

# NEUROBIOLOGY, B.S.

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Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

**Begin Campus:** Any Penn State Campus

**End Campus:** University Park

## Program Description

Neurobiology is an interdisciplinary field of study that focuses on the structure and function of the brain and nervous system, and how they control behavior, cognition, and all physiological processes in animals. Neurobiology includes study of the nervous system from the molecular, cellular, functional, evolutionary, computational, and medical perspectives. Hands-on experiences, from designing and conducting lab experiments to using different techniques and instruments to recording and analyzing data, play an important role in gaining neurobiology knowledge. Research in neurobiology is revealing the difference between healthy and diseased nervous systems. Faculty study many aspects of the nervous system, including its role in development, learning and memory, sleep, aging, addiction, autism, and stress.

## You Might Like This Program If...

- You are interested in the brain and the nervous system more generally.
- You are interested in neurological disorders.
- You enjoy a dynamic field of study, with new discoveries being made daily.
- You are interested in hands-on experiences, including courses with integrated laboratories and conducting research with faculty.
- You plan to pursue a career in Neurobiology research, education or outreach, or attend professional school in areas including medicine and dentistry.