NEUROSCIENCE, MINOR

College of Biological Sciences

This minor allows non-NPB and non-Human Biology majors to learn about the importance of the nervous system. The large breadth of neuroscience courses available includes molecular and cellular neurobiology, developmental neurobiology, neurobiology of addictive drugs and cell signaling in health and disease. Students who obtain a neuroscience minor will be able to demonstrate knowledge of the neurobiological processes in animals and humans.

Faculty Advisors

William DeBello, Ph.D. (https://biology.ucdavis.edu/people/william-debello/), Talitha van der Meulen, Ph.D. (https://biology.ucdavis.edu/people/talitha-van-der-meulen/)

Advising

Biology Academic Success Center (BASC) (https://basc.biology.ucdavis.edu/) in 1023 Katherine Esau Science Hall (formerly Sciences Laboratory Building); 530-752-0410, cbsundergrads@ucdavis.edu.

Only one course used to satisfy a requirement for the minor may be applied toward a student's major.

**
Course(s) discontinued; see your advisor for course options.

Code	Title	Units
NPB 100	Neurobiology	4
Choose a minimum of 14 units:		14
NPB 100L	Neurobiology Laboratory	
NPB 107	Cell Signaling in Health & Disease	
NPB/PSC 124	Comparative Neuroanatomy	
NPB 136	Neural Networks & Machine Learning in Biology	
NPB 162	Neural Mechanisms of Behavior	
NPB 163	Systems Neuroscience	
NPB 164	Mammalian Vision (Discontinued for winter 2026) **	
NPB 165	Neurobiology of Speech Perception	
NPB 168	Neurobiology of Addictive Drugs	
NPB 171	Physiology of Neuroimmune Interactions	
NPB 172	Map Formation in the Brain (Discontinued for winter 2026) **	
NPB 173	Neurobiology of Brain Disorders	
One of the following may be completed to reach the unit requirement:		
PSC 113	Developmental Psychobiology	
PSC 121	Physiological Psychology	
PSC 135	Cognitive Neuroscience: The Biological Foundations of the Mind	
PSC 137	Neurobiology of Learning & Memory	
PHI 103	Philosophy on Mind	
HDE 163	Cognitive Neuropsychology in Adulthood & Aging	
Total Units		**18**