondary Education and Youth Services

**Description**

An advanced course in art education with emphasis on the understanding and development of visual thinking and perceptual awareness. This course attempts to increase the student's ability to observe, remember, visualize, analyze, and discuss visual phenomena and art. Various media and techniques will be utilized.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 718 - Classroom Management

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

718

**Course Title**

Classroom Management

**Department(s)**

Secondary Education and Youth Services

**Description**

Principles and practices of classroom management in secondary schools with a focus on dealing with behavior and discipline problems.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 719 - Understanding Group Behavior and Cultural Differences in Schools

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

719

**Course Title**

Understanding Group Behavior and Cultural Differences in Schools

**Department(s)**

Secondary Education and Youth Services

**Description**

A fundamental goal of education is to promote the intellectual, social and personal development of all students including but not limited to each one's fullest potential. A key assumption of this course is that educational planning and intervention adaptive to the diverse needs of learners are primary mechanisms for enabling this goal attainment. . Themes such as equity, pluralism, acculturation and identity will be used to promote teachers' understanding of discipline-based teaching and learning for students from diverse linguistic, racial, gender, and religious backgrounds and students with diverse sexual orientations. Particular attention will be focused on how teachers' understanding of diversity influences on behavior impact their decision making and judgment with respect to four major areas of the teacher's work: instructional planning, assessment, instruction, and curriculum.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 720 - The Education of Immigrants' Children in the United States.

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

720

**Course Title**

The Education of Immigrants' Children in the United States.

**Department(s)**

Secondary Education and Youth Services

**Description**

This course will deal with international migration to the United States from a historical perspective, including the development of United States immigration policies and their impact on the sociocultural adaptation of immigrants to the host society, especially in relation to the education of young people. The course will address issues of discrimination, differential socialization, and multicultural problems. Students are expected to acquire first-hand experience by interacting with a recent immigrant family and following the educational experience of recent immigrant students presently attending a school in the United States.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**SEYS 722 - Oral History in the Secondary Classroom.****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	722

**Course Title**  
Oral History in the Secondary Classroom.

**Department(s)**  
Secondary Education and Youth Services

**Description**  
An introduction to the field of oral history, including techniques and philosophies behind using oral history and using historical recordings in the classroom. Students will collect life histories (and transcribe and present them), design assignments involving historical recordings, review and prepare an oral history project proposal that will include a plan for the management and presentation of the collected histories. Also suitable for history graduate students (see History department graduate advisor).

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**SEYS 724 - Teaching as Social Practice in the Arts****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	724

**Course Title**  
Teaching as Social Practice in the Arts

**Department(s)**  
Secondary Education and Youth Services

**Description**  
This course will consider the connection between art making and the teaching of art. The course focuses on the ideas of art as social action, community based research and art practice, and socially engaged art and its relationship to pedagogy. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**SEYS 725 - Community and Culture in Art Education****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	725

**Course Title**  
Community and Culture in Art Education

**Department(s)**  
Secondary Education and Youth Services

**Description**  
This course will explore the role of culture and community in multiple arts settings with an emphasis on community building and culturally relevant pedagogy. This course has an M&T Fee. For more info visit: <http://qc.cuny.edu/?id=JU9F>

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**SEYS 727 - Topics in Art Education****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	727

**Course Title**  
Topics in Art Education

**Department(s)**  
Secondary Education and Youth Services

**Description**  
This course will examine current research in art education and how it applies to teaching in the art room.



**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SEYS 732 - Seminar in Art Education****Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

732

**Course Title**

Seminar in Art Education

**Department(s)**

Secondary Education and Youth Services

**Description**

Prereq.: Completion of the undergraduate sequence in art education or experience in teaching secondary school art.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SEYS 739 - Culturally Relevant Pedagogy****Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

739

**Course Title**

Culturally Relevant Pedagogy

**Department(s)**

Secondary Education and Youth Services

**Description**

Culturally responsive, relevant, appropriate, responsible, inclusive, congruent, compatible and sensitive are all terms used to describe teaching that strives to meet the needs of diverse students. Culturally responsive teachers consciously attempt to bridge divides between students' experiences in their homes and

communities and those in their classrooms and schools. This course will focus on culturally relevant pedagogy from multiple perspectives and is aimed at teachers of all content areas. After taking this course, teachers will have a deeper knowledge of the issues surrounding culturally relevant pedagogy and will know how to best incorporate this knowledge into their teaching in a multitude of ways.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SEYS 740 - The Teaching of Reading in the Secondary School****Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

740

**Course Title**

The Teaching of Reading in the Secondary School

**Department(s)**

Secondary Education and Youth Services

**Description**

Examination of current literature relating to the analysis of teaching. Study of recent research and other materials on the nature of teaching.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SEYS 741 - Literature for Adolescents.****Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

741

**Course Title**

Literature for Adolescents.

**Department(s)**

Secondary Education and Youth Services

**Description**

Examination of current literature relating to the analysis of teaching. Study of recent research and other materials on the nature of teaching.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 743 - Curriculum and Instruction in Foreign Language Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

743

**Course Title**

Curriculum and Instruction in Foreign Language Education

**Department(s)**

Secondary Education and Youth Services

**Description**

The course examines advanced elements and/or issues of foreign language pedagogy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 744 - Methods and Materials in Teaching English to Speakers of Other Languages in the Content Areas.

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

744

**Course Title**

Methods and Materials in Teaching English to Speakers of Other Languages in the Content Areas.

**Department(s)**

Secondary Education and Youth Services

**Description**

This course will provide training in the teaching of speaking, reading, writing, and comprehension in English to speakers of other languages at all grade levels. The course will include materials and techniques for teaching English to speakers of other languages through mathematics, science, and social studies.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 745 - Reading and Writing for Diverse Students in Content Areas

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

745

**Course Title**

Reading and Writing for Diverse Students in Content Areas

**Department(s)**

Secondary Education and Youth Services

**Description**

Designed for implementing effective instructional strategies for teaching linguistically and culturally diverse students. The course focuses on these students' difficulties with reading and writing in English in content areas and how to structure an integrated content and language and literacy instruction which addresses these students' needs and prepares them for challenging academic work across disciplines.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 746 - Multicultural Literature

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

746

#### Course Title

Multicultural Literature

#### Department(s)

Secondary Education and Youth Services

#### Description

A survey of literature works from/about African, Asian, Caribbean, Hispanic cultures, etc. for use in middle and high school English language arts classes. The course focuses on a critical examination of curricular and pedagogical issues salient to teaching multicultural literature and developing ways of promoting cross-cultural understanding and approaches for including multicultural literature in the school curriculum.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 747 - Multiple Literacies in English Language

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

747

#### Course Title

Multiple Literacies in English Language

#### Department(s)

Secondary Education and Youth Services

#### Description

This course focuses on curriculum issues related to writing and expression as mediated by the various conceptions of literacy among students and teachers in ELA classrooms. We will pay particular attention to the ways in which literacy, defined as social practice, is informed and mediated by students' identities. In addition to considering historical and political assumptions and functions of literacy in an increasingly globalized and digitized age, we will engage in our own explorations of a variety of rhetorical modes and critical literacies, as well as examine the benefits and challenges of broadening definitions of literacy in contemporary ELA classrooms. As we work toward developing culturally sustaining (Paris, 2012) curricula and pedagogies, we will also examine the contexts in which students develop identities as writers as well as which of students' multiple literacies (including digital, hip hop and/or home literacies, for

Academic Career supported and/or excluded by "academic" conventions and other standards in literacy practices in the current educational context of standardization and accountability.

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 748 - Contemporary Issues in English Language Arts

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

748

#### Course Title

Contemporary Issues in English Language Arts

#### Department(s)

Secondary Education and Youth Services

#### Description

In this course, we examine contemporary discourse and practice around writing instruction in the secondary English Language Arts (ELA) classroom. School-based composition is often framed and assessed as a specific set of discrete skills that can be developed through decontextualized "best practices." We will interrogate the assumptions about writing and literacy that sustain these practices and contextualize them within larger (settler) colonial projects. Ultimately, we will develop our own writing philosophies and associated curricular innovations and pedagogical moves.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 750 - Mathematics in the Junior High or Middle School.

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

750

**Course Title**

Mathematics in the Junior High or Middle School.

**Department(s)**

Secondary Education and Youth Services

**Description**

The focus of the course is on the improvement of instruction through the examination of the most current issues concerning mathematics instruction in the middle school and the latest curriculum, instructional strategies, manipulatives, and technologies that can be used to enhance the learning of mathematics for all junior high and middle school students.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 751 - Mathematics in the Secondary School.

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

751

**Course Title**

Mathematics in the Secondary School.

**Department(s)**

Secondary Education and Youth Services

**Description**

The focus of the course is on the improvement of instruction through the examination of the most current issues concerning mathematics and computer science instruction in the secondary school and the latest curriculum, instructional strategies, manipulatives, and technologies that can be used to enhance the learning of mathematics and computer science for all secondary school students

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 752 - Problems in Teaching General Science in the Junior High School.

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

752

**Course Title**

Problems in Teaching General Science in the Junior High School.

**Department(s)**

Secondary Education and Youth Services

**Description**

The focus of the course is on the improvement of instruction through the examination of the most current issues concerning mathematics instruction in the secondary school and the latest curriculum, instructional strategies, manipulatives, and technologies that can be used to enhance the learning of mathematics for all secondary school students.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 753 - Digital Applications in Science and Technology Education

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

753

**Course Title**

Digital Applications in Science and Technology Education

**Department(s)**

Secondary Education and Youth Services

**Description**

Science teacher candidates enrolled in this course will examine the fundamental issues, concepts, and best practices surrounding the use of multimedia in science education. They will learn how to use multimedia digital systems, hardware, software, and Internet resources to support science instruction at the secondary level. Some of the teaching and learning activities will take place online.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 754 - Curriculum Innovations in Science Education

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
754

#### Course Title

Curriculum Innovations in Science Education

#### Department(s)

Secondary Education and Youth Services

#### Description

Students enrolled in this course will learn how to design innovative science curriculum products that are project-based, student-centered and address the needs of diverse learners at the secondary level. Candidates will be assigned a series of curriculum development tasks, which will require individual and collaborative effort. All tasks will be compiled into a comprehensive curriculum product and presented at the end of the course for peer review.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 755 - Practical Applications in Educational Technology

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
755

#### Course Title

Practical Applications in Educational Technology

#### Department(s)

Secondary Education and Youth Services

#### Description

This course will teach educators how to appropriately assess technology for integration in their classrooms. It will also support organization and creation of a Learning Management System (LMS). Topics include digital applications, content creation, assessment, and technological pedagogical content knowledge (TPCK). This new course will be added to the elective pool for both the Science MSEd and MAT along with the current offerings, SEYS 753 and 754. This fourth elective option will give the faculty the option of rotating these four elective classes for

different populations of students, will increase the fully online offerings in both graduate science programs, and will enhance both graduate programs with regard to courses addressing student use of technology.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 756 - Mobile Science: Data-Based Decision Making

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
756

#### Course Title

Mobile Science: Data-Based Decision Making

#### Department(s)

Secondary Education and Youth Services

#### Description

This course is designed to tap student motivation by using personal technologies such as mobile phones and tablets as tools for conducting authentic science investigations. The workshop provides tools to find and use real-time data and the analytical pedagogical foundation of how to use large data sets to engage students in detecting patterns in the natural environment. Data analytics is especially important in the 21st century because of two advances: computational power and a veritable explosion in the quantity of collected data.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYS 757 - Student Use of Technology

### Overview

Academic Institution  
QNS01

Subject area  
SEYS

Catalog Number  
757

**Course Title**

Student Use of Technology

**Department(s)**

Secondary Education and Youth Services

**Description**

Technology in the hands of students provides previously inconceivable opportunities especially in creativity, collaboration, and content knowledge. This course will present pedagogical techniques to enhance student use of technology in a cognitively stimulating and meaningful way. A focus on essential 21st Century skills will develop teachers' technological pedagogical content knowledge.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 758 - Cognition in Learning Science and Mathematics

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

758

**Course Title**

Cognition in Learning Science and Mathematics

**Department(s)**

Secondary Education and Youth Services

**Description**

This course examines current trends in science and a mathematics teaching influenced by cognitive learning theory, the rise of the constructivist and neuro-constructivist approaches to learning, the use of social-interactive learning as an important instructional practice, and the use of inquiry teaching-all of which involves students in metacognition and real-life problem solving.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 760 - Curriculum Innovations in the Social Studies

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

760

**Course Title**

Curriculum Innovations in the Social Studies

**Department(s)**

Secondary Education and Youth Services

**Description**

Students enrolled in this course will learn how to design innovative science curriculum products that are project-based, student-centered and address the needs of diverse learners at the secondary level. Candidates will be assigned a series of curriculum development tasks, which will require individual and collaborative effort. All tasks will be compiled into a comprehensive curriculum product and presented at the end of the course for peer review.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 761 - Law and the Social Studies.

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

761

**Course Title**

Law and the Social Studies.

