

NEUROSCIENCE, MINOR (434)

Program Requirements (30 hours)

The minor in Neuroscience offers students the opportunity to study the intersection of brain and behavior in a manner that incorporates tools and perspectives from the psychological and biological sciences, and related disciplines. This minor will be an attractive option for students who are:

- 1. Planning to pursue advanced study in any of several fields related to neuroscience, including psychology, biology, medicine, counseling, or social work or
- 2. Seeking relevant training for jobs related to the assessment, rehabilitation, and treatment of brain damage, brain diseases, and addiction.

Code	Title	Hours
Choose one		3
PSYS 100 or PSY 100	Introduction to Psychology	
PSYS 160	Introduction to Biopsychology	
Choose one pair of research methods courses		4
PSYS 210 & PSYS 211	Research Methods in Psychology and Research Methods in Psychology Laboratory	
or PSY 210 & PSY 211	Research Methods in Psychology and Research Methods in Psychology Laboratory	
Biology Prerequisite Core		8
BIOL 120 & BIOL 121	Biological Concepts: Cells Metabolism and Genetics and Biological Concepts: Cells, Metabolism, and Genetics Lab	
BIOL 122 & BIOL 123	Biological Concepts: Evolution, Diversity, and Ecology and Biological Concepts: Evolution, Diversity, and Ecology Lab	
Upper level minor core (choose two)		6
PSYS 360	Behavioral Neuroscience	
BIOL 335	Neurobiology	
PHIL 332	Philosophy of Mind: Minds and Machines	
NEUR 310	Research Techniques of Neuroscience	
Select 9 credit hours in electives from the following courses: (Must include at least 3 PSYS hours and 3 BIOL hours)		9
PSYS 331	Principles of Human and Animal Learning	
PSYS 333	Cognitive Psychology	
PSYS 363	Sensory and Perceptual Systems	
PSYS 462	Fundamentals of Cognitive Neuroscience	
PSYS 465	Psychopharmacology	
PSYS 482	Psychology of Sexuality	
BIOL 316	Evolution: Theory and Process	
BIOL 319	Introduction to Molecular and Cell Biology	

BIOL 327	Genetics	
BIOL 334	Animal Behavior	
BIOL/CHEM 446	Biochemistry I	
BIOL 464	Endocrinology	
NEUR 401	Cellular and Molecular Neuroscience	
NEUR 402	Systems Neuroscience	
Total Hours		30

Note: Some courses available for the minor may have additional prerequisites.