This 4-year academic plan is designed to help freshmen entering Queens College in Fall 2017 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 prerequisite/s and corequisite/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.

<table>
<thead>
<tr>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Required Core Credits</td>
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<tr>
<td>18</td>
<td>Flexible Core Credits</td>
</tr>
<tr>
<td>12</td>
<td>College Option Credits</td>
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<tr>
<td>55</td>
<td>Education Credits</td>
</tr>
<tr>
<td>23</td>
<td>Elective Credits</td>
</tr>
<tr>
<td>120</td>
<td>Total</td>
</tr>
</tbody>
</table>
# QUEENS COLLEGE

## Neuroscience BA

**FOUR-YEAR ACADEMIC PLAN**

### 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** 3 credits

**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

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**If a Literature course is taken with a W, it will count towards Literature and one Writing Intensive Unit.**
†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 general electives wisely and focus on coursework that will assist them personally, academically and professionally.