**Department(s)**

Secondary Education and Youth Services

**Description**

Students enrolled in this course will learn how to design innovative science curriculum products that are project-based, student-centered and address the needs of diverse learners at the secondary level. Candidates will be assigned a series of curriculum development tasks, which will require individual and collaborative effort. All tasks will be compiled into a comprehensive curriculum product and presented at the end of the course for peer review.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**SEYS 762 - Teaching History as Mystery****Overview**Academic Institution  
QNS01Subject area  
SEYSCatalog Number  
762Course Title  
Teaching History as MysteryDepartment(s)  
Secondary Education and Youth Services

**Description**  
Training teachers to use instructional techniques that foster students' cognitive skills in asking and answering application, analysis, synthesis, and evaluation questions. Applications of cognitive theories through workshop participation with problem-solving and application of selected questioning strategies. Examination of the current literature concerning contemporary practice in questioning techniques.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**SEYS 763 - Mass Media in School and Society.****Overview**Academic Institution  
QNS01Subject area  
SEYSCatalog Number  
763Course Title  
Mass Media in School and Society.Department(s)  
Secondary Education and Youth Services

**Description**  
An examination of the media of mass communication from the point of view of the teacher. The focus of the course is on the improvement of instruction through a critical-evaluative study of the bases, processes, techniques, and probable effects of mass media on school and society.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**SEYS 764 - The Secondary School Curriculum: Current Theories and Controversies.****Overview**Academic Institution  
QNS01Subject area  
SEYSCatalog Number  
764Course Title  
The Secondary School Curriculum: Current Theories and Controversies.Department(s)  
Secondary Education and Youth Services

**Description**  
This course will explore the complexities of teaching and learning from multiple perspectives. Assignments and class discussions will encourage teachers to view current educational theories and controversies through various overlapping, dynamic lenses, so that they will be better prepared to facilitate learning in their secondary classrooms. The relationships between current theories and controversies, as well as issues of class, race, power, and social justice in secondary school curriculum design and instruction are the major topics that will be addressed. It is the objective of this course that teachers will come away with their own personal, highly developed philosophies and practices, concerning current theories and controversies and be well-versed in the current research and discourse surrounding their secondary school curricula.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**SEYS 765 - Differentiated Teaching for Diverse Learners In Secondary Schools****Overview**Academic Institution  
QNS01Subject area  
SEYSCatalog Number  
765Course Title  
Differentiated Teaching for Diverse Learners In Secondary Schools

**Department(s)**

Secondary Education and Youth Services

**Description**

An examination of the media of mass communication from the point of view of the teacher. The focus of the course is on the improvement of instruction through a critical-evaluative study of the bases, processes, techniques, and probable effects of mass media on school and society.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**SEYS 7662 - Workshop in Junior High School Education**

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7662

**Course Title**

Workshop in Junior High School Education

**Department(s)**

Secondary Education and Youth Services

**Description**

May be repeated for credit if topic is changed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

**SEYS 7663 - Workshop in Junior High School Education**

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7663

**Course Title**

Workshop in Junior High School Education

**Department(s)**

Secondary Education and Youth Services

**Description**

May be repeated for credit if topic is changed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**SEYS 7664 - Workshop in Junior High School Education**

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7664

**Course Title**

Workshop in Junior High School Education

**Department(s)**

Secondary Education and Youth Services

**Description**

May be repeated for credit if topic is changed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

**SEYS 7671 - Workshop in Secondary Education**

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7671

**Course Title**

Workshop in Secondary Education



**Department(s)**

Secondary Education and Youth Services

**Description**

May be repeated for credit if topic is changed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

1

**Maximum Units**

1

## SEYS 7672 - Workshop in Secondary Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7672

**Course Title**

Workshop in Secondary Education

**Department(s)**

Secondary Education and Youth Services

**Description**

May be repeated for credit if topic is changed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

2

**Maximum Units**

2

## SEYS 7673 - Workshop in Secondary Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7673

**Course Title**

Workshop in Secondary Education

**Department(s)**

Secondary Education and Youth Services

**Description**

May be repeated for credit if topic is changed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 7674 - Workshop in Secondary Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7674

**Course Title**

Workshop in Secondary Education

**Department(s)**

Secondary Education and Youth Services

**Description**

May be repeated for credit if topic is changed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

4

**Maximum Units**

4

## SEYS 768 - Measurement and Assessment in Education

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

768

**Course Title**

Measurement and Assessment in Education

**Department(s)**

Secondary Education and Youth Services

**Description**

Recent trends and practices in measurement and assessment in various aspects of the school. Experience will be provided in the construction of assessment instruments and in the interpretation and use of data.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

## SEYS 769 - Scientific Approach to Educational Problems

**Overview**

Academic Institution

QNS01

Subject area

SEYS

Catalog Number

769

Course Title

Scientific Approach to Educational Problems

Department(s)

Secondary Education and Youth Services

**Description**

Recent trends and practices in measurement and evaluation in various aspects of the school. Experience will be provided in the construction of evaluative instruments and in the interpretation and use of data.

Academic Career

Graduate

Liberal Arts

Yes

Permission Type

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

## SEYS 770 - Scientific Approach to Educational Problems

**Overview**

Academic Institution

QNS01

Subject area

SEYS

Catalog Number

770

Course Title

Scientific Approach to Educational Problems

**Department(s)**

Secondary Education and Youth Services

**Description**

Recent trends and practices in measurement and evaluation in various aspects of the school. Experience will be provided in the construction of evaluative instruments and in the interpretation and use of data.

Academic Career

Graduate

Liberal Arts

Yes

Permission Type

Department Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

## SEYS 771 - Seminar in Research in Educational Foundations.

**Overview**

Academic Institution

QNS01

Subject area

SEYS

Catalog Number

771

Course Title

Seminar in Research in Educational Foundations.

Department(s)

Secondary Education and Youth Services

**Description**

Examination and evaluation of research in educational foundations: philosophy, history, comparative education. Topics to be announced each year.

Academic Career

Graduate

Liberal Arts

Yes

Permission Type

No Special Consent Required

**Credits**

Minimum Units

3

Maximum Units

3

## SEYS 772 - Seminar in Research in Educational Foundations

**Overview**

Academic Institution

QNS01

Subject area

SEYS

Catalog Number

772

**Course Title**

Seminar in Research in Educational Foundations

**Department(s)**

Secondary Education and Youth Services

**Description**

Examination and evaluation of research in educational foundations: philosophy, history, comparative education. Topics to be announced each year.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 773 - Seminar in Research in Art Education.

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

773

**Course Title**

Seminar in Research in Art Education.

**Department(s)**

Secondary Education and Youth Services

**Description**

SEYS 773 prepares students for research projects. It is a prerequisite to SEYS 774 and does not satisfy the research requirement. In SEYS 774, students complete the required research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 774 - Seminar in Research in Art Education.

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

774

**Course Title**

Seminar in Research in Art Education.

**Department(s)**

Secondary Education and Youth Services

**Description**

SEYS 773 prepares students for research projects. It is a prerequisite to SEYS 774 and does not satisfy the research requirement. In SEYS 774, students complete the required research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 775 - Seminar in Research in Mathematics Education

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

775

**Course Title**

Seminar in Research in Mathematics Education

**Department(s)**

Secondary Education and Youth Services

**Description**

For SEYS 775, matriculation in MS in Education (mathematics) program, or MSED in Teaching Math and Computer Science program, or MAT (in mathematics) program, 20 credits in graduate program, 30 credits in mathematics (undergraduate and graduate), and SEYS 751 (for MSED students)

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 776 - Seminar in Research in Mathematics Education

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

776

#### Course Title

Seminar in Research in Mathematics Education

#### Department(s)

Secondary Education and Youth Services

#### Description

SEYS 773 prepares students for research projects. It is a prerequisite to SEYS 774 and does not satisfy the research requirement. In SEYS 774, students complete the required research project.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

Department Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 777 - Seminar in Research in Science Education I

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

777

#### Course Title

Seminar in Research in Science Education I

#### Department(s)

Secondary Education and Youth Services

#### Description

The course focuses on educational research methodology to prepare students to use appropriate models, research designs, and evaluation techniques and to study educational problems in the areas of science and technology. Students will develop a proposal for a science education field-based research project that will be conducted in SEYS 778.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 778 - Seminar in Research in Science Education II

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

778

#### Course Title

Seminar in Research in Science Education II

#### Department(s)

Secondary Education and Youth Services

#### Description

This course is the second of two consecutive courses in research techniques and research study findings in science education. The objective is to introduce graduates to tools used in research and study how data are used to look more carefully at cause and effect in teaching and learning. In the process, graduates will complete an original research study in an area of interest. The study is expected to be well-designed and follow the appropriate APA format for a publishable paper. Quantitative studies that rely on numerical data analysis and qualitative studies that rely more heavily on observational, descriptive measures will be reviewed. Further, common statistical procedures used in various studies will be discussed.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

Department Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYS 779 - Seminar in Research in Psychological Foundations.

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

779

#### Course Title

Seminar in Research in Psychological Foundations.

#### Department(s)

Secondary Education and Youth Services

#### Description

SEYS 773 prepares students for research projects. It is a prerequisite to SEYS 774 and does not satisfy the research requirement. In SEYS 774, students complete the required research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 780 - Seminar in Research in Psychological Foundations.

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

780

**Course Title**

Seminar in Research in Psychological Foundations.

**Department(s)**

Secondary Education and Youth Services

**Description**

SEYS 773 prepares students for research projects. It is a prerequisite to SEYS 774 and does not satisfy the research requirement. In SEYS 774, students complete the required research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 781 - Seminar in Research in Language Arts.

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

781

**Course Title**

Seminar in Research in Language Arts.

**Department(s)**

Secondary Education and Youth Services

**Description**

SEYS 773 prepares students for research projects. It is a prerequisite to SEYS 774 and does not satisfy the research requirement. In SEYS 774, students complete the required research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 782 - Seminar in Research in Language Arts.

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

782

**Course Title**

Seminar in Research in Language Arts.

**Department(s)**

Secondary Education and Youth Services

**Description**

SEYS 773 prepares students for research projects. It is a prerequisite to SEYS 774 and does not satisfy the research requirement. In SEYS 774, students complete the required research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 783 - Seminar in Research in the Teaching of Social Studies.

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

783

**Course Title**

Seminar in Research in the Teaching of Social Studies.

**Department(s)**

Secondary Education and Youth Services

**Description**

SEYS 773 prepares students for research projects. It is a prerequisite to SEYS 774 and does not satisfy the research requirement. In SEYS 774, students complete the required research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**SEYS 784 - Seminar in Research in the Teaching of Social Studies**

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

784

**Course Title**

Seminar in Research in the Teaching of Social Studies

**Department(s)**

Secondary Education and Youth Services

**Description**

SEYS 773 prepares students for research projects. It is a prerequisite to SEYS 774 and does not satisfy the research requirement. In SEYS 774, students complete the required research project.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**SEYS 785 - Seminar Research in Foreign Language Education**

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

785

**Course Title**

Seminar Research in Foreign Language Education

**Department(s)**

Secondary Education and Youth Services

**Description**

Completion of SEYS 743 or its equivalent is a degree requirement and prerequisite or corequisite for this course. SEYS 785 is a prerequisite for SEYS 786.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**SEYS 786 - Advanced Seminar in Research in Foreign Language Education.**

**Overview**

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

786

**Course Title**

Advanced Seminar in Research in Foreign Language Education.

**Department(s)**

Secondary Education and Youth Services

**Description**

Students will conduct a research project in foreign language that will expand on the literature review begun in SEYS 785. Students will write a detailed plan for the research project including research design, data sources, and participants. They will act on that plan by data collection and analysis, and write a teacher research report.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SEYS 787 - Seminar in Action Research in Secondary Education and Technology

### Overview

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

787

**Course Title**

Seminar in Action Research in Secondary Education and Technology

**Department(s)**

Secondary Education and Youth Services

**Description**

This course is for secondary (7-12) teachers who already hold professional certification, aimed at enhancing their understanding of educational technology and improving their practice through action research that they conduct in their own classrooms. The basic tenets of action research will be explored, and teachers will be asked to critically evaluate research in technology and education and then design their own inquiries around instructional technology in education across all secondary content areas.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3

## SEYS 7901 - Independent Study

### Overview

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7901

**Course Title**

Independent Study

**Department(s)**

Secondary Education and Youth Services

**Description**

Independent study or special project under the supervision of a departmental faculty member. This course may be repeated for credit if the topic is changed for a maximum of 6 credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

1

**Maximum Units**

1

## SEYS 7902 - Independent Study

### Overview

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7902

**Course Title**

Independent Study

**Department(s)**

Secondary Education and Youth Services

**Description**

Independent study or special project under the supervision of a departmental faculty member. This course may be repeated for credit if the topic is changed for a maximum of 6 credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

2

**Maximum Units**

2

## SEYS 7903 - Independent Study

### Overview

**Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

7903

**Course Title**

Independent Study

**Department(s)**

Secondary Education and Youth Services

**Description**

Independent study or special project under the supervision of a departmental faculty member. This course may be repeated for credit if the topic is changed for a maximum of 6 credits.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**SEYS 7904 - Independent Study****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	7904

**Course Title**  
Independent Study

**Department(s)**  
Secondary Education and Youth Services

**Description**  
Independent study or special project under the supervision of a departmental faculty member. This course may be repeated for credit if the topic is changed for a maximum of 6 credits.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
4	4

**SEYS 7905 - Independent Study****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	7905

**Course Title**  
Independent Study

**Department(s)**  
Secondary Education and Youth Services

**Description**  
Independent study or special project under the supervision of a departmental faculty member. This course may be repeated for credit if the topic is changed for a maximum of 6 credits.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
5	5

**SEYS 7906 - Independent Study****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	7906

**Course Title**  
Independent Study

**Department(s)**  
Secondary Education and Youth Services

**Description**  
Independent study or special project under the supervision of a departmental faculty member. This course may be repeated for credit if the topic is changed for a maximum of 6 credits.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
6	6

**SEYS 792 - Developing Algebraic Thinking in the Middle School Classroom****Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SEYS	792

**Course Title**  
Developing Algebraic Thinking in the Middle School Classroom

**Department(s)**  
Secondary Education and Youth Services

**Description**  
Developing algebraic thinking is more than simply practicing how to "solve for x." It involves recognizing patterns, modeling relationships between and among quantities, comparing and analyzing quantitative relationships, variables and functions, and nontraditional, non-routine problem solving. This course will build on these ideas and provide suggestions and methods for developing algebraic thinking in the middle grades. Admission is limited, competitive, and open to teachers of mathematics that hold master's degrees.

