

Biology BA

Secondary Education 7-12

This course requires 55 + 27 (SEYS) major credits

PROGRAM KEY POINTS

- Combines rigorous coursework in biology with educational theory and pedagogical strategies tailored for secondary education.
- Covers essential biological concepts, laboratory techniques, and contemporary topics in biology, ensuring a comprehensive understanding of the subject

FOUR YEAR CAREER MAP ADVISORY

- Accompanying the Career Milestones, please use the Academic Degree Program Maps link that offers suggested four-year course combinations and prerequisites based on the undergraduate annual catalog year you started at QC.
- All underlined content in this document acts as a hyperlink to important resources for your guidance. Access these links using the command (*ctrl + click*) or if you are using the printed version, please scan the QR codes.
- Review your academic program maps to align it with your career milestone map.



ACADEMIC MAP



CAREER MAP



* Repeat regularly in each academic year (Years 1, 2, 3 & 4)

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Freshman

FALL

Career Milestones	Done
Access Handshake QC *	
Create a Draft Resume	
Review Courses for the Major	
Join a Student Club on campus	
Attend the Career Center's Meet and Greet Orientation *	
Take a Focus2 career assessment	

SPRING

Career Milestones	Done
Create a LinkedIn Account	
Explore career options for Biology majors	
Schedule an appointment on QC Navigate with an advisor (career, academic and/or faculty) *	
Leverage professional skill growth for Biology majors	
Attend Career Center's workshops	
Join biology-related student organizations	

Sophomore

FALL

Career Milestones	Done
Update your Handshake QC profile and interests *	
Develop a network of contact through LinkedIn	
Build out and formulate an effective resume	
Identify a mentor and check-in periodically	
Apply for biology summer internships	
Attend Professional Development Workshops	

SPRING

Career Milestones	Done
Engage in volunteer research projects from diverse faculty	
Participate in a field-specific internship or shadowing program	
Start building a professional portfolio of projects and research	
Join student professional orgs. Attend on campus and external career fairs, local meetings, conferences and seminars	
Learn statistical tools like SPSS, R, Stata, Tableau, SQL...	



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Junior

FALL

Career Milestones	Done
Update resume to be more succinct and industry ready	
Utilize LinkedIn and other resources such as The Vault	
Apply for internships on HandshakeQC , Spring Forward, Career Launch , CUNY Tech Prep , LifeSci NYC , etc.	
Present at student <u>research conferences or symposiums</u>	
Assume leadership in student groups	
<u>Publish research or analysis on economic topics</u>	

SPRING

Career Milestones	Done
Acquire technical internship interview readiness	
Engage and connect with professional networks through academic seminars and guest lectures	
Apply for <u>advanced internships or research assistant positions</u>	
Consider <u>self-guided case studies</u> outside the classroom	
<u>Participate in a virtual work experience program</u>	
Attend national or international biology conferences	

Senior

FALL

Career Milestones	Done
Take advantage of events offered by Career Center to perfect job search, <u>interviewing</u> and employability skills	
<u>Schedule an appointment with the career advisor</u>	
Inform contacts you are searching for a job	
Apply, apply and <u>apply for more jobs. Record your progress</u>	
Complete a senior thesis or capstone project	

SPRING

Career Milestones	Done
<u>Apply for more jobs. Record your progress and remember to follow-up on your applications</u>	
Secure references and recommendations	
If applicable, complete graduate school app process	
Connect with <u>alumni office and join QC alumni</u>	
Connect with alumni in <u>LinkedIn groups</u>	
<u>Consider an MBA or additional certifications</u>	



ACADEMIC MAP



CAREER MAP



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