NEUROSCIENCE, LIBERAL ARTS, MINOR

Liberal Arts (Code 081-401)

For advising, contact the Biology Department.

Neuroscience is devoted to the understanding of the brain and the nervous system. The brain is the control system for the body and therefore has a central role in determining human health and disease. Neuroscience is interdisciplinary, intersecting with many other fields of study and thought including psychology, biology, philosophy, and medicine. Students who major in these areas should find the Neuroscience Minor a desirable complement to their major studies. Additionally, the Neuroscience Minor curriculum provides valuable preparation for students who intend to enter postgraduate programs related to neuroscience and medicine.

Twenty semester credits required, including:

Foundation Courses:
- IDIS 125 Brain: Introduction to Neuroscience 4
- BIOL 221 Foundations of Biology 1,2 4
- BIOL 319 Animal Form and Function 4

A minimum of three core courses chosen from:
- BIOL 350 Systems Neuroscience
- BIOL 351 Systems Neuroscience Lab
- PSYC 374 Cognitive Neuroscience
- PSYC 375 Behavioral and Clinical Neuroscience

Electives:
- CSD 440 Neurological Aspects of Communication
- BIOL 365 Animal Behavior
- BIOL 380 Endocrinology
- PHIL 343 Philosophy of Mind
- PSYC 376 Psychology of Perception
- PSYC 377 Psychopharmacology
- PSYC 379 Cognitive Psychology

Note 1: Up to three credits of approved neuroscience-related research from the following courses may be applied to the minor with consent of the advisor:
- BIOL 399 Independent Study - Juniors
- BIOL 497 Senior Research Presentation
- BIOL 499 Independent Study - Seniors
- PSYC 399 Independent Study - Juniors
- PSYC 499 Independent Study - Seniors

Note 2: A maximum of 12 credits from the minor may count toward the Biology or Psychology majors.

1 Biology majors may not count BIOL 221 toward this minor.
2 BIOL 221 has a pre/co-requisite of CHEM 103.