

NEUROSCIENCE, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Description

The intercollege minor in neuroscience is designed for the student desiring an in-depth knowledge about the basic and functional aspects of the nervous system. Students in several disciplines ranging from nutrition to psychology to molecular biology could benefit from comprehensive study of the neurosciences in preparation for technical, professional, or research careers. The neurosciences as envisioned here are broadly based, and instruction available spans the levels of investigation from molecular to behavioral and cognitive. Majors complemented by this minor would include, but not be limited to, psychology, biology, biochemistry, nutrition, human development and family studies, genetics, biobehavioral health, kinesiology, animal and poultry science, and veterinary science.

What is Neuroscience?

Neuroscience is the scientific study of the structure and function of the nervous system. The minor at Penn State involves interdisciplinary training in neuroanatomy and circuitry, neuronal physiology, evolution and development of the nervous system, biochemistry, cellular and molecular processes, and functional neurobiology of disease and behavior.

You Might Like This Program If...

- You are curious about biological processes that support behavior and function.
- You want to understand neurobiological processes at multiple levels, from functional circuitry to molecular processes.
- You like to answer important questions by testing and understanding underlying biological processes.
- You want to pursue a career related to biology and/or health – clinician, research, technician.