## Sample Four-Year Plan
### B.S. in Neuroscience

### Fall of First Year
- PSY 1010: General Psychology (3)
- BIOL 1240: Principles of Biology I (3)
- BIOL 1245: Principles of Biology Laboratory (1)
- CHEM 1110: General Chemistry I (3)
- CHEM 1115: General Chemistry I Lab (1)
- UNIV 1010: Enhancing First Year Success (1)
- CORE (3)

**Term Credit Total:** 15

### Spring of First Year
- PSY 3100: Brain, Mind, & Society (3)
- BIOL 1260: Principles of Biology II (3)
- BIOL 1265: Principles of Biology II Laboratory (1)
- CHEM 1120: General Chemistry II (3)
- CHEM 1125: General Chemistry II Lab (1)
- MATH 1510: Calculus I (4)
- NEUR 1950: First-Year Mentoring (0)

**Term Credit Total:** 15

### Fall of Sophomore Year
- BIOL 3020: Molecular Cell Biology I (3)
- PSY 2050: Foundations of Research Methods (4)
- PHYS 1310: Physics I (3)
- PHYS 1320: Physics I Lab (1)
- CORE (3)
- NEUR 2950: Second-Year Mentoring (0)

**Term Credit Total:** 14

### Spring of Sophomore Year
- BIOL 3040: Cellular Structure & Function (3)
- NEUR 3400: Introduction to Neuroscience 1 (3)
- PHYS 1310: Physics I (3)
- CORE (3)
- CORE (3)

**Term Credit Total:** 15

### Fall of Junior Year
- NEUR 3500: Introduction to Neuroscience 2 (3)
- NEUR 3550: Neuroscience Lab (2)
- CORE (3)
- CORE (3)
- CORE (3)

**Term Credit Total:** 14

### Spring of Junior Year
- PHIL 4280: Biology & Mind (3)
- Bio or Psyc Elective* (2-5)
- Bio or Psyc Elective* (2-5)
- CORE (3)
- CORE (3)

**Term Credit Total:** 15

### Fall of Senior Year
- Bio or Psyc Elective* (2-5)
- CORE (3)
- Elective +

**Term Credit Total:** 15-18

### Spring of Senior Year
- NEUR 4900: Neuroscience Seminar (1^)
- Bio or Psyc Elective* (2-5)
- Bio or Psyc Elective* (2-5)
- Capstone/Inquiry/Honors Project** (1-3)
- Elective +
- Elective +
- NEUR 4950: Senior Residency (0)

**Term Credit Total:** 15-18

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### *Approved Biology Electives (must take one lab course, lab courses indicated in italic):*

- BIOL 3010 Evolution
- BIOL 3060 Cell Structure & Function Laboratory
- BIOL 3100 Experiments in Genetics Lab
- BIOL 3420 Comparative Anatomy of the Vertebrates
- BIOL 3470 General Physiology Laboratory
- BIOL 3480 Exercise Physiology
- BIOL 4010 Sex, Evolution, and Behavior
- BIOL 4030 Introduction to Genomics
- BIOL 4050 Molecular Technique Laboratory
- BIOL 4070 Advanced Biological Chemistry
- BIOL 4080 Advanced Cell Biology
- BIOL 4150 Nerve Cell Mechanisms in Behavior
- BIOL 4250 Neurobiology of Disease
- BIOL 4360 Animal Behavior
- BIOL 4370 Animal Behavior Lab
- BIOL 4410 Comparative Animal Physiology
- BIOL 4440 Vertebrate Histology: Structure and Function of Tissues
- BIOL 4500 Introductory Endocrinology
- BIOL 4510 Behavioral Endocrinology
- BIOL 4540 Human Systemic Physiology
- BIOL 4600 Developmental Biology
- BIOL 4610 Developmental Biology Lab
- BIOL 4630 Foundations of Immunobiology
- BIOL 4700 Molecular Biology

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May 2017

**Approved Capstone/Inquiry/Honors courses:** BIOL 4890 Senior Inquiry: Comprehensive Examination, BIOL 4970 Library Project, BIOL 4980 Advanced Independent Research, PSY 4010 Advanced Research Methods and Statistics, PSY 4880 Capstone Research Project, PSY 4900 Critical Thinking about Psych

+E Electives: Students must complete at least 120 credit hours for A&S degree requirements. Electives are only necessary if students need additional classes to reach this minimum.

^NEUR 4900: This course is currently listed as a 3 credit hour course. This course is expected to be changed to a 1 credit hour course in Spring 2018.