

NEUROSCIENCE AND BEHAVIOR (NSB)

Visit the [Course Schedule Search website](#) to find out when courses will be offered during the academic year.

Read more about the courses within this subject prefix in the descriptions provided below.

NSB 810 - Brain & Behavior: A Systems Approach

Credits: 3

The goal of this course is to explore foundational concepts in neuroscience with an emphasis on a systems-based perspective. Topics will span molecules to behavior including the cellular basis on neural communication, sensory processing, motor control, homeostasis, emotion, cognitive behavior, and disease of the nervous system. Over the course of the semester, students will read primary literature in the field of neuroscience and develop skills to understand and apply a systems neuroscience perspective.

Grade Mode: Letter Grading

NSB 877 - Neuroethology

Credits: 3

Students taking this course will discover how some of the most remarkable behavioral adaptations in animals can be understood by examining specialized sensory systems and neural circuits. By exploring the complex interactions between animal behavior, neural systems, evolutionary relationships, anatomy, physiology and ecology, students will be better equipped to understand the neural basis of behavior. A culminating writing project will help sharpen students' scientific writing skills, and the ability to understand the primary neuroethology literature.

Grade Mode: Letter Grading

NSB 899 - Neuroscience and Behavior Master's Thesis

Credits: 1-10

Master's thesis research.

Grade Mode: Graduate Credit/Fail grading

NSB 997 - Neuroscience and Behavior Graduate Seminar

Credits: 1

Advanced seminar, supervised by a faculty member. Graduate student and faculty presentations or current topics in the field of neuroscience and behavior. Graduate students are expected to present one seminar per year and attend all seminars each semester.

Repeat Rule: May be repeated for a maximum of 8 credits. May be repeated up to 24 times.

Grade Mode: Graduate Credit/Fail grading

NSB 999 - Neuroscience and Behavior Doctoral Dissertation Research

Credits: 0

Doctoral dissertation research.

Grade Mode: Graduate Credit/Fail grading