

Neuroscience Minor

total: 23 hours

The interdisciplinary minor in Neuroscience provides students with the opportunity to develop an understanding of the fundamentals of this emerging field, which brings together the study of brain behavior and cognition. The curriculum is designed to reflect the interdisciplinary nature of the science through coursework from several different departments and to allow students to master the fundamentals of the field using both traditional classroom and applied learning venues. Students should contact one of the Neuroscience Minor coordinators for more information.

Dr. Mark Galizio	Psychology	galizio@uncw.edu	(910) 962-3813
Dr. Richard Satterlie	Biology and Marine Biology	satterlier@uncw.edu	(910) 962-2552

All students must complete five required core courses (14 hours). An additional 9 credit hours of electives selected from the list below are required to complete the minor. At least nine hours must come from courses outside the student's major (including major requirements outside the discipline - e.g., [CHM 101](#) and [CHM 102](#) for BIO or CHM majors and [BIO 201](#) for PSY majors).

Required Core Courses:

- [PSY 105 - General Psychology](#)
- [BIO 201 - Principles of Biology: Cells](#)
- [PSY 256 - Brain and Behavior](#)
- [BIO 443 - Neurobiology](#) or
- [PSY 456 - Advanced Biological Psychology](#)
- [BIO 495 - Seminar](#) or [PSY 495 - Topical Seminar](#) or specific neuroscience topical seminar approved by minor coordinator.

Electives:

At least nine credit hours from any of the following with at least 3 credits from 400 level courses:

- [BIO 240 - Human Anatomy and Physiology I](#)
- [BIO 335 - Genetics](#)
- [BIO 368 - Behavioral Ecology](#)
- [BIO 415 - Vertebrate Histology](#)
- [BIO 440 - Developmental Biology](#)
- [BIO 443 - Neurobiology](#) (if [PSY 456](#) is applied to the core requirement)
- [BIO 459 - Endocrinology](#)
- [BIO 484 - Methods in Biological Research](#)
- [CHM 101 - General Chemistry I](#), [CHM 102 - General Chemistry II](#)
- [CSC 415 - Artificial Intelligence](#)
- [PAR 320 - Philosophy of Mind](#)
- [PSY 245 - Drugs and Behavior](#)
- [PSY 356 - Motivation and Emotion](#)
- [PSY 456 - Advanced Biological Psychology](#) (if [BIO 443](#) is applied to the core requirement)
- [PSY 457 - Animal Behavior](#)
- [BIO 491 - Directed Individual Study](#) or [PSY 491 - Directed Individual Study](#) or
- [BIO 499 - Honors Work in Biology](#) or [PSY 499 - Honors Work in Psychology](#)
- *Note that only Directed Individual Study or Honors ([PSY 491](#) or [BIO 491](#) or [PSY 499](#) or [BIO 499](#)) experiences that involve research experience related to neuroscience can be applied to the minor.

