

NEUROSCIENCE (B.S.)

The field of neuroscience is highly interdisciplinary and has been built from many different areas of study. A well-rounded education in neuroscience includes investigations into the molecular, cellular, and genetic aspects of nervous system functioning as well as their influences on behavior. The neuroscience curriculum at Keene State mirrors the interdisciplinarity of the field. The core of the neuroscience major draws courses from biology, chemistry, and psychology. Students may also take elective courses from Computer Science, Health Science, Math, Philosophy, and Physics.

The major places a strong emphasis on direct research experience within neuroscience, with each student conducting a research project as part of the major. In addition, the neuroscience major creates an environment where faculty and students work collaboratively and discuss current issues in neuroscience.

The curriculum spans a diverse course of study incorporating the interdisciplinary nature of a liberal arts education and a rigorous study of subjects, such as:

- The regions of the brain
- Circuits in the brain
- The function of neurons
- The effects and influences of the brain on behavior
- Research methodologies
- The molecular, cellular, and genetic characteristics of the nervous system.