**Academic Career**  
Graduate



**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 793 - Mathematical Initiatives and Methods in The Middle Grades

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

793

**Course Title**

Mathematical Initiatives and Methods in The Middle Grades

**Department(s)**

Secondary Education and Youth Services

**Description**

The course will start by developing teaching ideas and methods in a math classroom in the middle grades to reach, challenge, and engage all learners. Participants' mindsets, cultures, and experiences will be brought out and developed to create stronger problem solvers who persevere and are not afraid to try other strategies. The second part of the course will help teachers plan and facilitate cross-content lessons and units throughout the middle grades through the lens of the STEAM initiative. Students will be expected to share ideas both synchronously and asynchronously.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 794 - Mathematical Foundations of the Secondary School Curriculum

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

794

**Course Title**

Mathematical Foundations of the Secondary School Curriculum

**Department(s)**

Secondary Education and Youth Services

**Description**

The purpose of this course is to engage participants in mathematical experiences that will enable them to gain a deeper understanding and enjoyment of the mathematics they are teaching, particularly those underlying algebraic concepts and procedures. They will examine and share the higher-level ideas that underlie the concepts. There will be an emphasis on student misconceptions and how teachers can address them. This course will also focus on vertical planning and future mathematical studies.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 795 - Issues and Applications in Secondary School Algebra

**Overview****Academic Institution**

QNS01

**Subject area**

SEYS

**Catalog Number**

795

**Course Title**

Issues and Applications in Secondary School Algebra

**Department(s)**

Secondary Education and Youth Services

**Description**

The purpose of this course is to take an advanced perspective on the teaching of secondary school mathematics with the aim of helping participants become more informed, more effective, and more reflective mathematics teachers. While it is agreed that there is no one best way to teach mathematics, research has indicated that learning occurs best when students are placed at the center of instruction and are actively engaged in constructing their own understandings. In this course we will examine the many issues concerning mathematics instruction and the latest applications associated with curriculum, instructional strategies, manipulatives, and technologies that can be used to enhance the learning of mathematics for all students.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYS 796 - Mathematics Content, Pedagogy, and Mindset: A Capstone Course

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYS

#### Catalog Number

796

#### Course Title

Mathematics Content, Pedagogy, and Mindset: A Capstone Course

#### Department(s)

Secondary Education and Youth Services

#### Description

This capstone course allows participants to synthesize the major ideas of the program in Developing Algebraic Thinking by completing an "action research" project. This project will involve a review of related literature and will allow for collaboration, including remote class intervisitation and observation.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYSG 550 - Interdisciplinary Teaching Part I

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYSG

#### Catalog Number

550

#### Course Title

Interdisciplinary Teaching Part I

#### Department(s)

Secondary Education and Youth Services

#### Description

Interdisciplinary Teaching Part I

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYSG 551 - Interdis. Tch. Part II

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYSG

#### Catalog Number

551

#### Course Title

Interdis. Tch. Part II

#### Department(s)

Secondary Education and Youth Services

#### Description

Interdis. Tch. Part II

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYSL 700 - Research Investigation for Literacy Instruction I.

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYSL

#### Catalog Number

700

#### Course Title

Research Investigation for Literacy Instruction I.

#### Department(s)

Secondary Education and Youth Services

#### Description

The first of two courses in the study, understanding, and evaluation of basic research designs and methodology used in literacy education, birth through grade 12, and the interpretation of literacy research. Teacher candidates study the scope of research in the area of literacy, the nature of being a teacher-researcher, and research processes and designs. Teacher candidates demonstrate ability to read and evaluate primary research reports, interpret research syntheses, locate information about literacy research, and determine appropriateness of literacy research findings for instruction by conducting an in-depth investigation of a specific topic in the area of literacy development and instruction.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## SEYSL 701 - Historical Foundations of Literacy

### Overview

**Academic Institution**

QNS01

**Subject area**

SEYSL

**Catalog Number**

701

**Course Title**

Historical Foundations of Literacy

**Department(s)**

Secondary Education and Youth Services

**Description**

An introductory course in literacy development and instruction of students in grades 5 - 12. The major area of inquiry is the psychological, sociological, cognitive, and linguistic bases of literacy. Specific topics include the role of literacy in society, history of literacy instruction, current schoolwide early childhood, childhood, middle education, and adolescent literacy instructional programs, differentiation of instruction for students with diverse needs, family literacy partnerships, children and adolescent literature, classroom organization, classroom and schoolwide assessment programs, literacy in a technological age, and processes of developing literacy proficiency. Special emphasis is placed on factors underlying development of print awareness and usage at all levels, including word identification and spelling strategies, vocabulary skills, comprehension strategies, composing skills, and the supporting roles of speaking and listening to the development of reading and writing strategies.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## SEYSL 702 - Literacy in Content Areas.

### Overview

**Academic Institution**

QNS01

**Subject area**

SEYSL

**Catalog Number**

702

**Course Title**

Literacy in Content Areas.

**Department(s)**

Secondary Education and Youth Services

**Description**

This course is designed to help all teachers facilitate middle and secondary classrooms where reading, writing, listening and speaking are effective tools for learning, where collaboration and communication are valued and enhanced in the learning process, and where young people are encouraged to develop critical perspectives and strong voices. Attainment of literacy is central to knowledge construction in all middle and secondary school curricula. Students will examine issues of literacy in different subject areas and the varied demands on readers and writers as the range of literate activities changes according to context. This course is designed to enable inservice teachers and literacy specialists to improve the literacy of all students in the middle and secondary schools.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

## SEYSL 703 - Literacy Instruction for Diverse Learners.

### Overview

**Academic Institution**

QNS01

**Subject area**

SEYSL

**Catalog Number**

703

**Course Title**

Literacy Instruction for Diverse Learners.

**Department(s)**

Secondary Education and Youth Services

**Description**

The primary emphasis of this course is to familiarize teacher candidates about the historical, sociological, and psychological issues related to education of all learners including English Language Learners and students with disabilities in secondary education. English Language Learners and disability issues highlighted within this course include laws and legal mandates; types of disabilities; characteristics of English Language Learners and students with specific disabilities; assessment, diagnosis, and intervention; individualized education and transition planning; curriculum adaptation; assistive technologies; and research-based instructional methods and strategies for English Language Learners and students with disabilities. Teacher candidates develop an understanding of the linguistic and cognitive capabilities of English Language Learners and students with various disabilities and acquire the expertise to adapt instruction for advancing literacy as well as content learning of English Language Learners and students with disabilities. Twenty-five hours of fieldwork focused on English Language Learners and students with disabilities are required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYSL 704 - Literature across the Curriculum

### Overview

Academic Institution  
QNS01

Subject area  
SEYSL

Catalog Number  
704

Course Title  
Literature across the Curriculum

Department(s)  
Secondary Education and Youth Services

### Description

This course is designed to help all teachers facilitate middle and secondary classrooms where reading and writing are effective tools for learning, where collaboration and communication are valued and enhanced in the learning process, and where young people are encouraged to develop critical perspectives and strong voices. Attainment of literacy is central to knowledge construction in all middle and secondary school curricula. Students will examine issues of literacy in different subject areas and the varied demands on readers and writers as the range of literate activities changes according to context. This course is designed to enable in service teachers and literacy specialists to improve the literacy of all students in the middle and secondary schools.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYSL 705 - Literacy Instruction: Multiple Perspectives.

### Overview

Academic Institution  
QNS01

Subject area  
SEYSL

Catalog Number  
705

Course Title  
Literacy Instruction: Multiple Perspectives.

Department(s)  
Secondary Education and Youth Services

### Description

This course examines principles of literacy teaching and learning within and across content areas. Major areas of inquiry include knowledge about the nature of literacy and literacy development, developmental literacy programs, major issues in literacy instruction in the content areas, integrating technology with literacy

development in content areas, and differentiating English language arts and content-area literacy instruction for diverse students. Design and application of research-based literacy activities and materials in the content areas is emphasized. Twenty-five hours of fieldwork in content-area literacy are required.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYSL 750 - Literacy Assessment and Instruction

### Overview

Academic Institution  
QNS01

Subject area  
SEYSL

Catalog Number  
750

Course Title  
Literacy Assessment and Instruction

Department(s)  
Secondary Education and Youth Services

### Description

This course requires teacher candidates to examine causes of reading difficulty, elements of skilled reading, and systematic models for analyzing and remediating literacy problems for students in middle and adolescent education. Topics include the function of standardized assessment devices in instructional decision-making, development and administration of informal assessment devices and inventories of reading and writing performance, evaluation and modification of environmental and instructional variables contributing to literacy achievement in content areas, student motivation, and strategies for determining appropriate procedures to assess students with diverse abilities and cultural and linguistic backgrounds. Candidates demonstrate ability to systematically identify critical variables that contribute to literacy success and failure and to develop and apply various procedures for assessing literacy difficulties of students with diverse backgrounds.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SEYSL 751 - Literacy Assessment and Instruction, Part II

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYSL

#### Catalog Number

751

#### Course Title

Literacy Assessment and Instruction, Part II

#### Department(s)

Secondary Education and Youth Services

#### Description

In this course emphasis is placed on application of systematic models for analyzing and developing instructional programs for students in middle and adolescent education who show severe literacy learning problems in English language arts and content areas. Topics include interpreting informal and formal assessments, interactive decision-making, and specific strategies for addressing problems of word recognition, word analysis, spelling, fluency, vocabulary development, comprehension, composing, and studying. The administration and interpretation of informal and formal assessments and application of specific intervention strategies for students with diverse cultural and linguistic backgrounds who are experiencing difficulty acquiring literacy proficiency is studied throughout the course. Candidates apply literacy assessment knowledge and competence in a case study.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYSL 752 - Consultation, Collaboration, and Literacy Program Renewal

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYSL

#### Catalog Number

752

#### Course Title

Consultation, Collaboration, and Literacy Program Renewal

#### Department(s)

Secondary Education and Youth Services

#### Description

This course assists literacy personnel in using their knowledge of literacy to help classroom teachers, special education teachers, parents, school based support teams, administrators, and other relevant personnel to develop and enhance literacy programs for students and to improve literacy across the curriculum. It focuses on definitions of consultation, effective models of consultation, consultation strategies, staff development, literacy program evaluation and reform, working with para-professionals, federal and state laws and initiatives, and instructional practice.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYSL 755 - Literacy Assessment as Advocacy

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYSL

#### Catalog Number

755

#### Course Title

Literacy Assessment as Advocacy

#### Department(s)

Secondary Education and Youth Services

#### Description

This course helps practicing teachers recognize and assess literacy problems in their classrooms, while providing practical and effective intervention strategies to help all students succeed. It explores the major components of literacy found in teacher-made and standardized assessments, suggested methods and tools for diagnosis and intervention, strategies, activities, and technology applications to increase students' literacy skills. It offers appropriate teaching ideas for how to use literacy assessment as advocacy for diverse learners and their instructional needs.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SEYSL 758 - Instructional Coaching and Professional Development

### Overview

#### Academic Institution

QNS01

#### Subject area

SEYSL

#### Catalog Number

758

#### Course Title

Instructional Coaching and Professional Development

**Department(s)**

Secondary Education and Youth Services

**Description**

This course will introduce teachers to the roles and responsibilities of instructional coaches and provide them with a working knowledge of how to engage in effective instructional coaching practices in their schools. The course will provide all of the components needed for successful coaching, including how to conduct data-driven needs assessments and collaborate productively with colleagues and administrators. It will also discuss all aspects of planning and implementing valuable professional development across a wide array of educational contexts.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYSL 760 - Supervised Practicum with Middle/Junior High School Students.

**Overview****Academic Institution**

QNS01

**Subject area**

SEYSL

**Catalog Number**

760

**Course Title**

Supervised Practicum with Middle/Junior High School Students.

