



Neuroscience Major Planning Sheet

| Introductory Courses (Required) | Sem. | Pre-requisites |
|---|---------------------|-----------------------------------|
| _____ Bio 110 Integrative Biology I (w/Lab) | F | |
| _____ Bio 111 Integrative Biology II (w/Lab) | S | |
| _____ Psy 101 Intro to Psychology I | F/S | |
| _____ Chem 150 Intro to Chemistry (w/Lab) | F/S | |
| _____ Chem 240 Organic Chemistry I | F/S | |
| _____ Chem 240(L) Organic Chem Lab | F/S | |
| _____ Chem – Organic Chem II or III | | |
| _____ Physics 102 Elements of Physics I (or Physics 202) | F | |
| _____ Physics 103 Elements of Physics II (or Physics 203) | S | |
| Methods and Process Courses | Sem. | Pre-requisites |
| _____ Psy 206 Research Statistics OR Math 115 Statistics (Psy 206 pref.) | F/S | Psych 101 |
| _____ Psy 207 Research Methodology | F/S | Psych 101,206 |
| Foundations Courses | Sem. | Pre-requisites |
| _____ Bio 250 Foundations of Neurobiology (lab) | F | Bio 110, 111 |
| _____ Psy 251 Foundations of Neural Circuits (lab) | S | Bio 250 |
| Electives | Sem. | Pre-requisites |
| Choose 1 of the following Molecular electives: | | |
| _____ Bio 216 Molecular Biology | S | Bio 110, 111 |
| _____ Chem 280 Biochemistry + Lab | F | Chem 240 |
| Choose 1 of the following Behavior electives: | | |
| _____ Bio 222 Human Anatomy & Physiology | S | Bio 110, 111, or Psych 101 |
| _____ Bio 285 Animal Behavior | F | Bio 110, 111, or Psych 101 |
| _____ Bio 325 Addiction (was Neuropharmacology) | S (alternating yrs) | Bio 110, 111 |
| _____ Bio 330 Diseases of the Nervous System | F | Bio 110,111, and 1 200 level Bio |
| _____ Bio 324 Neuroendocrinology | S (alternating yrs) | Bio 110,111, and 1 200 level Bio |
| Choose 1 of the following Psychology Electives: | | |
| _____ Psy 296 Topics in Neuroscience | TBD | Bio 110 or Psy 101 or Psy 102 |
| _____ Psy 311 Animal and Human Learning | F (alternating yrs) | Psych 101 and 207 |
| _____ Psy 315 Cognitive Neuroscience | F (alternating yrs) | Psych 101 and 207 |
| _____ Psy 323 Sensation and Perception | S | Psych 101 and 207 |
| Choose 1 of the following Math/Physics Electives: | | |
| _____ Math 118 (Calculus I) | | |
| _____ Physics 130 (Programming) | | |
| Research Experience Courses (1 Required) | Sem. | Pre-requisites |
| _____ Psy 400 Research in Neuroscience | TBD | Jr or Sr and permission of inst.. |
| _____ Bio/Psy 440 Directed Research | TBD | Permission of instructor |
| _____ Bio/Psy 450 Credit Internship | TBD | Permission of instructor |
| _____ Bio/Psy 490 Senior Honors Thesis | TBD | Permission of instructor |