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
120	Total

This 4-year academic plan is designed to help freshmen entering Queens College in Fall 2018 plan their academic career and ensure that they complete all requirements for graduation in a timely fashion. All other students should consult their academic and department advisors to chart their own 4-year academic plans. Students should note that course pre-requisite/s and co-requisite/s are strictly enforced and they should regularly meet with their department advisors to identify their specific major/minor requirements and entrance and maintenance criteria (if applicable) for successful completion of their degree.

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Freshman

FALL

English Composition I (EC1)	3 credits
PSYCH 101 (SW)	4 credits
General Psychology	
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)	4 credits
General Biology I	
PSYCH 243	3 credits
Behavioral Neuroscience	
PSYCH 1073+1071 (MQR)	4 credits
Statistical Methods	
OR BIOL 230 Biostatistics	
General Electives***	2 credits
Spring total credits	**16 credits**

Sophomore

FALL

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

SPRING

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