## NEUROSCIENCE (NEUR)

### NEUR 2980 - Independent Study
Credit(s): 1 or 3 Credits (Repeatable for credit)

### NEUR 3400 - Introduction to Neuroscience 1: Cellular, Molecular and Systemic
Credit(s): 3 Credits
This course teaches the fundamental anatomy and physiology of the nervous system. Clinical cases and neuroscience technologies will be discussed. The course covers cellular, molecular and organ-systemic aspects of the nervous system and relevant neuronal disorders. The prerequisite is BIOL 3020.
**Prerequisite(s):** BIOL 3020

### NEUR 3500 - Introduction to Neuroscience 2: Cognitive and Behavioral
Credit(s): 3 Credits
This course introduces fundamentals of the neural bases of cognition and behavior. Areas of study include: neuron structure and function, methods of Cognitive Neuroscience, sensation and perception, movement, attention, learning and memory, and social and emotional behavior. Prerequisites are PSY 1010 and NEUR 3400.
**Prerequisite(s):** PSY 1010; NEUR 3400

### NEUR 3550 - Neuroscience Laboratory
Credit(s): 1 Credit
This course introduces to students basic neuroanatomy, as well as cellular and molecular neuroscience through hands-on laboratory exercises using a variety of techniques such as electrophysiology, computational neuroscience, immunohistochemistry, pharmacology, and cell culture. Students will design and conduct their own group projects.
**Prerequisite(s):** NEUR 3400/BIOL 3400

### NEUR 4910 - Internship
Credit(s): 1-6 Credits (Repeatable for credit)

### NEUR 4930 - Special Topics
Credit(s): 1-3 Credits (Repeatable for credit)
**Prerequisite(s):** PSY 1010