**Department(s)**

Secondary Education and Youth Services

**Description**

This course provides 25 hours of supervised practicum and seminar to develop teacher candidates' competence in planning and implementing instruction in middle/junior high school education, grades 5 - 8, for diverse students experiencing moderate and severe difficulties in literacy development. Content deals with the skills and strategies needed to assess students' literacy strategies, plan and implement appropriate instructional procedures, and report progress to students, parents, and school officials. Supervised practicum is required for New York State Certification as literacy teacher, grades 5 - 12.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYSL 761 - Supervised Practicum with High School Students

**Overview****Academic Institution**

QNS01

**Subject area**

SEYSL

**Catalog Number**

761

**Course Title**

Supervised Practicum with High School Students

**Department(s)**

Secondary Education and Youth Services

**Description**

This course provides 25 hours of supervised practicum and seminar to develop teacher candidates' competence in planning and implementing instruction in high school education, grades 9 - 12, for diverse students experiencing moderate and severe difficulties in literacy development. Content deals with the skills and strategies needed to assess students' literacy strategies, plan and implement appropriate instructional procedures, and report progress to students, parents, and school officials. Supervised practicum is required for New York State Certification as literacy teacher, Grades 5-12.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SEYSL 790 - Research Investigation for Literacy Instruction II

**Overview****Academic Institution**

QNS01

**Subject area**

SEYSL

**Catalog Number**

790

**Course Title**

Research Investigation for Literacy Instruction II

**Department(s)**

Secondary Education and Youth Services

**Description**

The second of two research courses about the study, understanding, and evaluation of basic research designs and methodology in literacy education and the interpretation of literacy research, grades 5-12. Major emphasis is on the design, implementation, and reporting of a qualitative or quantitative research project on a topic of concern in middle or adolescent education. The e-portfolio begun in the first literacy course, (SEYSL 700 or SEYSL 701) and compiled by students as they progress through the program is completed and submitted as part of SEYSL 790.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SOC 727 - The Sociology of Organizations: Government and Non-Profits

**Overview**

**Academic Institution**

QNS01

**Subject area**

SOC

**Catalog Number**

727

**Course Title**

The Sociology of Organizations: Government and Non-Profits

**Department(s)**

Sociology

**Description**

This course explores issues of organization and management of government and non-profit organizations with an emphasis on applying research and theory to case studies of government and non-profit organizations.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SOC 755 - Applied Social Research II

**Overview**

**Academic Institution**

QNS01

**Subject area**

SOC

**Catalog Number**

755

**Course Title**

Applied Social Research II

**Department(s)**

Sociology

**Description**

Topics in Applied Social Research.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SOC 788 - Cooperative Education Field Placement

**Overview**

**Academic Institution**

QNS01

**Subject area**

SOC

**Catalog Number**

788

**Course Title**

Cooperative Education Field Placement

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in paid positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## SOC 789 - Internship in Social Research

**Overview**

**Academic Institution**

QNS01

**Subject area**

SOC

**Catalog Number**

789

**Course Title**

Internship in Social Research

**Department(s)**

Sociology

**Description**

Students will apply skills learned in courses in volunteer positions. A written report linking experience with skills and concepts learned in the classroom is required.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SPAN 700 - Stylistics and Composition****Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

700

**Course Title**

Stylistics and Composition

**Department(s)**

Hispanic Literature &amp; Language

**Description**

Stylistic and grammatical analyses of readings of literary and nonliterary texts are combined with in-depth discussions and intensive writing. This course emphasizes the writing process: developing theses, structuring arguments, and generating a clear and cohesive style.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SPAN 702 - History of the Spanish Language****Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

702

**Course Title**

History of the Spanish Language

**Department(s)**

Hispanic Literature &amp; Language

**Description**

This course traces the development of the Spanish language from Latin to the present, focusing upon the cultural, literary and historical factors that have contributed to its evolution from Latin to early Romance, and then to the modern language. It will cover the internal and external history of the language.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SPAN 704 - Foundations of Hispanic Linguistics****Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

704

**Course Title**

Foundations of Hispanic Linguistics

**Department(s)**

Hispanic Literature &amp; Language

**Description**

This course provides an introduction to Spanish Linguistics and establishes the basis for future application of linguistic principles. The course begins with an exploration of the sound system of Spanish and its theoretical representation. Building on this, the discussion continues with topics in Spanish morphology such as word formation and verbal inflection. This is followed by issues in syntax and semantics that are analyzed both in isolation and in terms of their relationship to each other.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SPAN 706 - Hispanic Socio-linguistics and Dialectology****Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

706

**Course Title**

Hispanic Socio-linguistics and Dialectology



**Department(s)**

Hispanic Literature &amp; Language

**Description**

This course is intended to familiarize students with the study of Spanish dialects based on historical and geographic criteria, as well as to introduce sociolinguistic concepts and issues. Sociolinguistic topics may include social and stylistic variation, language variation and change, dialects and the "standard norm," linguistic attitudes, language and gender, bilingualism, language contact, language attitudes, discourse analysis, etc.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 717 - Creative Writing in Spanish

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

717

**Course Title**

Creative Writing in Spanish

**Department(s)**

Hispanic Literature &amp; Language

**Description**

This course will encourage students to exercise their power of observation and imagination. In the process they will improve their grammar and writing skills in Spanish. Students will focus their assignments following specific elements such as character, plot, dialogue, etc. They will be exposed to different writing styles selected from a variety of outstanding Latin-American authors. They will discuss the distinguishing traits of the writings, and attempt to create their own versions following some of the parameters observed in each author's production. Students will be offered choices of different writing styles, such as brief memoirs, TV, film and book reviews, short stories and dramatized scenes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 720 - Medieval Spanish Literature

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

720

**Course Title**

Medieval Spanish Literature

**Department(s)**

Hispanic Literature &amp; Language

**Description**

The course will focus on the development of Castilian love poetry from its origins to the fifteenth century, including La Celestina, the most important expression in prose of this whole tradition. Popular, courtly and clerical forms of love poetry will be considered. Special attention will be given to the evolution of recurrent themes and rhetorical forms within a European context.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 721 - Pan-Hispanic Balladry: from El Cid to Lorca and Beyond

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

721

**Course Title**

Pan-Hispanic Balladry: from El Cid to Lorca and Beyond

**Department(s)**

Hispanic Literature &amp; Language

**Description**

The most enduring and versatile poetic form of the Hispanic World, Romancero (Balladry) is a prime field to study the interaction between popular and cultured poetry. This course will follow its history from medieval epic poetry to recent developments around the Mexican revolution, the Spanish civil war and narcotraffic. Special attention will be given to canonic authors inspired by this popular poetry: Cervantes, Lope de Vega, Góngora, Machado and García Lorca.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**SPAN 722 - Golden Age Spanish Literature****Overview**Academic Institution  
QNS01Subject area  
SPANCatalog Number  
722Course Title  
Golden Age Spanish LiteratureDepartment(s)  
Hispanic Literature & Language

**Description**  
The study of key issues of the Renaissance as a cultural phenomenon, such as the question of language, literary ideas and currents, utopian thinking, the nature and education of man, religious and political thought, speculation on love, and the issue of the American Indian. Representative works of different genres will be examined from this perspective.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**SPAN 723 - Golden Age Drama****Overview**Academic Institution  
QNS01Subject area  
SPANCatalog Number  
723Course Title  
Golden Age DramaDepartment(s)  
Hispanic Literature & Language

**Description**  
A survey of the Spanish Theater of the Renaissance and Baroque periods. The development of a national theater will be explored from the turn of the Sixteenth Century (Encina) to Calderón. Although the focus of the course will be the Comedia nueva, other genres will include the Egloga, Auto sacramental, Farsa and Entremés.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**SPAN 724 - Miguel de Cervantes****Overview**Academic Institution  
QNS01Subject area  
SPANCatalog Number  
724Course Title  
Miguel de CervantesDepartment(s)  
Hispanic Literature & Language

**Description**  
Study of the works of Miguel de Cervantes, other than Don Quijote. Special attention will always be given to the issue of literary genres, narrative techniques and the historical-cultural context.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**SPAN 725 - Don Quijote****Overview**Academic Institution  
QNS01Subject area  
SPANCatalog Number  
725Course Title  
Don QuijoteDepartment(s)  
Hispanic Literature & Language

**Description**  
The most universal of Spanish works of art, Don Quijote will be mainly read as a book on books. This perspective will help study the literary phenomenon itself. The novel will be a vehicle for the examination of the plentiful, enduring use of different literary genres in their historical perspective and in their social functions and uses.

Academic Career  
Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 726 - Spanish Literature of the Eighteenth and Nineteenth Centuries

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

726

**Course Title**

Spanish Literature of the Eighteenth and Nineteenth Centuries

**Department(s)**

Hispanic Literature &amp; Language

**Description**

The course considers the development of liberalism and a new national identity in Spanish literature from the Age of Enlightenment through the post-colonial period. It will cover eighteenth-century essayists, the most important figures of Spanish romanticism (M. J. de Larra, J. Espronceda), and major exponents of realist fiction, in particular Benito Pérez Galdós and Leopoldo Alas, "Clarín."

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 728 - The Generation of 1898 and the Beginning of the Twentieth Century

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

728

**Course Title**

The Generation of 1898 and the Beginning of the Twentieth Century

**Department(s)**

Hispanic Literature &amp; Language

**Description**

Study of authors spurred into literary activity by the impact of Spain's colonial losses in Cuba, Puerto Rico and the Philippines. Emphasis on historical contexts, aesthetic movements in Europe, artistic influences from Latin America, and the critical ethos expressed by this "generation": contrast/comparison of Modernismo y Noventaiochismo, the introduction of existentialism, the roots of krausismo, and the beginning of contemporary theatre.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 730 - Literature of the Franco Era

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

730

**Course Title**

Literature of the Franco Era

**Department(s)**

Hispanic Literature &amp; Language

**Description**

The difficult years: A study of the Fascist and Anti-Fascist literature of the Franco era with an emphasis on the writers of Inner Exile and the emergence of an extremely important cadre of women writers. An analysis of the development of compromiso social in the various genres: la poesía social, la novela social y el teatro social. Works studied will include: Dámaso Alonso, José Hierro, Antonio Buero Vallejo, Alfonso Sastre, Juan Goytisolo, Carmen Laforet, Ana María Matute, Miguel Delibes, Carmen Martín Gaité, etc.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 732 - Spanish Literature Since the Transition

### Overview

#### Academic Institution

QNS01

#### Subject area

SPAN

#### Catalog Number

732

#### Course Title

Spanish Literature Since the Transition

#### Department(s)

Hispanic Literature &amp; Language

#### Description

The course examines the cultural change from Dictatorship to Democracy in Spain, and how literary practice can defend an ethical conscience based on a critical individualism against the tendency to homogenize, force consensus and relinquish independence. Works read might include: Luis Goytisolo, Antonio Muñoz Molina, Lourdes Ortiz, Esther Tusquets, Manuel Vázquez Montalbán, Lucía Etxebarria, Fernando Savater, etc.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SPAN 750 - Early Colonial Literature in Latin America

### Overview

#### Academic Institution

QNS01

#### Subject area

SPAN

#### Catalog Number

750

#### Course Title

Early Colonial Literature in Latin America

#### Department(s)

Hispanic Literature &amp; Language

#### Description

An overview of the Latin American literary production from the Discovery (1492) to the end of the seventeenth century. The course will cover the Crónicas de Indias, historical texts written by the Spanish Conquistadores (e.g., Hernán Cortés), and the friars (e.g., Fray Bartolomé de las Casas). Then, it will focus on the works of Criollo writers (e.g., El Inca Garcilaso de la Vega), with an emphasis on the main exponents of El Barroco de Indias (e.g., Sor Juana Inés de la Cruz), which recreated Spanish Baroque styles, while introducing new themes that reflected Latin American reality.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SPAN 751 - Vision of the Vanquished: Indigenous and Mestizo Voices of XVI and XVII Centuries Mexico and Peru

### Overview

#### Academic Institution

QNS01

#### Subject area

SPAN

#### Catalog Number

751

#### Course Title

Vision of the Vanquished: Indigenous and Mestizo Voices of XVI and XVII Centuries Mexico and Peru

#### Department(s)

Hispanic Literature &amp; Language

#### Description

Texts produced by indigenous and mestizo lettered authors, collected by clergy in some cases, during the early colonial times in Mexico and Peru.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## SPAN 752 - Eighteenth and Nineteenth-Century Latin American Literature

### Overview

#### Academic Institution

QNS01

#### Subject area

SPAN

#### Catalog Number

752

#### Course Title

Eighteenth and Nineteenth-Century Latin American Literature

#### Department(s)

Hispanic Literature &amp; Language

#### Description

A survey of Latin American literature from the eighteenth and nineteenth centuries. Some of the writers to be studied are: Andrés Bello, Domingo Faustino Sarmiento, and Gertrudis Gómez de Avellaneda. The course will cover a variety of

topics, including: recreating Neoclassicism, Romanticism and Realism in the New World; emerging voices of the Criollos; and colonialism, nationalisms and independence.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 753 - Great Works of Spanish American Romanticism: In Search of a Spanish- American Identity

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

753

**Course Title**

Great Works of Spanish American Romanticism: In Search of a Spanish- American Identity

**Department(s)**

Hispanic Literature &amp; Language

**Description**

Texts produced in Latin American during the XIX century by Criollo authors in search of a new Spanish American identity.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 754 - Modernismo in Latin American Literature

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

754

**Course Title**

Modernismo in Latin American Literature

**Department(s)**

Hispanic Literature &amp; Language

**Description**

A survey of Latin American Modernista literature (from the 1870s to the end of the 1920s), with an emphasis on poetry (e.g., Rubén Darío and Manuel Gutiérrez Nájera) and essays (e.g., José Martí and José Enrique Rodó). As a reaction to Positivism as well as Romanticism, Modernista writers initiated a movement of radical artistic and intellectual renovation, and aimed at creating a very refined literary discourse that would better express their redefined ideals of beauty. They covered a variety of themes, such as eroticism, exoticism (e.g., Orientalism), spiritualism, the changing role of the artist in the new industrial society, etc.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 756 - From the Avant-Garde to the Postmodern

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

756

**Course Title**

From the Avant-Garde to the Postmodern

**Department(s)**

Hispanic Literature &amp; Language

**Description**

This course spans the first six decades of the twentieth century. It covers the works of major authors in their respective genres: the "isms" (Jorge Luis Borges and Vicente Huidobro), the various phases of Pablo Neruda's trajectory, the re-emergence of feminist poetry, the decline of gauchoesque drama (Florencio Sánchez, Samuel Eichelbaum) leading to "reflexive" theatre. Other aspects covered are the novelists - reinterpretation of indigenous Latin American cultures (Alejo Carpentier, Carlos Fuentes), and the surge of the "Boom" (Julio Cortázar, Gabriel García Márquez, etc.).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SPAN 758 - Latin American Literature into the Twenty-First Century.

