

NEUROSCIENCE MINOR

Neuroscience is the interdisciplinary scientific study of the nervous system. It encompasses and combines a broad array of disciplines including biology, biochemistry, computer science, physiology, psychology, philosophy, and more. This diversity reflects the complexity of the nervous system and the challenges in understanding how nervous systems function on multiple levels underlying behavior: molecular, cellular, network, and systems. The overarching goal of the Neuroscience minor is to allow students who may be focusing their studies in a traditional discipline with certain levels of analysis to broaden their perspective and knowledge to areas outside of their primary field of study. The minor requires the completion of a minimum of 18 credits.

Code	Title	Credits
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Core Courses

BIO 3200	Human Physiology	
PSY 3120	Brain and Behavior	

A minimum of three additional courses taken outside of the student's major from the approved list of courses below.

Cellular and molecular courses

BIO 4120	Comparative Physiology	
BIO 4690	Molecular and Cellular Neurobiology	
BIO 5080	Cellular Basis of Animal Behavior	
BIO 5620	Developmental Biology	
BIO 6055	Biology of the Eye	
BIO 6690	Neurobiology I	

Behavioral and cognitive courses

KIN 3550	Motor Learning and Control	
PSY 2080	Introduction to Drugs, Behavior, and Society	
PSY 3040	Psychology of Perception: Fundamental Processes	
PSY 3060	Psychology of Learning and Memory: Fundamental Processes	
PSY 3080	Cognitive Psychology: Fundamental Processes	
PSY 5040	Cognitive Neuroscience	
PSY 5070	Neuropharmacology	
PSY 5080	Cellular Basis of Animal Behavior	
PSY 5330	Human Neuropsychology	
PSY 5440	Developmental Neuropsychology	

Philosophy courses

PHI 2550	Introduction to Philosophy of Science	
PHI 2650	Philosophy of Psychology	
PHI 5230	Philosophy of Science	
PHI 5550	Philosophy of Mind	