

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.

| 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 | |
| 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 | |
| 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 |