### Overview

Academic Institution  
QNS01

Subject area  
SPAN

Catalog Number  
758

#### Course Title

Latin American Literature into the Twenty-First Century.

#### Department(s)

Hispanic Literature & Language

#### Description

This course explores the works of the latest writers up to the present. It follows the evolution of the concepts and techniques of the "post-boom," the "post-modern" and the "novísima literatura." The course follows the changes in the literary trajectory of long-standing, acclaimed authors, as well as the ruptures that produced new alternatives: the writings of exile, testimonials, ethnic regionalism, journalistic fiction, detectivesque and cinematic narratives.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SPAN 760 - Literature of the Hispanic Caribbean

### Overview

Academic Institution  
QNS01

Subject area  
SPAN

Catalog Number  
760

#### Course Title

Literature of the Hispanic Caribbean

#### Department(s)

Hispanic Literature & Language

#### Description

A survey of the literature of the Hispanic Caribbean from the nineteenth century to the present. The reading list will include texts by renowned writers such as José Martí, Salomé Ureña de Henríquez, Eugenio María de Hostos, Julia de Burgos, Nicolás Guillén and Juan Bosch. Some of the themes to be explored are: colonialism and national identities; racism, poverty, and socio-political repression as causes of exile.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SPAN 770 - Introduction to Literary and Cultural Theories

### Overview

Academic Institution

QNS01

Subject area  
SPAN

Catalog Number  
770

#### Course Title

Introduction to Literary and Cultural Theories

#### Department(s)

Hispanic Literature & Language

#### Description

The course will provide a brief overview of traditional approaches to key Hispanic texts, introduce students to the main tenets of contemporary theory (cultural studies, postcolonialism, New Historicism, materialism, gender studies, postmodernism, periodization, narratology, psychological approaches, post-structuralism, etc.), and apply those concepts through analysis of critical articles about Hispanic texts.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## SPAN 772 - Peninsular Spanish Culture and Thought

### Overview

Academic Institution

QNS01

Subject area  
SPAN

Catalog Number  
772

#### Course Title

Peninsular Spanish Culture and Thought

**Department(s)**

Hispanic Literature &amp; Language

**Description**

This course is designed to analyze the struggle for equality and just representation carried on by Spaniards under despotic rule from 1898 until the end of the Franco era in 1975, and on to the period of Transition to Democracy. Outstanding works of Spanish intellectuals of the various periods will be used to illustrate the struggle of the nation to keep pace with the rest of Europe and the world. Examples from literature, philosophy, education, politics, religion, and journalism may be used.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 774 - Latin American Culture and Thought

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

774

**Course Title**

Latin American Culture and Thought

**Department(s)**

Hispanic Literature &amp; Language

**Description**

The course will provide an overview of the main topics and trends in the development of Latin American culture, civilization and thought. It will take into account the fundamental structures of pre-conquest society, the establishment of colonial domination and the transition to forms of neocolonialism, the formation of hybrid cultures and ethnicities, and the socio-cultural profile of contemporary urban life.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 776 - Latino/Latina Writers in the United States.

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

776

**Course Title**

Latino/Latina Writers in the United States.

**Department(s)**

Hispanic Literature &amp; Language

**Description**

An overview of the culture and literary production of Latinos/-as in New York. The course will focus on works of fiction written by authors from diverse ethnic, racial and socioeconomic backgrounds, and who have roots in several Latin American countries such as Puerto Rico, the Dominican Republic and Colombia. Some of the topics to be explored are: bilingualism and multiculturalism; immigration and the redefinition of national identity; preserving Hispanic culture vs. assimilating to the "American way of life," etc.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## SPAN 778 - Cinema and Literature in the Hispanic World

**Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

778

**Course Title**

Cinema and Literature in the Hispanic World

**Department(s)**

Hispanic Literature &amp; Language

**Description**

The course will examine different aspects of Hispanic cinema and its relationship to literature. The course will examine different aspects of the cinematic art. The approaches include: (1) Movements (neo-realism, new wave, etc.); (2) Genres; (3) Literature into films; (4) The cinema as a sociocultural phenomenon; (5) Cinematic stylists. Films will be shown in the original language. Students will be expected to produce substantial works of film analysis.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SPAN 780 - Independent Study****Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

780

**Course Title**

Independent Study

**Department(s)**

Hispanic Literature &amp; Language

**Description**

Tutorial for work in a special subject not covered by regular course offerings. May be repeated for credit if the topic is changed. Open only for candidates for the Master of Arts Program in Spanish.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SPAN 783 - Research Seminar: Hispanic Linguistics****Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

783

**Course Title**

Research Seminar: Hispanic Linguistics

**Department(s)**

Hispanic Literature &amp; Language

**Description**

This course introduces standard methodologies for planning, conducting, interpreting, and reporting research in an applied area of Hispanic Linguistics. Course activities will include reading texts and articles, completing assigned exercises, participating in group discussions, criticizing research articles, and conducting formal research projects. Students are required to focus the research project around their areas of interest. Students can only take this seminar twice, provided that the topics are different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SPAN 784 - Research Seminar: Hispanic Literature****Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

784

**Course Title**

Research Seminar: Hispanic Literature

**Department(s)**

Hispanic Literature &amp; Language

**Description**

Students are advised to take SPAN 770. Introduction to Literary and Cultural Theories, as part of the 6-credit prerequisite. A series of courses devoted to the study of literature and culture with perspectives that cut across the conventional genre/period/geographic divides. These courses will include, for example, interdisciplinary, comparative, interatlantic approaches to Hispanic literatures, or track a genre across history, or deal with unconventional topics in literature, or be devoted entirely to the study of one author from different perspectives. Students can only take this seminar twice, provided that the topics are different.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**SPAN 791 - Special Problems****Overview****Academic Institution**

QNS01

**Subject area**

SPAN

**Catalog Number**

791

**Course Title**

Special Problems



**Department(s)**  
Hispanic Literature & Language

**Description**  
Individual study under the supervision of an instructor, of a topic agreed on, normally involving research in literary history or criticism, and resulting in an acceptable thesis. No credit will be given for these courses until the thesis has been approved. No more than three credits in each course may be counted toward the degree.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**SPAN 792 - Special Problems**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SPAN	792

**Course Title**  
Special Problems

**Department(s)**  
Hispanic Literature & Language

**Description**  
Individual study under the supervision of an instructor, of a topic agreed on, normally involving research in literary history or criticism, and resulting in an acceptable thesis. No credit will be given for these courses until the thesis has been approved. No more than three credits in each course may be counted toward the degree.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**SPAN E728 - Spanish-American Literature: The Inter-War Years**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
SPAN	E728

**Course Title**  
Spanish-American Literature: The Inter-War Years

**Department(s)**  
Hispanic Literature & Language

**Description**  
Spanish-American Literature: The Inter-War Years

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
3	3

**STABD 799 - Study Abroad 0 Credits**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
STABD	799

**Course Title**  
Study Abroad 0 Credits

**Department(s)**  
Administration

**Description**  
Study Abroad

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

**Credits**

<b>Minimum Units</b>	<b>Maximum Units</b>
0	0

**STABD 7990 - Stabd/Non-Cuny 0 Credits**

**Overview**

**Academic Institution**  
QNS01

<b>Subject area</b>	<b>Catalog Number</b>
STABD	7990

**Course Title**

Stabd/Non-Cuny 0 Credits

**Department(s)**

Administration

**Description**

STABD/NON-CUNY

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

0

**Maximum Units**

0

**STABD 79905 - Study Abroad 0.50 Credits**

**Overview**

**Academic Institution**

QNS01

**Subject area**

STABD

**Catalog Number**

79905

**Course Title**

Study Abroad 0.50 Credits

**Department(s)**

Administration

**Description**

Study Abroad

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

0

**Maximum Units**

0

**STABD 7991 - Study Abroad 1 Credits**

**Overview**

**Academic Institution**

QNS01

**Subject area**

STABD

**Catalog Number**

7991

**Course Title**

Study Abroad 1 Credits

**Department(s)**

Administration

**Description**

Study Abroad

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

0

**Maximum Units**

0

**STABD 7992 - Study Abroad 2 Credits**

**Overview**

**Academic Institution**

QNS01

**Subject area**

STABD

**Catalog Number**

7992

**Course Title**

Study Abroad 2 Credits

**Department(s)**

Administration

**Description**

Study Abroad

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

0

**Maximum Units**

0

**STABD 7993 - Study Abroad 3 Credits**

**Overview**

**Academic Institution**

QNS01

**Subject area**

STABD

**Catalog Number**

7993

**Course Title**

Study Abroad 3 Credits

**Department(s)**

Administration

**Description**  
Study Abroad

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

### Credits

Minimum Units	Maximum Units
0	0

## STABD 7994 - Study Abroad 04 Credits

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
STABD	7994

**Course Title**  
Study Abroad 04 Credits

**Department(s)**  
Administration

**Description**  
Study Abroad 04 Credits

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

### Credits

Minimum Units	Maximum Units
0	0

## STABD 7995 - Study Abroad 5 Credits

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
STABD	7995

**Course Title**  
Study Abroad 5 Credits

**Department(s)**  
Administration

**Description**  
Study Abroad

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

### Credits

Minimum Units	Maximum Units
0	0

## STABD 7996 - Study Abroad 6 Credits

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
STABD	7996

**Course Title**  
Study Abroad 6 Credits

**Department(s)**  
Administration

**Description**  
Study Abroad

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
Department Consent Required

### Credits

Minimum Units	Maximum Units
0	0

## STABD 7997 - Study Abroad 7 Credits

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
STABD	7997

**Course Title**  
Study Abroad 7 Credits

**Department(s)**  
Administration

**Description**  
Study Abroad

**Academic Career**  
Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

0

**Maximum Units**

0

**STABD 7998 - Study Abroad 8 Credits**

**Overview**

**Academic Institution**

QNS01

**Subject area**

STABD

**Catalog Number**

7998

**Course Title**

Study Abroad 8 Credits

**Department(s)**

Administration

**Description**

Study Abroad 8 Credits

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

0

**Maximum Units**

0

**STABD 7999 - Study Abroad 9 Credits**

**Overview**

**Academic Institution**

QNS01

**Subject area**

STABD

**Catalog Number**

7999

**Course Title**

Study Abroad 9 Credits

**Department(s)**

Administration

**Description**

Study Abroad

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

Department Consent Required

**Credits**

**Minimum Units**

0

**Maximum Units**

0

**URBST 620 - Urban Research Writing**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

620

**Course Title**

Urban Research Writing

**Department(s)**

Urban Studies

**Description**

This course will assist students in developing the skills necessary for graduate level writing in Urban Affairs. The focus will be on developing writing skills in three specific areas: (i) writing in response to texts; (ii) writing across texts (comparing and contrasting); and (iii) writing a research paper on a topic in urban studies. In each instance original drafts will be revised for clarity of content. The course will review the steps in writing a research paper including choosing topic, developing a cogent thesis, using the library and Internet for research note taking, and drafting and revising the finished paper.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**URBST 626 - Computer Methods in Urban Policy Analysis**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

626

**Course Title**

Computer Methods in Urban Policy Analysis

**Department(s)**

Urban Studies

**Description**

This course introduces the student to various methods for performing urban policy analyses using microcomputers, including the use of spreadsheets, database systems, graphics programs, mapping systems, and statistical packages. Students will be introduced to essential file management functions and will learn to use these computer-based tools to analyze, interpret, and display demographic, economic, and geographic data. Students will carry out and present projects using their own data or data provided by the instructor.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## URBST 640 - Public Administration

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

640

**Course Title**

Public Administration

**Department(s)**

Urban Studies

**Description**

This course offers a comprehensive survey of the field of public administration, from the philosophical underpinnings of government activities to the structure and function of present-day state and local government programs and agencies.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## URBST 701 - Urban Politics

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

701

**Course Title**

Urban Politics

**Department(s)**

Urban Studies

**Description**

This course examines the historical development of local government structures, political parties, machine politics and reform movements. The current forms of government in U.S. cities, especially New York City, and their relationship to states and the federal government will be analyzed. Theories of power in the urban setting, and the role of advocacy groups, ethnic organizations, business, labor, and other interest groups will be discussed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## URBST 702 - Urban Social Movements

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

702

**Course Title**

Urban Social Movements

**Department(s)**

Urban Studies

**Description**

The course analyzes social change movements impacting urban institutions or policies, especially the mobilization of groups without ready access to power through normal political channels. Students will analyze one movement and use its experience to test the prevailing theories concerning social movements.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

## URBST 703 - Protest Movements in Film

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      703

**Course Title**  
Protest Movements in Film

**Department(s)**  
Urban Studies

**Description**  
This course examines the dynamics of urban-centered protest movements in the U.S., such as the labor movement, the African-American, feminist, and gay and lesbian civil rights movements, and the anti-Vietnam war, and pro-life and pro-choice movements through a combination of reading books about such movements and watching film footage featuring the activities of movements.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 704 - Religion, Politics, and Urban Society

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      704

**Course Title**  
Religion, Politics, and Urban Society

**Department(s)**  
Urban Studies

**Description**  
This course weighs recent examples of both left- and right-leaning endeavors by religious groups, in the United States and abroad, to impact political decisions, testing them against theories that attempt to understand such attempts. Guest speakers whose political actions are rooted in their religious faith will present their views to the class.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 705 - The Just City in Theory and Practice

