QUEENS COLLEGE

Neuroscience BA

FOUR YEAR ACADEMIC PLAN

12	Required Core Credits
18	Flexible Core Credits
12	College Option Credits
55	Major Credits
23	Elective Credits

This 4-year academic plan is for freshmen entering Queens College in Fall 2021.
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.

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Freshman

FALL

English Composition I (EC1)	3 credits
PSYCH 101 (SW) General Psychology	4 credits
World Cultures & Global Issues (WCGI)	3 credits
US Experience in Its Diversity (USED)	3 credits
Creative Expression (CE)	3 credits
Fall total credits	**16 credits**

SPRING

English Composition II (EC2)	3 credits
BIOL 105 (LPS) General Biology I	4 credits
PSYCH 243 Behavioral Neuroscience	3 credits
PSYCH 1073+1071 (MQR) Statistical Methods OR BIOL 230 Biostatistics	4 credits
General Electives***	2 credits

Sophomore

FALL

BIOL 106 (SCI) General Biology II	4 credits
CHEM 1134 & 1131 (SW) General Chemistry I	5 credits
Individual & Society (IS)	3 credits
College Option Literature (LIT+W) With Writing Intensive Unit**	3 credits
Fall total credits	**15 credits**

SPRING

CHEM 1144 & 1141 General Chemistry II	5 credits
PSYCH 213W (SCI) + (W) Experimental Psychology OR BIO 330 Design of Experiments	4 credits
General Electives***	6 credits
Spring total credits	**15 credits**

** If a Literature course is taken with a W, it will count towards Literature and one Writing Intensive Unit.

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Junior

FALL

BIOL 286 Cellular Biology	3 credits
Neuroscience Electives†	3 credits
General Electives***	9 credits
Fall total credits	**15 credits**

SPRING

College Option Language (LANG)	4 credits
Neuroscience Electives†	3 credits
General Electives***	8 credits
Spring total credits	**15 credits**

Senior

FALL

Choose one from the following BIOL 373, PSYCH 316, BIOL 385.4	4 credits
Neuroscience Electives†	3 credits
General Electives***	8 credits
Fall total credits	**15 credits**

SPRING

Neuroscience Electives†	3 credits
Independent Research Course (3 hours min)* From: PSYCH 391, BIOL 390-395, HMNS 291, 391	3 credits
General Electives***	9 credits
Spring total credits	**15 credits**

†List of Major Area Electives (12 credits required):

PSYCH 260, PSYCH 342, PSYCH 345, PSYCH 346, PSYCH 352, BIOL 285, BIOL 325, BIOL 326, BIOL 345, BIOL 354, BIOL 365, BIOL 372, CHEM 371

If PSYCH 316 or BIOL 385.4 not taken as part of courses required for the major, then one (1) course from the list of Advanced Experimental Psychology offerings may be selected: PSYCH 311, PSYCH 312, PSYCH 313, PSYCH 316/BIOL 385.4, PSYCH 319

* *Students must conduct neuroscience research in an approved laboratory for a minimum of 1 year but preferably more. Prior to graduation, student must also write a thesis and make a public oral presentation based on their research. A GPA of 3.0 and written permission of the faculty mentor is required.*

***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.

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