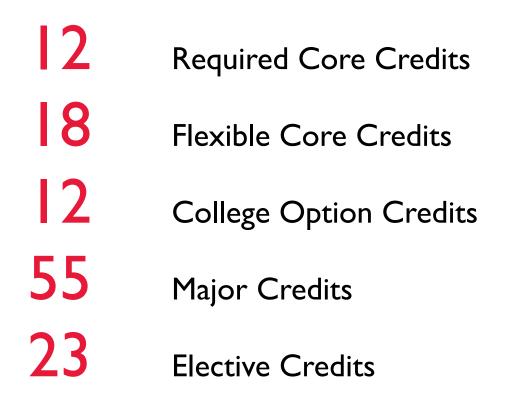
QUEENS COLLEGE Biology BA

FOUR YEAR ACADEMIC PLAN



This 4-year academic plan is designed to help freshmen entering Queens College in Fall 2023. Our 4-year academic plans are illustrative examples of integrated degree requirements and course sequencing for each of the College's programs of study which are designed to ensure degree completion in a timely manner. Students are advised to meet with professional and faculty advisors to tailor their degree maps to their individual interests (academic and career goals), as well as other considerations including course offerings and the incorporation of winter and summer sessions. Course pre-requisite/s and co-requisite/s are strictly enforced, as are entrance and maintenance criteria (if applicable) for the successful completion of the degree.



CU NY

QUEENS COLLEGE

Biology BA

FOUR YEAR ACADEMIC PLAN

Freshman

FAII

FALL		SPRING	
English Composition I (EC1)	3 credits	English Composition II (EC2)	3 credits
MATH 132, or MATH 142, or MATH 151 or 4 credits		(BIOL 13 recommended)	
BIOL 230 †¥ (MQR)		BIOL 106# (SCI)	4 credits
Calculus/Differentiation & Integration		CHEM 1134+1131 (LPS)	5 credits
BIOL 105# (SW)	4 credits	General Chemistry I	
General Biology I		Creative Expression (CE)	3 credits
College Option Language (LANG)	4 credits	• • • •	
		Spring total credits	15 credits
Fall total credits	15 credits		

Sophomore

FALL

BIOL 285 Principles of genetics	4/3 credits	BIOL 285 Principles of genetics	4/3 credits
OR BIOL 286, or 287 (choose 2 of 3)		OR BIOL 286, or 287 (choose 2 of 3)	
Biology Electives*	4 credits	Biology Electives*	4 credits
Laboratory course or Lecture course		Laboratory course or Lecture course	
CHEM 1144 +1141 (SW)	5 credits	Major or non-major Electives***	4/5 credits
General Chemistry II		(non-major electives MATH 152¥	
Individual & Society (IS)	3 credits	or PHYS 121 recommended)	
		Major or non-major Electives***	3 credits
Fall total credits	15 credits		
		Spring total credits	15 credits

SPRING

† Please speak to the math department or a biology advisor if you are not eligible to take Math 132, or Math 142, or Math151 in your first semester.

* 20 or 21 Biology credits must be 200-level courses & above, of which at least three of the advanced courses, not including BIOL 344, 381, 390, 391, 395, or 396, must be at the 300 level, and at least four must be laboratory courses.

* Course selection must be made in consultation with a departmental advisor.

** If a Literature course is taken with a W, it will count towards Literature and one Writing Intensive Unit. # BIOL 105 and BIOL 106 can be taken out of sequence. Students can be registered into BIOL 106 by the department if they cannot get BIOL 105 first.

¥ Students who fail or withdraw from this course multiple times may be prohibited from majoring in the sciences or mathematics; see your department for questions.





QUEENS COLLEGE

Biology BA

FOUR YEAR ACADEMIC PLAN

Junior

FALL

Biology Electives*	3/4 credits	Biology Electives*	4 credits
Laboratory course or Lecture course		Laboratory course or Lecture course	
CHEM 2514 + 2511 (SCI)	4/5 credits	College Option Literature (LIT+W)	3 credits
Organic Chemistry I		With Writing Intensive Unit**	
OR CHEM 1023+1021		US Experience in Its Diversity (USED)	3 credits
World Cultures & Global Issues (WCGI)	3/4 credits	Major or non-major Electives***	4 credits
Major or non-major Electives***	3/4 credits	Colloquium in Biology	
		Spring total credits	15 credits

SPRING

Senior

FALL SPRING 3 credits **Biology Electives* Biology Electives*** 3 credits 3/4 credits Laboratory course or Lecture course Major or non-major Electives*** 3 credits 3/4 credits One Writing Intensive Unit (W) Major or non-major Electives*** Major or non-major Electives*** 3/4 credits Major or non-major Electives*** 3/4 credits 3/4 credits Major or non-major Electives*** Major or non-major Electives*** 3 credits Major or non-major Electives*** 3/4 credits **I5 credits** Spring total credits Fall total credits 15 credits

***General Electives: Students may complete general electives by taking courses in (most) department/s or programs they choose; however, depending on the course/program, students may need department permission and/or prerequisite course/s. Electives may be used to supplement the chosen major (an English major may want to take a course in French or Italian literature) or to fulfill interest in a different area (a Music major may be interested in the physics of sound). Students are encouraged to use available electives to complete a dual major, minor, pre-requisites for graduate or professional school, or complete and internship, experiential learning and/or study abroad. Students are encouraged to use their available general electives wisely and focus on coursework that will assist them personally, academically and professionally.