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      705

**Course Title**  
The Just City in Theory and Practice

**Department(s)**  
Urban Studies

**Description**  
A required course introducing the core themes in the Master of Arts program in Urban Affairs, the Just City in Theory and Practice explores the debates and proposals around the imperative to create more socially just and sustainable cities, with an emphasis on both theory and practice. The course offers a theoretical and practical background into processes of social, cultural, economic, and physical change in urban society. Themes covered include urban planning and policy, social movements, injustice, and inequality based on socio-economic status, race, nationality, ethnicity, sexuality, and gender. Students will be equipped with the tools and vocabulary to refine their interests and to explore these themes in further detail in subsequent courses.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 706 - Non-Profits in the 21st Century Metropolis

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      706

**Course Title**  
Non-Profits in the 21st Century Metropolis

**Department(s)**  
Urban Studies

**Description**  
The nonprofit sector serves a vital role in society by addressing needs that neither for-profit business nor government are prepared to fulfill. Over the past century, this sector has grown in size, impact, and influence. This course presents a broad

overview of the nonprofit sector. Students will gain an understanding of the challenges and opportunities within the sector, the various domains comprising the sector, and the functions that nonprofit organizations play in this City, in the broader American society, and internationally. Domains covered include arts and culture, health, education, social services, community organizing, philanthropy, international assistance, and others.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## URBST 707 - Race, Place and Space

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
URBST	707

**Course Title**  
Race, Place and Space

**Department(s)**  
Urban Studies

**Description**  
This course examines race and racism from a geographical perspective. It shows how spacial analysis broadens our understanding of the constructions of racial and ethnic identities, racial inequalities, and racial politics. How do different group's experiences of urban spaces and places differ from one another, and why? How does racism shape the ways people view different places and the people who live, work or congregate there? How are racial politics produced and reproduced in the geographies of cities? Drawing on examples from across the world, this course offers students a greater understanding of the complex geographies of race, power, and resistance in the city today.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## URBST 708 - New York City Politics

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
URBST	708

**Course Title**  
New York City Politics

**Department(s)**  
Urban Studies

**Description**  
This course will provide a historical view of the development of New York City governmental and non-governmental institutions involved in policy-making, such as the development of Democratic and Republican parties, the impact of immigrant and ethnic groups on City politics, reform movements, and changes in NYC governmental structure over time. It will discuss the relation of policy-making in New York City to New York State and federal decision-making. It will analyze the roles and relative political resources of official actors such as the Mayor, the City Council and other citywide elected officials and of non-governmental political actors such as unions, corporations, business associations, civic and neighborhood associations, etc., in the policy-making process. The role of ethnicity, immigrant status, gender and sexual orientation in terms of access to political resources and influence in policy-making will be discussed. The instructor will use a series of historical and contemporary policy case studies as illustrations. The course may include invited speakers involved in the policy-making process who can discuss some of the case studies used in the course.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

## Credits

Minimum Units	Maximum Units
3	3

## URBST 709 - Urban Security and Insecurity

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
URBST	709

**Course Title**  
Urban Security and Insecurity

**Department(s)**  
Urban Studies

**Description**  
This elective course examines various domains of surveillance in times of Insecurity. It introduces students to the core theories and issues related to security, surveillance and insecurity. Terror, crime, identity theft all generate fear in people. These feelings are not simply objective but are constructed by policy and media. They are sustained by fortifying urban areas through policing and the use of technology to surveillance people in cyberspace, prisons, and gated communities. This course examines the nature of surveillance and security in urban environments as it relates to technology, policing, architecture, place, gender among other categories of importance. Drawing from interdisciplinary texts, students will become familiar with geographers', sociologists' communications scholars, anthropologists' and political scientists' treatment of surveillance, security and insecurity.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 710 - Urban Sustainability

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

710

**Course Title**

Urban Sustainability

**Department(s)**

Urban Studies

**Description**

This course will examine the theory and practice of American urban environmental policy in the second half of the twentieth century. We will focus mainly on the natural, social and political forces that have shaped New York City's urban environment, but will also look at comparative case studies of other American and European cities. This course will of interest to graduate students in urban planning, sociology, and environmental policy and science.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 711 - Urban Infrastructures and Technologies

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

711

**Course Title**

Urban Infrastructures and Technologies

**Department(s)**

Urban Studies

**Description**

This course focuses on the relationship between contemporary cities and the technological infrastructures that sustain their existence. From transport to sanitation, telecommunication to electricity transmission, modern cities rely upon complex systems that are often invisible or taken for granted, yet the city could not sustain itself without them. We will explore how technological change impacts cities, how policies influence infrastructure provision and management, how technical systems can work to make societies more or less equal, and the relationship between technological systems and urban sustainability.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 712 - Urban Labor and Labor Movements

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

712

**Course Title**

Urban Labor and Labor Movements

**Department(s)**

Urban Studies

**Description**

This course introduces students to the nature of work and work organization in contemporary urban settings. It covers such topics as the social organization of work, changes in the composition of the work force, the impact of technology on work and workers, and the organization of workers through labor unions and other forms of worker organization. The evolution of work and worker organization from the beginning of industrialization through the shift to a service-oriented economy will be central focus of the course.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3



## URBST 713 - Urban Cultural Diversity.

### Overview

#### Academic Institution

QNS01

#### Subject area

URBST

#### Catalog Number

713

#### Course Title

Urban Cultural Diversity.

#### Department(s)

Urban Studies

#### Description

This course explores the rich and diverse subcultures and communities that dot the urban landscape. In recent years new patterns of cultural belonging and new forms of identity have displaced earlier forms of community organization and neighborhood life. This course traces the emergence of urban subcultures from "Hippies to HipHop." It will expose students to a number of studies by professional ethnographers and prepare them to undertake an original field study on a topic of their choice.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## URBST 714 - Social Welfare Policy

### Overview

#### Academic Institution

QNS01

#### Subject area

URBST

#### Catalog Number

714

#### Course Title

Social Welfare Policy

#### Department(s)

Urban Studies

#### Description

This course examines our society's efforts to address social-economic problems relating to poverty. After an historical overview of the development of welfare programs in this country, the course focuses on measures taken to combat poverty in the contemporary context. Issues such as the relation between welfare and work, out-of-wedlock childbearing, privatization, and immigrant access to public benefits are addressed. While the course primarily emphasizes basic income maintenance, it also provides a survey social welfare policies and programs that comprise our current social safety net.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## URBST 715 - Urban Religious Movements

### Overview

#### Academic Institution

QNS01

#### Subject area

URBST

#### Catalog Number

715

#### Course Title

Urban Religious Movements

#### Department(s)

Urban Studies

#### Description

Religious movements centered in urban areas are radically altering the face of religion, both globally and in the United States. This course examines the dynamics and consequences of such movements, including the role of religious movements in acting as bridges to immigrants entering the U.S.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

### Credits

#### Minimum Units

3

#### Maximum Units

3

## URBST 716 - Immigration in Metropolitan New York

### Overview

#### Academic Institution

QNS01

#### Subject area

URBST

#### Catalog Number

716

#### Course Title

Immigration in Metropolitan New York

#### Department(s)

Urban Studies

#### Description

This course examines the social, political, economic, and environmental factors affecting the successive waves of migration to New York from the 1800s to the present. It analyzes the development and role of ethnic and immigrant organizations during the early migrations and through the changes in contemporary migrant flows. The course introduces theories of immigration and models of assimilation/acculturation and analyzes these processes for several of

the newer immigrant groups (Asian, Latino, Afro-Latinos, Indo-Caribbean and others) as compared to several of the older groups (Irish, Jewish, Italian). Finally, the course assists students in conducting immigrant enclave analysis for some of the major groups that have settled in the area in the recent period.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**URBST 717 - Sex and the City****Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

717

**Course Title**

Sex and the City

**Department(s)**

Urban Studies

**Description**

This course will examine sexuality and city life. The unique social, political and cultural features of US cities have long made them important to the pursuit of self-discovery and sexual freedom and to the creation and growth of robust sexual subcultures and communities. Yet cities have also found ways to regulate sexuality and to oppress sexual minorities as well. In this course, we will discuss how the modern US city simultaneously shaped and was shaped by the development of modern sexual identities. The course proceeds through four themes: 1) fundamental concepts in the study of sex and the city; 2) specific histories and case studies of sexual oppression and liberation; and 3) landscapes of power and sex in the city today. We will answer questions such as, what role did sophisticated forms of policing and regulation, municipal bureaucracies, and consumer cultures play in encouraging and discouraging the growth of sexual subcultures? How did sexual and gendered ideologies shape the making of urban public and private spaces? And how have the political struggles of sexually oppressed groups, including working class women, gays and lesbians, and transgender people reshaped the city itself?

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**URBST 718 - Governing the City****Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

718

**Course Title**

Governing the City

**Department(s)**

Urban Studies

**Description**

This course provides an overview of the major debates around the political and governmental forces, institutions, and movements that guide economic and physical development, the distribution of resources, and other aspects of daily life in urban areas. It examines what structures enable and constrain collective decision making about particular urban issues such as housing, immigration, economic development, education, and health.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**URBST 719 - Applications of Social Psychology to Urban Problems.****Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

719

**Course Title**

Applications of Social Psychology to Urban Problems.

**Department(s)**

Urban Studies

**Description**

Religious movements centered in urban areas are radically altering the face of religion, both globally and in the United States. This course examines the dynamics and consequences of such movements, including the role of religious movements in acting as bridges to immigrants entering the U.S.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**URBST 720 - Race, Ethnicity, and Immigration****Overview**Academic Institution  
QNS01Subject area  
URBSTCatalog Number  
720Course Title  
Race, Ethnicity, and ImmigrationDepartment(s)  
Urban Studies

**Description**  
This course combines historical and sociological approaches in a broad survey of racial and ethnic minorities in the United States, tracing their disparate origins and trajectories to the present. Differences between African Americans, with their roots in slavery, and immigrant minorities are emphasized. The course also examines recent trends in immigration, including patterns of incorporation into American society and enduring transnational links to countries of origin.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**URBST 721 - Perspectives on the Labor Movement.****Overview**Academic Institution  
QNS01Subject area  
URBSTCatalog Number  
721Course Title  
Perspectives on the Labor Movement.Department(s)  
Urban Studies

**Description**  
This course will examine theories of industrial relations systems; the philosophy and political perspectives of labor unions; and the current discussion concerning the state and future of the labor movement. Issues examined will include the meaning of work, its changing nature, and the consequent implications for industrial relations and the trade unions.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**URBST 722 - Processes of Urbanization****Overview**Academic Institution  
QNS01Subject area  
URBSTCatalog Number  
722Course Title  
Processes of UrbanizationDepartment(s)  
Urban Studies

**Description**  
Provides an overview of (1) the historical growth and economic position of cities as centers of industry or commercial and bureaucratic control; (2) internal differentiation within cities; (3) the experience of urban life at different socioeconomic levels. Fall

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**URBST 723 - Dynamics of Housing and Homelessness****Overview**Academic Institution  
QNS01Subject area  
URBSTCatalog Number  
723Course Title  
Dynamics of Housing and HomelessnessDepartment(s)  
Urban Studies

**Description**  
This course explores the situation of renters and owners in New York City. How does the housing market affect how neighborhoods change? What is government doing to assure that all residents have decent safe housing? What housing options

and programs are available in the City? How do they differ from those in the rest of the country? What role do public housing, rent regulation, mortgage finance, and other public and private programs play in the development of housing in the City?

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## URBST 724 - Public Policy in Practice

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

724

**Course Title**

Public Policy in Practice

**Department(s)**

Urban Studies

**Description**

This course is an introduction to policy-making in public and nonprofit organizations. Students learn the major elements of the policy-making process: defining problems, developing alternative policies, evaluating alternatives, policy implementation, and evaluating policy outcomes. The focus is on policy-making at the local and state level. Substantive policy areas covered in the course include: welfare, urban economic development, environmental and land use policy, housing policy, and health policy. The course is intended to provide the theoretical and analytical basis for a series of proposed courses in each of these areas.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## URBST 725 - Urban Research Methods

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

725

**Course Title**

Urban Research Methods

**Department(s)**

Urban Studies

**Description**

This course introduces students to the range of methodological approaches used in urban-related research. These include macroscopic analysis, demography, survey research, historical research, participant observation, community studies, institutional analysis, policy analysis, and evaluation research. Emphasis is placed on the development of critical skills in reading, interpreting, and analyzing social science research, whether this research is encountered in textbooks and lectures, in professional journals, or in the popular media.Spring

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## URBST 726 - The Urban Criminal Justice System in the United States.

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

726

**Course Title**

The Urban Criminal Justice System in the United States.

