2012-13 NEUROSCIENCE MINOR

NEUROSCIENCE
Requires the following courses:

Select one of the following: 4sh
  - BIO 111 Intro Cell Biology (3 sh)
  - BIO 113 Cell Biology Lab (1 sh)
  -OR-  
  - BIO 264 Human Physiology and Lab (4sh)

**PSY 243 Behavioral Neuroscience 4sh
**NEU 495 Seminar in Neuroscience 4sh

**Electives 12 sh
Select twelve semester hours from the following and/or other courses as approved by the program coordinator. Electives must be 200 level or higher and must come from two different disciplines. Up to four independent research credits (499) can be counted toward the accumulation of twelve credit hours but must be approved by the program coordinator.

- BIO 245/246 Principles of Genetics and Lab
- BIO 318 Comparative Vertebrate Structure and Function
- BIO 331 The Biology of Animal Behavior
- BIO 422 Molecular and Cellular Biology
- CHM 211 Organic Chemistry I and Lab
- CHM 351 Biochemistry
- CHM 473 Medicinal Chemistry
- CSC 410 Artificial Intelligence
- ESS 263 Neuromotor Control
- ESS 440 Exercise and the Cell
- ESS 443 Exercise Psychophysiology
- PSY 242 Cognitive Psychology
- PSY 310 Memory and Memory Disorders
- PSY 345 Psychology of Learning
- PSY 350 Principles of Drug Action
- PSY 351 Neuroplasticity
- PSY 352 Criminal Biopsychology
- PSY 353-354 Special Topics in Behavioral Neuroscience
- PSY 355 Sensation and Perception
- PSY 361 Animal Behavior

TOTAL 24 sh

**Consult the current academic catalog to review prerequisites for elective courses.