

## **Neuroscience Minor**

The interdisciplinary minor in Neuroscience provides students with the opportunity to develop an understanding of the fundamentals of this emerging field which brings together the study of brain, behavior and cognition. The curriculum is designed to reflect the interdisciplinary nature of the science through coursework from several different departments and to allow student to master the fundamentals of the field using both traditional classroom and applied learning venues. Students should contact one of the Neuroscience Minor coordinators for more information.

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**Requirements for a Minor in Neuroscience:** All students must complete five required core courses (14 hrs) and 3 credit hours of neuroscience research (491 or 499). An additional 6 credit hours of electives selected from the list below are required to complete the minor. At least nine hours must come from courses outside the student's major (including major requirements outside the discipline— e.g., CHM 101-102 for BIO or CHM majors and BIO 201 for PSY majors).

### **Total: 23 hours**

#### **Required Core Courses:**

	<b>Credit hours</b>
PSY 105 – General Psychology	3
BIO 201 – Cell Biology	4
PSY 256 – Brain and Behavior	3
BIO 443 – Neurobiology OR PSY 456 – Advanced Biological Psychology	3
BIO OR PSY 495 Seminar in Neuroscience (or specific neuroscience topical seminar approved by minor coordinator)	1-3

#### **Neuroscience Research Experience:**

PSY or BIO 491 or 499 (3hrs) (or equivalent research experience) approved by minor coordinator	3
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#### **Electives (at least six credit hours from any of the following):** 6

BIO 240 Human Anatomy and Physiology I  
BIO 335 Genetics  
BIO 443 (if PSY 456 is applied to the core requirement)  
CHM 101 General Chemistry I  
CHM 102 General Chemistry II  
CSC 415 Artificial Intelligence  
PAR 320 Philosophy of Mind  
PSY 245 Drugs and Behavior  
PSY 356 Motivation and Emotion  
PSY 456 (if BIO 443 is applied to the core requirement)  
PSY 457 Animal Behavior