

Neuroscience Minor Graduation Checklist FA2010 through Current Catalog

The interdisciplinary neuroscience minor involves the study of brain theory and research, psychological theory and research, philosophy of mind and consciousness, and mathematical modeling of brain and cognitive processes to understand the role that the brain plays in mental and behavioral phenomena.

The interdisciplinary neuroscience minor is composed of courses in biological sciences, communication disorders & sciences, mathematics and computer sciences, psychology, and philosophy. Courses may be double counted for the respective major and the minor. Existing prerequisites for courses must be satisfied.

Requirements:

The minor includes 3 required courses (9 hours), another course from the first group of electives (2-3 hours), and 9 hours from the last group of electives, for a total of 20-21 hours for the minor.

Required Courses (9 Hours)

- ____ PHI 3540 Philosophy of Mind: 3 CR
- ____ PSY3310 Biological Psychology: 3 CR
- ____ PSY3820 Cognitive Neuroscience: 3 CR

One course from the following group of electives (2-3 Hours)

- ____ BIO 4834 Neurobiology: 3 CR
- ____ CDS 3500 Neurological/Embryological Aspects of Communication: 3 CR
- ____ MAT 3800 Seminar in Mathematics: 2 CR
- ____ PSY3830 Cognitive Processes: 3 CR

Nine hours from the following group of electives; No more than 2 courses from one discipline

- ____ BIO 3120 Molecular and Cellular Biology: 4 CR
- ____ BIO 3200 Genetics: 4 CR
- ____ BIO 4832 Animal Behavior: 4 CR
- ____ BIO 4834 Neurobiology: 3 CR
- ____ BIO 5406 Endocrinology: 4 CR
- ____ CDS 2500 Anatomy and Physiology of the Speech, Language, Swallowing, and Hearing Mechanism: 3 CR
- ____ CDS 3500 Neurological/Embryological Aspects of Communication: 3 CR
- ____ CDS 5400 Special Topics (Executive Functions): 2 CR
- ____ MAT 3800 Seminar in Mathematics (Neural Networks or Artificial Intelligence): 2 CR
- ____ MAT 4885 Theory of Computation: 3 CR
- ____ PHI 3700G Language and Human Nature: 3 CR
- ____ PHI 3780 Philosophy of Science: 3 CR
- ____ PHI 3900 Symbolic Logic: 3 CR
- ____ PSY3680 Sensation and Perception: 3 CR
- ____ PSY3830 Cognitive Processes: 3 CR