

Minor in Neuroscience Research

The Neuroscience Research Minor expands opportunities for Temple students to apply neuroscience knowledge in research settings and to become more competitive in their applications to graduate and professional schools. The required courses in the Neuroscience Research Minor focus on basic neuroscience, neuroanatomy, cellular neuroscience, and conducting research.

In addition to formal coursework, students are required to take two neuroscience elective courses. The students have options to take independent study courses that result in a research project as electives. The Neuroscience Research Project is a unique project developed over two semesters of independent study. This research project may not overlap with projects for other programs (e.g., Honors).

Because of some overlap in coursework, the students must choose to minor in either the Neuroscience Research or the Cognitive Neuroscience minor.

Requirements

| Code | Title | Credit Hours |
|---|---|--------------|
| Required Courses | | |
| NSCI 1051 | Fundamentals of Neuroscience | 3 |
| NSCI 2122 | Cellular Neuroscience | 3 |
| NSCI 2001 | Functional Neuroanatomy | 3 |
| NSCI 3096 | Conducting Neuroscience Research | 3 |
| Electives | | |
| Select two of the following: | | 6-7 |
| NSCI 3000-4999 not used for another requirement | | |
| NSCI 2121 | Development/Plasticity/Repair | |
| NSCI 2222 | The Neurobiology of Disease | |
| PSY 2501 | Foundations of Behavioral Neuroscience | |
| PSY 2502 | Foundations of Cognitive Neuroscience | |
| PSY 3141 | Neurobiology and Evolution of Social Behavior | |
| PSY 3306 | Neuroscience of Development and Aging | |
| PSY 3561 | Psychopharmacology | |
| Total Credit Hours | | 18-19 |

Minors are awarded only at the time of completion of the bachelor's degree and cannot be awarded either as a stand-alone program of study or after completion of the first bachelor's degree.

Major in Psychology with a Neuroscience Research Minor

Students who major in Psychology and take the Neuroscience Research Minor may double count **one elective** and NSCI 3096 Conducting Neuroscience Research for both programs without taking any replacement coursework.