**Department(s)**

Urban Studies

**Description**

The course will deal with the modern criminal justice system as it has developed through time in cities. Special attention will be given to the urban problems that led to the creation and evolution of the professional police, criminal courts, and penal institutions. Emphasis will be placed on the specifically urban influences (demographic, geographic, political, economic, and social) that originally shaped and continue to mold the criminal justice system.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**  
3

**Maximum Units**  
3

## URBST 727 - Public Management

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      727

**Course Title**  
Public Management

**Department(s)**  
Urban Studies

### Description

This course is devoted to the study of management in local and state government and the nonprofit sector. Defining the unique characteristics of public management is one of the goals of the course. Another is to provide an understanding of what government and nonprofit managers actually do. Finally, the course is intended to develop skills that are essential to effective public management. The course relies heavily on the case method approach, which is intended to simulate the world of actual managers and the processes of management decision-making.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 728 - Non-profit Organization Management

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      728

**Course Title**  
Non-profit Organization Management

**Department(s)**  
Urban Studies

### Description

This course is an introduction to the management and operation of non-profit organizations. Non-profit organizations have a long and respected history in the delivery of services to the communities of New York City and State. This course reviews their and evolution to their current status and importance for the millions of constituents that depend on their existence. We focus on the different types of non-profit organizations, from those whose mission is to deliver services to seniors, adults, and children, to entities that are primarily advocates for specific services and constituencies, to watchdog groups whose oversight and expertise influence public policy. We review their mission statements, corporate infrastructure, budgeting, governance, community outreach, advocacy, the dangers of non-compliance with laws and regulations, and the role they play in the development of public policy.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 729 - Employment and Labor Law

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      729

**Course Title**  
Employment and Labor Law

**Department(s)**  
Urban Studies

### Description

This course will examine primary (case) and secondary (commentary) materials on the legislative, administrative, and contextual aspects of US employment and labor law, including as they pertain to collective bargaining and union organization. The course will be divided into three parts: (1) U.S. law, employment, and labor relations (including the institutional and sociological aspects of law, a review of the constitutional and common law basis for employment and labor law, and a survey of the history and current status of employment and labor law); (2) The legislative, judicial, and administrative aspects of employment and labor law, including issues concerning jurisdiction, procedure, and interpretation of contracts; (3) Current problems in employment and labor law, with an emphasis on practical applications, will be examined.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 730 - The Urban Economy: Growth and Problems.

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      730

**Course Title**

The Urban Economy: Growth and Problems.

**Department(s)**

Urban Studies

**Description**

This course is devoted to the study of management in local and state government and the nonprofit sector. Defining the unique characteristics of public management is one of the goals of the course. Another is to provide an understanding of what government and nonprofit managers actually do. Finally, the course is intended to develop skills that are essential to effective public management. The course relies heavily on the case method approach, which is intended to simulate the world of actual managers and the processes of management decision-making.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**URBST 731 - Evaluating Urban Policies****Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

731

**Course Title**

Evaluating Urban Policies

**Department(s)**

Urban Studies

**Description**

This course will focus on strategies and methods for evaluating policies and programs of government agencies and nonprofit social service organizations. It covers the major elements of evaluation research, including evaluation goal setting, outcome measures, research design, policy significance, and the politics of evaluation. Students will review and analyze evaluation research studies drawn from several public policy areas including education, public assistance, health services, criminal justice, housing, and employment training. No formal prerequisite; URBST 725 recommended.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**URBST 732 - Researching New York City****Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

732

**Course Title**

Researching New York City

**Department(s)**

Urban Studies

**Description**

The application of urban research methods to investigate a specific planning or policy challenge in New York City. It gives students the opportunity to work together, in studio format, to scope out a planning or policy problem, to design the appropriate planning or policy process, and then to pursue that process to its conclusion. Course topics vary year to year.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

**URBST 733 - Planning the Just City****Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

733

**Course Title**

Planning the Just City

**Department(s)**

Urban Studies

**Description**

This course provides a broad introduction to urban planning theories, practices, actors, and issues. It reviews the historical development of modern city planning and introduces the administrative and legal context in which planning takes place. It identifies the multiple players that engage in city planning, as well as the theories that shape different types of planning practice. This class provides an overview of key planning issues including issues like land use and zoning, comprehensive planning, affordable housing, community and neighborhood planning, transportation planning, economic development, and environmental sustainability.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## URBST 734 - Women, Health, and Society

### Overview

Academic Institution  
QNS01

Subject area  
URBST

Catalog Number  
734

#### Course Title

Women, Health, and Society

#### Department(s)

Urban Studies

#### Description

This course examines the broad range of health issues confronting women. Using basic information on the health status of women in the US, the focus is on how this health status is influenced by gender, race, and class. Careful attention is paid to political and economic factors influencing the health of women in our society and to the impact of health policy and social policy on health status. Models of care including the Western medical model as well as some of the new and emerging models are explored. Finally, we examine the latest thinking on specific health issues women face including reproductive health, mental health, peri- to post-menopause, sexually transmitted diseases, and aging.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## URBST 735 - NYC Land Use Planning Process.

### Overview

Academic Institution  
QNS01

Subject area  
URBST

Catalog Number  
735

#### Course Title

NYC Land Use Planning Process.

#### Department(s)

Urban Studies

#### Description

This course examines the ways in which New York City has historically exercised its zoning authority and has created a variety of institutions to intervene in the zoning process. It examines the role of real estate interests, the general public, and the city government agencies specifically charged with planning functions.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## URBST 736 - Urban Epidemics: Tuberculosis to AIDS.

### Overview

#### Academic Institution

QNS01

#### Subject area

URBST

#### Catalog Number

736

#### Course Title

Urban Epidemics: Tuberculosis to AIDS.

#### Department(s)

Urban Studies

#### Description

The course will deal with infectious diseases in American cities over time. Severe epidemics of contagious disease are a creation of civilization, requiring as they do the large population that crowded cities provide. A number of devastating diseases will be considered, among them tuberculosis, cholera, syphilis, hepatitis, polio, and AIDS, along with their effect on city life. The social construction of disease and the changing cultural meanings of different diseases will be dealt with. Special emphasis will be placed on the role of stigma and discrimination in how society reacts to those who have a disease.

#### Academic Career

Graduate

#### Liberal Arts

Yes

#### Permission Type

No Special Consent Required

## Credits

Minimum Units  
3

Maximum Units  
3

## URBST 737 - U.S. Health System.

### Overview

#### Academic Institution

QNS01

#### Subject area

URBST

#### Catalog Number

737

#### Course Title

U.S. Health System.

**Department(s)**

Urban Studies

**Description**

This course describes and analyzes health care delivery and financing in the US using concepts and data from sociology, economics, history, philosophy and political science. It begins with the history of American medical practice and education, tracing the ways in which scientific ideas, technological innovation and the politics of professional competition shaped the current U.S. health care system. Next, the patterns of illness in the U.S. population are described in relation to the distribution of health care resources and other social and economic resources. Issues of health services access, quality, financing and cost are discussed, including the ethics of resource distribution. The U.S. health care system is then compared to the systems in Canada, Japan and several European countries. The recent history of health care reform in the U.S. is analyzed and students engage in a debate over current and future policy options.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 738 - Emerging Diseases and Public Policy.

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

738

**Course Title**

Emerging Diseases and Public Policy.

**Department(s)**

Urban Studies

**Description**

This course deals with the problem of "Emerging Diseases" and the policy implications that they entail. Emerging diseases are broadly defined to include (1) new diseases that have not been seen before (e.g., HIV, SARS, Lyme); (2) diseases that are spreading into geographic areas from which they have been absent (e.g., Dengue Fever and Dengue Hemorrhagic Fever), and (3) older diseases that were in significant decline but have now reversed direction (e.g. tuberculosis itself, and also in its antibiotic resistant form) and pose a major threat to the public's health. The course emphasizes the social causation of infectious disease (i.e., the political, economic, social and cultural practices that inadvertently favor the emergence of disease) and the social construction of disease (i.e., how diseases and their victims are perceived, and how that helps or hinders measured aimed at controlling them). The course entails reading both theoretical and descriptive material and emphasizes learning a body of factual material.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 739 - Health Policymaking

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

739

**Course Title**

Health Policymaking

**Department(s)**

Urban Studies

**Description**

This course examines the process of health policymaking at the city, state, and federal levels of government, from agenda-building through policy formulation, adoption, implementation, and evaluation of health policies. The relationships among government executives, legislators, bureaucrats, advocates, and other participants will be analyzed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 740 - Delivery of Public Services.

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

740

**Course Title**

Delivery of Public Services.

**Department(s)**

Urban Studies

**Description**

This course examines the theory and practice of public service delivery by urban government within the context of budgetary constraints and the politicization of issues relating to public services. New York City's practices are compared with public service delivery in other political jurisdictions in the United States and other countries.



**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 741 - Labor Unions and Industrial Relations

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

741

**Course Title**

Labor Unions and Industrial Relations

**Department(s)**

Urban Studies

**Description**

This course will examine labor-management relations in the contemporary U.S., considering both the internal dynamics of management, and the structure, governance, and goals of labor unions. Particular emphasis will be given to comparing and contrasting labor relations in unionized and non-unionized workplaces, and in different sectors of the economy (manufacturing, services, and government). Topics to be covered include: the development of management's industrial relations policies, the impact of the changing international economy on labor, the dynamics of collective bargaining, decision-making processes within unions, and problems of union democracy.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 742 - Public Budgeting

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

742

**Course Title**

Public Budgeting

**Department(s)**

Urban Studies

**Description**

This course examines contemporary government budgeting practices within the context of urban politics, public administration, collective bargaining, and federal and state impacts on local budgeting. The emphasis is on the budgeting process in New York City, beginning with the role of the fiscal crisis of 1974 - 75 in reforming City government budgeting.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 743 - Advocacy, Politics, and Disease

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

743

**Course Title**

Advocacy, Politics, and Disease

**Department(s)**

Urban Studies

**Description**

This course is concerned with the politics of emergent diseases, the controversies and conflicts among various social groups and the impact on whether or not an emergent disease is recognized as a legitimate ailment. These groups might include communities of sufferers, "disease champions," medical specialists, and their disciplinary organizations, biomedical researchers and their institutions, politicians and political institutions at the local, state and federal levels, and governmental bureaucracies. It also examines factors that determine what level of priority emergent diseases receive in the allotment of scarce financial and bio/scientific resources. The course emphasizes diseases found disproportionately in urban populations, but not to the exclusion of diseases found scattered in the general population.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 744 - Human Resource Management

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      744

**Course Title**  
Human Resource Management

**Department(s)**  
Urban Studies

**Description**  
This course examines personnel management, including the legal issues associated with the day-to-day employment related decisions and actions of managers. The Human Resources function is divided into major areas of Personnel, Labor Relations, Equal Employment Opportunity, and discipline. Students will openly discuss topics associated in the context of problems that most typically arise in the work place. The framework for studying the topics will be reading Federal, State, and Local Laws, along with reviewing the government policies and Court decisions.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 745 - Community Organization

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      745

**Course Title**  
Community Organization

**Department(s)**  
Urban Studies

**Description**  
Analysis of the structure and organization of urban communities and how community resources can be mobilized to solve social and economic problems.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 746 - Urban Transportation Policy

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      746

**Course Title**  
Urban Transportation Policy

**Department(s)**  
Urban Studies

**Description**  
This course provides an overview of urban transportation policy in the United States. Course topics include the historical relationships between transportation innovations and urban development; the evolution of federal transportation policy; the impact of the Interstate highway system on U.S. metropolitan areas; the decline and revival of mass transit in U.S. cities; policies for combating traffic congestion, metropolitan sprawl and air pollution; the impact of current transportation policies on women, the elderly and the poor; and recent efforts to encourage the development of pedestrian-friendly cities.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 747 - Human Resources and Law.

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      747

**Course Title**  
Human Resources and Law.

**Department(s)**  
Urban Studies

**Description**  
This course introduces the principles of employment law. Students are introduced to the principal theories, policies and literature concerning federal and state regulations in the private and public sectors, in the context of problems that typically arise in the work place. Students will be exposed to statutes and substantive case law using a case study approach. The statutes and case law examined encompass employment discrimination, New York State employment law statutes and regulations, sexual orientation, Fair Labor Standards Act,

American with Disabilities Act, and Family and Medical Leave Act. Lastly, this course will also address issues such as termination-at-will, negligent hiring and retention, wrongful discharge, privacy and drug-free workplace.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 748 - Organizational Behavior and Urban Politics

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

748

**Course Title**

Organizational Behavior and Urban Politics

**Department(s)**

Urban Studies

**Description**

This course is an introduction to the theory of the operation and behavior of public, private, and nonprofit organizations. Students will be introduced to the works of theorists such as Woodrow Wilson, Max Weber, Frederick Taylor, Chester Barnard, Robert Merton, Abraham Maslow, Douglas MacGregor, Frederick Mosher, Robert Dahl, and Charles Lindblom. Students will examine selected aspects of organizational operation including organizational decision-making, organizational culture, motivation and politics. The course will study human behavior in organizations at the individual and group level, including the effect of organizational structure on employees' performance. Issues such as diversity in the workplace, ethics, and social responsibility will be analyzed and specific problems discussed in detail. Case analyses are drawn from City and State agencies and contemporary political issues.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 749 - Urban Education

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

749

**Course Title**

Urban Education

**Department(s)**

Urban Studies

**Description**

May be repeated for credit if topic changes.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 750 - Contemporary Urban Theory

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

750

**Course Title**

Contemporary Urban Theory

**Department(s)**

Urban Studies

**Description**

This course will explore the principal theoretical perspectives, paradigms and schools of thought that can help understand such urban phenomena as gentrification, urban poverty, urban activism, neighborhood development, segregation, city politics, suburbanization, economic restructuring, and urban planning. Urban theory encompasses many interdisciplinary points of view, and we will explore the work of geographers, sociologists, economists, historians, political scientists and anthropologists. The goal of this course is to understand not only how cities have changed in recent decades, but also the theoretical basis for describing these changes. Students will learn to appreciate the importance of theory for making sense of the social world around us and will learn how to think theoretically, a skill that they can bring to bear in their future analyses of urban issues.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**Minimum Units  
3Maximum Units  
3**URBST 751 - Critical Perspectives on Urban Research****Overview**Academic Institution  
QNS01Subject area  
URBSTCatalog Number  
751Course Title  
Critical Perspectives on Urban ResearchDepartment(s)  
Urban Studies

**Description**  
Critical analysis of urban research methodologies including macroscopic analysis, demography, intensive interviewing, survey research, participant observation, community studies, policy analysis, and evaluation research. Students will gain a critical sense of the political and ideological assumptions that inform research design and implementation.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**URBST 752 - Women in Urban Society.****Overview**Academic Institution  
QNS01Subject area  
URBSTCatalog Number  
752Course Title  
Women in Urban Society.Department(s)  
Urban Studies

**Description**  
Effects of urban life on the status of women in the family and the political economy. Current changes and future prospects.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**URBST 753 - Drugs and Criminal Justice****Overview**Academic Institution  
QNS01Subject area  
URBSTCatalog Number  
753Course Title  
Drugs and Criminal JusticeDepartment(s)  
Urban Studies

**Description**  
This course will analyze how the US criminal justice system has impacted on the use of drugs and treatment for drug abuse. It will examine how the Federal, State and local police organizations plan, implement, and coordinate policies and procedures for combating the use of illegal drug. It will focus in particular on the "War on Drugs." The New York State Penal Laws (Rockefeller Drug) laws will be discussed in depth.

