



The minor in neuroscience is an interdisciplinary program administered by the Psychology Department. Neuroscience as a discipline attempts to explain human and animal behavior in terms of the interactions among the body, mind and environment. Neuroscientists seek new insights by integrating subject areas that have traditionally been studied separately, including psychology, philosophy, medicine, evolution, physiology and development. The program, in combination with a major in a related field, can prepare students for graduate study in psychology, biology or neuroscience. It can also complement a major in such related disciplines as speech/language/hearing sciences or anthropology.

The minor consists of a minimum of 18 semester hours chosen from the list of courses below. Three of these semester hours must be PSY 170, PSY 177, or BIO 142. **All students, regardless of major, must take two biology courses, two psychology courses, and one course from a department other than biology and psychology. Any remaining semester hours needed to reach the minimum of 18 may be fulfilled through any course on the approved list. Up to two courses may be counted towards both the minor and the requirements for one other course of study (either major or minor).** Courses must be selected in consultation with and approved by a designated adviser for the minor. Students should be aware that many of the courses have prerequisites.

Take at least one of the following

- PSY 170: Clinical Neuropsychology (3 s.h.)
- PSY 177: Behavioral Neuroscience (3 s.h.)
- BIO 142: Neurobiology (3 s.h.)

Take at least TWO approved biology courses

- BIO 011: (NS) Introductory Cell Biology and Genetics (4 s.h.)
- BIO 012: (NS) Animal Form and Function (4 s.h.)
- BIO 117: Behavior (3 s.h.)
- BIO 135: Genetics (3 s.h.)
- BIO 142 (listed above)*

Take at least TWO approved psychology courses

- PSY 061: (BH) Comparative Psychology (3 s.h.)
- PSY 070: Evolutionary Psychology (3 s.h.)
- PSY 089: Health Psychology and Behavioral Medicine (3 s.h.)
- PSY 100: Honors in Psychology (3-4 s.h.)
- PSY 110: Learning and Behavior (3 s.h.)
- PSY 153: Child Development (3 s.h.)
- PSY 164: Cognition (3 s.h.)
- PSY 166: Sensation and Perception (3 s.h.)
- PSY 194: Research Seminar: Neuroscience (4 s.h.)
- PSY 170: Clinical Neuropsychology (listed above)*
- PSY 177: Behavioral Neuroscience (listed above)*

Take at least ONE approved non-biology, non-psychology course (choices listed on reverse)

Add up your approved courses checked off on this sheet and confirm 18 or more s.h.!

Take at least ONE non-biology, non-psychology course

- _____ ANTH 001: (BH) Human Evolution in Anthropological Perspective (3 s.h.)
- _____ ANTH 117: Medical Anthropology (3 s.h.)
- _____ ANTH 145: Women and Men in Anthropological Perspective (3 s.h.)
- _____ CSC 132: Computational Modeling (3 s.h.)
- _____ CSC 158: Introduction to Artificial Intelligence (3 s.h.)
- _____ PHI 164: Philosophy of Mind (3 s.h.)
- _____ SPCH 008: Introduction to Hearing Science (3 s.h.)
- _____ SPCH 101A: Experimental Psycholinguistics (3 s.h.)
- _____ SPCH 102A: Normal Language Development (3 s.h.)
- _____ SPCH 103: Introduction to Speech Science (3 s.h.)

On occasion, students have successfully petitioned for certain HUHC seminars to count towards the minor. If you would like to pursue this avenue, please contact the current minor advisor.

To declare the minor or check in about requirements, please contact:

**Dr. Elisabeth Ploran
Hauser 118
516-463-5483
psyjep@hofstra.edu**