Minor in Neuroscience Research

The Neuroscience Research Minor expands opportunities for Temple students to get research experience 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, cellular and molecular neuroscience, and techniques.

In addition to formal coursework, independent study resulting in a research project is required. The Neuroscience Research Project is a unique project developed over two semesters of independent study. The project is submitted in written form (research article format) and is presented to Neuroscience faculty members and graduate students as a poster. This 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>NSCI 1051</td>
<td>Fundamentals of Neuroscience</td>
<td>3</td>
</tr>
<tr>
<td>NSCI 2122</td>
<td>Cellular Neuroscience</td>
<td>3</td>
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<tr>
<td>NSCI 2001</td>
<td>Functional Neuroanatomy</td>
<td>3</td>
</tr>
<tr>
<td>NSCI 3096</td>
<td>Conducting Neuroscience Research</td>
<td>3</td>
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Electives

Select two of the following: 6-7

- NSCI 2121 Development/Plasticity/Repair
- NSCI 2222 The Neurobiology of Disease
- NSCI 3000 Current Topics in Neuroscience
- NSCI 3087 Techniques in Neuroscience
- NSCI 4182 Independent Study in Neuroscience 1
- NSCI 4282 Independent Study in Neuroscience 2
- 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.