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

#### Fall of First Year
- **PSY 1010**: General Psychology (3)
- **BIOL 1040**: Principles of Biology I w/Lab (4)
- **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 1060**: Principles of Biology II w/Lab (4)
- **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 3000**: Introduction to Neuroscience I (3)
- **CORE (3)**
- **CORE (3)**
- **CORE (3)**

Term Credit Total: 15

#### Fall of Junior Year
- **NEUR 3020**: Introduction to Neuroscience II (3)
- **Bio or Psyc Elective* (2-5)**
- **CORE (3)**
- **CORE (3)**
- **CORE (3)**

Term Credit Total: 14-17

#### Spring of Junior Year
- **NEUR 4000**: Neuroscience Lab (2)
- **PHIL 4280**: Biology & Mind (3)
- **Bio or Psyc Elective* (2-5)**
- **CORE (3)**
- **CORE (3)**

Term Credit Total: 13-16

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

Term Credit Total: 15-18

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

Term Credit Total: 15-18

*Approved Biology Electives (must take one lab course, lab courses in italics)*:  
- **Biol 3030** Principles of Genetics, **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 4050** Molecular Technique Lab, **Biol 4070** Advanced Biological Chemistry, **Biol 4080** Advanced Cell Biology, **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 Cellular Physiology I, **Biol 4600** Developmental Biology, **Biol 4610** Developmental Biology Lab, **Biol 4630** Foundations of Immunobiology, **Biol 4700** Molecular Biology, **Biol 4930.01** Neurobiology of Disease, **Biol 4930.02** Intro to Genomics

*Approved Psychology Electives*:  
- **Psy 3120** Cognitive Psychology, **Psy 3160** Learning & Memory, **Psy 3210** Developmental Psychology: Child, **Psy 3230** Developmental Psychology: Adolescence, **Psy 3300** Social

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Psychology, PSY 3310 Personality Theory, PSY 4140 Psychopharmacology, PSY 4150 Science of Sleep, PSY 4350 Health Psychology, PSY 4390 Abnormal Psychology

**Approved Capstone/Inquiry/Honors courses:** BIOL 4890 Senior Inquiry: Comprehensive Examination, BIOL 4970 Library Project, BIOL 4980 Advanced Independent Research, BIOL 5000- or 6000-level course, PSY 4010 Advanced Research Methods and Statistics, PSY 4860 History of Psychology, PSY 4870 Capstone Practicum Project, PSY 4880 Capstone Research Project, PSY 4900 Critical Thinking about Psych

+ 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.