NEUROSCIENCE (NSCI)

Courses

NSCI 095. Special Topics. 1-18 Credits.  
See Schedule of Courses for specific titles.

NSCI 096. Special Topics. 1-18 Credits.  
See Schedule of Courses for specific titles.

NSCI 097. Readings & Research. 1-6 Credits.

NSCI 098. Readings & Research. 1-6 Credits.

NSCI 111. Exploring Neuroscience. 3 Credits.  
In-depth survey of neuroscience topics, including neuron function,  
the anatomical and functional organization of the nervous system,  
and diseases of the nervous system. Prerequisites: PSYS 001;  
CHEM 023 or CHEM 031; and one of the following pairs of courses:  
BIOL 001 and BIOL 002, BCOR 011 and BCOR 012, or ANPS 019  
and ANPS 020.

NSCI 112. Exploring Neurosci Laboratory. 1 Credit.  
Laboratory course in neuroscience designed to provide hands-on experience with methods of inquiry in neuroscience. Goals of this course include the development of problem-solving skills,  
data analysis, the scientific method, and science communication.  
Neuroscience majors only. Prerequisites: PSYS 001; CHEM 023 or  
CHEM 031; and one of the following pairs of courses: BIOL 001 and  
BIOL 002, BCOR 011 and BCOR 012, or ANPS 019 and ANPS 020.

NSCI 195. Intermediate Special Topics. 1-18 Credits.  
See Schedule of Courses for specific titles.

NSCI 196. Intermediate Special Topics. 1-18 Credits.  
See Schedule of Courses for specific titles.

NSCI 197. Intrmd Readings & Research. 1-6 Credits.

NSCI 198. Intrmd Readings & Research. 1-6 Credits.

NSCI 225. Human Neuroanatomy. 0-3 Credits.  
Functional anatomy of the human nervous system and its cells.  
Focus on both peripheral and central nervous system. Lectures and  
laboratory (gross and microscopic anatomy). Prerequisite: Instructor permission.

NSCI 255. Neuroregeneration. 3 Credits.  
An analysis of the cellular and molecular processes involved in injury,  
responses to damage, and differences in the capacity of specific neural tissues to regenerate. Prerequisite: NSCI 111.

NSCI 261. Neurobiology. 3 Credits.  
Focus on molecular and cellular aspects of the nervous system.  
Electrical signaling, synaptic transmission, signal transduction, neural  
development, plasticity, and diseases. Prerequisites: BIOL 103 or  

NSCI 270. Diseases of the Nervous System. 3 Credits.  
Senior level, seminar-style capstone course in which students bring together information learned in other courses for an in-depth study of disease states of the nervous system. Pre/co-requisites: NSCI 110 and Senior standing.