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.
# 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**

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

**FOUR-YEAR ACADEMIC PLAN**

#### Junior

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
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<tbody>
<tr>
<td><strong>BIOL 286</strong></td>
<td><strong>College Option Language (LANG)</strong></td>
</tr>
<tr>
<td><strong>Cellular Biology</strong></td>
<td><strong>Neuroscience Electives†</strong></td>
</tr>
<tr>
<td><strong>Neuroscience Electives†</strong></td>
<td><strong>General Electives</strong>*</td>
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<tr>
<td><strong>General Electives</strong>*</td>
<td><strong>Spring total credits</strong></td>
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<tr>
<td><strong>Fall total credits</strong></td>
<td><strong>15 credits</strong></td>
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</tbody>
</table>

#### Senior

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
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<tbody>
<tr>
<td><strong>Choose one from the following</strong></td>
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<tr>
<td><strong>BIOL 373, PSYCH 316, BIOL 385.4</strong></td>
<td><strong>Independent Research Course (3 hours min)</strong>*</td>
</tr>
<tr>
<td><strong>Neuroscience Electives†</strong></td>
<td><strong>From: PSYCH 391, BIOL 390-395, HMNS 291, 391</strong></td>
</tr>
<tr>
<td><strong>General Electives</strong>*</td>
<td><strong>General Electives</strong>*</td>
</tr>
<tr>
<td><strong>Fall total credits</strong></td>
<td><strong>15 credits</strong></td>
</tr>
</tbody>
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†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 courses. 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.