Academic Career  
GraduateLiberal Arts  
YesPermission Type  
No Special Consent Required**Credits**Minimum Units  
3Maximum Units  
3**URBST 754 - Domestic Violence and Criminal Justice****Overview**Academic Institution  
QNS01Subject area  
URBSTCatalog Number  
754Course Title  
Domestic Violence and Criminal JusticeDepartment(s)  
Urban Studies

**Description**  
This course will focus on the operation of the criminal justice system in situations of domestic and family violence. Theories dealing with the sources of domestic violence will be reviewed. The focus will be on the operation of those parts of the criminal justice system having principal responsibility for arresting, prosecuting

and adjudicating domestic and family violence cases -- the police, prosecution, and courts. The role and effectiveness of contemporary public programs and community remedies for domestic violence will also be analyzed.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 755 - Community Development and Redevelopment

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

755

**Course Title**

Community Development and Redevelopment

**Department(s)**

Urban Studies

**Description**

This course is focused on the theory and practice of community development in urban neighborhoods, particularly in neighborhoods undergoing redevelopment. It draws from community-based urban planning processes, community organizing, and contemporary debates around processes of economic development and gentrification. Students will learn how to assess the assets of a neighborhood based on human, social, physical, financial, political, environmental, and cultural capital. Issues of social equity and inclusivity will be emphasized in exploring how community-based planning can be a tool of social justice organizing.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 756 - The Law and Urban Society

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

756

**Course Title**

The Law and Urban Society

**Department(s)**

Urban Studies

**Description**

This course examines the role of law in relation to a variety of urban issues. It begins with an overview of legal processes within the American constitutional system. It then proceeds to address the relationship of law to issues of welfare, housing, racial discrimination, education, and urban crime.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 758 - Climate Change and Public Policy

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

758

**Course Title**

Climate Change and Public Policy

**Department(s)**

Urban Studies

**Description**

This course will examine the science, politics, and economics of global climate change and its likely impact on humankind's use of energy. Data showing the past and likely future of global warming will be examined, including alternative interpretations and the controversy surrounding these data. The future of energy production and consumption will be studied. Issues related to climate change including population growth, urbanization, transportation, energy consumption and energy alternatives will be discussed. The role of public policy, especially urban policy, and of the environmental movement will be examined. Videos, internet sources, and guest speakers will be brought into the course to provide the most up-to-date information.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 759 - Planning and Politics

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      759

**Course Title**  
Planning and Politics

**Department(s)**  
Urban Studies

**Description**  
Land use planning in New York City is governed by a number of regulatory programs including zoning, environmental regulations, and the NYC building code. However, in New York City, as in many other cities, powerful economic and political forces really determine how land is developed. Community and special interest groups confront politicians and developers in determining what eventually gets built. This course looks at all of these factors, focusing in particular on current planning controversies.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 760 - Selected Topics in Urban Policy and Planning

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      760

**Course Title**  
Selected Topics in Urban Policy and Planning

**Department(s)**  
Urban Studies

**Description**  
An intensive analysis of policies and planning in one urban topic in one semester (e.g., health, housing, transportation, education, welfare). May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 7601 - Selected Topics in Urban Policy and Planning

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      7601

**Course Title**  
Selected Topics in Urban Policy and Planning

**Department(s)**  
Urban Studies

**Description**  
An intensive analysis of policies and planning in one urban topic in one semester (e.g., health, housing, transportation, education, welfare). May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

**Minimum Units**                      **Maximum Units**  
3    3

## URBST 7602 - VT: Selected Topics in Urban Policy and Planning

### Overview

**Academic Institution**  
QNS01

**Subject area**                      **Catalog Number**  
URBST                                      7602

**Course Title**  
VT: Selected Topics in Urban Policy and Planning

**Department(s)**  
Urban Studies

**Description**  
An intensive analysis of policies and planning in one urban topic in one semester (e.g., health, housing, transportation, education, welfare). May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## URBST 7603 - VT: Selected Topics in Urban Policy and Planning

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
URBST	7603

**Course Title**  
VT: Selected Topics in Urban Policy and Planning

**Department(s)**  
Urban Studies

**Description**  
An intensive analysis of policies and planning in one urban topic in one semester (e.g., health, housing, transportation, education, welfare). May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## URBST 7604 - VT: Selected Topics in Urban Policy and Planning

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
URBST	7604

**Course Title**  
VT: Selected Topics in Urban Policy and Planning

**Department(s)**  
Urban Studies

**Description**  
An intensive analysis of policies and planning in one urban topic in one semester (e.g., health, housing, transportation, education, welfare). May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## URBST 7605 - VT: Selected Topics in Urban Policy and Planning

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
URBST	7605

**Course Title**  
VT: Selected Topics in Urban Policy and Planning

**Department(s)**  
Urban Studies

**Description**  
An intensive analysis of policies and planning in one urban topic in one semester (e.g., health, housing, transportation, education, welfare). May be repeated for credit.

**Academic Career**  
Graduate

**Liberal Arts**  
Yes

**Permission Type**  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## URBST 7606 - VT: Selected Topics in Urban Policy and Planning

### Overview

**Academic Institution**  
QNS01

Subject area	Catalog Number
URBST	7606

**Course Title**  
VT: Selected Topics in Urban Policy and Planning

**Department(s)**  
Urban Studies

**Description**  
An intensive analysis of policies and planning in one urban topic in one semester (e.g., health, housing, transportation, education, welfare). May be repeated for credit.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**URBST 762 - Jobs and Occupations in Urban Society.**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

762

**Course Title**

Jobs and Occupations in Urban Society.

**Department(s)**

Urban Studies

**Description**

Changing job structures and the labor force are considered in relation to employment and unemployment, education, discrimination, government programs, labor unions, corporation policies, and economic and social change.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**URBST 763 - Race, Ethnicity, and Public Policy**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

763

**Course Title**

Race, Ethnicity, and Public Policy

**Department(s)**

Urban Studies

**Description**

This course begins with an overview of the status of racial and ethnic minorities in contemporary American society. It then examines a number of critical policy issues, such as enforcement of antidiscrimination laws, affirmative action, bilingual education, transracial adoptions, the creation of black-majority Congressional districts, and multicultural education.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**URBST 765 - Urban Poverty**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

765

**Course Title**

Urban Poverty

**Department(s)**

Urban Studies

**Description**

This course begins with an overview of the status of racial and ethnic minorities in contemporary American society. It then examines a number of critical policy issues, such as enforcement of antidiscrimination laws, affirmative action, bilingual education, transracial adoptions, the creation of black-majority Congressional districts, and multicultural education.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**URBST 770 - Roots of the Urban Crisis.**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

770



**Course Title**

Roots of the Urban Crisis.

**Department(s)**

Urban Studies

**Description**

Selected topics in the development of urban institutions in American cities and their problems in meeting individual and social needs. May be repeated for credit (each institution will be dealt with in a separate course).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**Course Title**

VT: Roots of the Urban Crisis

**Department(s)**

Urban Studies

**Description**

Selected topics in the development of urban institutions in American cities and their problems in meeting individual and social needs. May be repeated for credit (each institution will be dealt with in a separate course).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**URBST 7701 - VT: Roots of the Urban Crisis**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

7701

**Course Title**

VT: Roots of the Urban Crisis

**Department(s)**

Urban Studies

**Description**

Selected topics in the development of urban institutions in American cities and their problems in meeting individual and social needs. May be repeated for credit (each institution will be dealt with in a separate course).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**URBST 7703 - VT: Roots of the Urban Crisis**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

7703

**Course Title**

VT: Roots of the Urban Crisis

**Department(s)**

Urban Studies

**Description**

Selected topics in the development of urban institutions in American cities and their problems in meeting individual and social needs. May be repeated for credit (each institution will be dealt with in a separate course).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits**

**Minimum Units**

3

**Maximum Units**

3

**URBST 7702 - VT: Roots of the Urban Crisis**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

7702

**URBST 7704 - VT: Roots of the Urban Crisis**

**Overview**

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

7704

**Course Title**

VT: Roots of the Urban Crisis

**Department(s)**

Urban Studies

**Description**

Selected topics in the development of urban institutions in American cities and their problems in meeting individual and social needs. May be repeated for credit (each institution will be dealt with in a separate course).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 7705 - VT: Roots of the Urban Crisis

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

7705

**Course Title**

VT: Roots of the Urban Crisis

**Department(s)**

Urban Studies

**Description**

Selected topics in the development of urban institutions in American cities and their problems in meeting individual and social needs. May be repeated for credit (each institution will be dealt with in a separate course).

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 773 - Labor and Globalization

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

773

**Course Title**

Labor and Globalization

**Department(s)**

Urban Studies

**Description**

This course examines the social, political and economic effects of the expansion of global capitalism, with an emphasis on the impact on workers in the United States, and New York City in particular. The course surveys the phenomenon of "globalization" from several critical angles' as a central aspect of the historic development of capitalism, as a recent development of an old process, as a new frontier in social studies, and as a force for the betterment and/or detriment of the world. It explores theories of economic development and trade and examines those from a variety of differing perspectives. What is the relationship between corporate globalization and economic growth, employment, poverty, and democracy? We examine the impacts on workers and unions and consider models of organizing in the current context including global unions, cross-border solidarity campaigns, anti-sweatshop work, corporate social responsibility, and worker protest. Finally, we consider some of the models of political economy that are posed as alternatives to corporate globalization.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 775 - Changing Urban Institutions

**Overview****Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

775

**Course Title**

Changing Urban Institutions

**Department(s)**

Urban Studies

**Description**

See department for description.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

**Credits****Minimum Units**

3

**Maximum Units**

3

## URBST 780 - Fieldwork I

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
URBST	780

Course Title  
Fieldwork I

Department(s)  
Urban Studies

Description  
Includes fieldwork assignment and seminar sessions.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## URBST 781 - Fieldwork II

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
URBST	781

Course Title  
Fieldwork II

Department(s)  
Urban Studies

Description  
Includes fieldwork assignment and seminar sessions. Must be a different assignment from that of Fieldwork I

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## URBST 784 - Research Paper Tutorial

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
URBST	784

Course Title  
Research Paper Tutorial

Department(s)  
Urban Studies

Description  
May be repeated up to 2 credits.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
1	1

## URBST 785 - Tutorial

### Overview

Academic Institution  
QNS01

Subject area	Catalog Number
URBST	785

Course Title  
Tutorial

Department(s)  
Urban Studies

Description  
Advanced work involving specialized readings and research on a topic chosen by the student and faculty sponsor. Includes regular conferences with the sponsor and preparation of a paper. May be taken twice if the topics are different.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units	Maximum Units
3	3

## URBST 7851 - Tutorial

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
URBST                              7851

Course Title  
Tutorial

Department(s)  
Urban Studies

Description  
Advanced work involving specialized readings and research on a topic chosen by the student and faculty sponsor. Includes regular conferences with the sponsor and preparation of a paper. May be taken twice if the topics are different.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
1    1

## URBST 7852 - Tutorial

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
URBST                              7852

Course Title  
Tutorial

Department(s)  
Urban Studies

Description  
Advanced work involving specialized readings and research on a topic chosen by the student and faculty sponsor. Includes regular conferences with the sponsor and preparation of a paper. May be taken twice if the topics are different.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
2    2

## URBST 7853 - Tutorial

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
URBST                              7853

Course Title  
Tutorial

Department(s)  
Urban Studies

Description  
Advanced work involving specialized readings and research on a topic chosen by the student and faculty sponsor. Includes regular conferences with the sponsor and preparation of a paper. May be taken twice if the topics are different.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## URBST 790 - Seminar in Selected Topics in Urban Studies.

### Overview

Academic Institution  
QNS01

Subject area                      Catalog Number  
URBST                              790

Course Title  
Seminar in Selected Topics in Urban Studies.

Department(s)  
Urban Studies

Description  
The topic will vary from semester to semester.

Academic Career  
Graduate

Liberal Arts  
Yes

Permission Type  
No Special Consent Required

### Credits

Minimum Units                      Maximum Units  
3    3

## URBST 791 - Seminar on Research and Writing

### Overview

**Academic Institution**

QNS01

**Subject area**

URBST

**Catalog Number**

791

**Course Title**

Seminar on Research and Writing

**Department(s)**

Urban Studies

**Description**

Students will learn to research, organize, and write an original research paper on a subject of their choice. It may take the form of a policy report, planning study, or a research paper that engages current issues or policy debates. This research paper can be used to fulfill the Final Project required for graduation.

**Academic Career**

Graduate

**Liberal Arts**

Yes

**Permission Type**

No Special Consent Required

### Credits

**Minimum Units**

3

**Maximum Units**

3