

# Concentration in Neuroscience

## Overview

The Neuroscience Concentration defines the unique educational experience obtained by students pursuing a M.S. or Ph.D. in the Neuroscience Program. Students who fulfill the requirements will have “Neuroscience Concentration” noted on the transcript upon completion of the major degree. All faculty members for the Concentration in Neuroscience are members of the Neuroscience Program.

Neuroscience is a field of study devoted to understanding the brain and nervous system. Our Neuroscience training program is based on the belief that neuroscience broadly conceived provides a fundamental framework for understanding the biological basis of behavior and is critical for revealing the causes of neurological and psychiatric disorders. Accordingly, the major goal of our program is to provide a strong foundation in all disciplines of neuroscience. With this foundation in place, students train to be able to carry out meaningful and significant research in all areas of modern neuroscience. The program provides an appreciation of the importance of all levels of organization, from genetics and molecular approaches to behavioral and physiological aspects, with an understanding of how basic neuroscience research is key to finding treatments for neurobehavioral pathologies and translating this information to the clinic.

## Hours Requirement

### MS Students

- Introduction to Neuroscience I & II 10 hours
- Clinical Neuroscience (or approved elective) 3 hours
- Research in the laboratory of Neuroscience Program faculty 6 hours

### PhD Students

- Students must pass the preliminary exam and be admitted to candidacy
- Introduction to Neuroscience I & II 10 hours
- Clinical Neuroscience (or approved elective) 3 hours
- Thesis research completed in the laboratory of Neuroscience Program faculty

## GPA Standard

All students must achieve a B (3.0) or higher.

## Certification of Completion

### MS students

- The Neuroscience Program Director will certify completion of the requirements for the Concentration.

### PhD Students

- The Chair of the student’s dissertation committee will certify completion of the requirements for the Concentration – requires signature of Program Director for final approval.

Director of the Concentration:

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