

# BEHAVIORAL NEUROSCIENCE (NEU)

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**NEU-2500 Introduction to Neuroscience (4 semester hours)**

This class provides an overview of the anatomical, neurological, and genetic processes underlying human functions such as sensation and perception, states of consciousness, emotions, cognition, and behavioral health. The course also explores contemporary methods and technologies commonly used in neuroscience research

**Prerequisite(s):** PSY-1100; A general biology course (BIO-1210, BIO-1220, BIO-2650, BIO-2660, or BIO-2670).

**NEU-3600 Behavioral Neuroscience (4 semester hours)**

This laboratory course provides practical training in the foundations of neuropsychological research as it applies to human subjects. Students will engage in theoretical work and practical experiments addressing neuroanatomy, neurophysiology, and their connections to behavior and cognitive processes. The course also explores contemporary methods and technologies commonly used in neuroscience research

**Prerequisite(s):** NEU-2500; PSY-3500; PSY-3520.

**NEU-4700 Behavioral Neuroscience Capstone (4 semester hours)**

This is the culminating course in the Behavioral Neuroscience major, and it is designed to be taken in the senior year. The class will explore current research and contemporary theory within the dynamic field of neuroscience. Students will also select a topic for in-depth study and analysis. Although the specific content of the readings varies from term to term, there is a consistent focus on critical thinking, oral and written communication skills, and information literacy as applied to the study of behavioral neuroscience.

**Prerequisite(s):** NEU-2500; NEU-3600.