Neuroscience
Co-Directors: Tamily Weissman-Unni and Yueping Zhang
The interdisciplinary neuroscience minor is designed to allow students an opportunity to explore the fast-growing field of neuroscience from multiple perspectives. Students develop an in-depth understanding of nervous system function in a structured and rigorous way while pursuing a major in another discipline. The minor draws from multiple departments, including Biology, Chemistry, Computer Science, Foreign Languages, Philosophy, Physics, and Psychology.

Minor Requirements
A minimum of 22 semester credits (six courses), distributed as follows:
- BIO 252 Introduction to Neuroscience or PSY 252 Introduction to Neuroscience
- One 300- or 400-level neuroscience course with laboratory, chosen from the following:
  BIO 422 Neurobiology
  PSY 350 Behavioral Neuroscience
  PSY 355 Cognitive Neuroscience
- One 300- or 400-level neuroscience course chosen from the following:
  BIO 422 Neurobiology
  BIO 490 Special Topics in Biology (when the focus is neuroscience)
  CHEM 421 Neurochemistry
  PSY 350 Behavioral Neuroscience
  PSY 355 Cognitive Neuroscience
  PSY 380 Drugs and Behavior
  PSY 410 Advanced Topics in Neuroscience
- Three elective courses chosen from the following list. At least one of the courses must be from biology or chemistry. Students majoring in biology, chemistry, or biochemistry and molecular biology must take at least one class outside of the biology and chemistry departments.
  BCMB 496 Biochemistry/Molecular Biology Senior Research (when topic has been approved by Neuroscience Program Committee)
  BIO 320 Human Genes and Disease
  BIO 352 Animal Behavior
  BIO 369 Developmental Biology
  BIO 422 Neurobiology
  BIO 490 Special Topics in Biology (when the focus is neuroscience)
  BIO 495 Biology Senior Thesis (when topic has been approved by Neuroscience Program Committee)
  CHEM 330 Structural Biochemistry
  CHEM 421 Neurochemistry
  CHEM 480 Senior Research (when topic has been approved by Neuroscience Program Committee)
  CS 369 Artificial Intelligence
  FL 240 Introduction to Linguistics
  PHIL 312 Philosophy of Language
  PHIL 313 Philosophy of Mind
  PHYS 380 Topics in Physics (when the focus is biomedical imaging)
  PSY 220 Thinking, Memory, and Problem Solving
  PSY 310 Cognition
  PSY 350 Behavioral Neuroscience
  PSY 355 Cognitive Neuroscience
  PSY 375 Health Psychology
  PSY 380 Drugs and Behavior
  PSY 400 Advanced Topics in Psychology (when topic has been approved by Neuroscience Program Committee)
  PSY 410 Advanced Topics in Neuroscience
  PSY 490 Senior Thesis (when topic has been approved by Neuroscience Program Committee)

At least 12 semester credits must be discrete to the minor and may not be used in any other set of major/minor requirements.

Faculty
Greg J. Hermann. Professor of biology, chair of the Department of Biology. Developmental genetics and


