

# Integrative Neuroscience (NEUROSCI)

---

---

## **NEUROSCI 7990: Non-Thesis Research in Neuroscience**

The course is intended primarily for post-baccalaureate students who have not entered a formal graduate program but who are performing neuroscience research. Graded on A-F basis only.

**Credit Hour:** 1-3

**Prerequisites:** instructor's consent required

---

## **NEUROSCI 8020: Advances in Neuroscience and Neuropathology**

In depth review of recent advances in basic neuroscience research as well as pathological conditions affecting nervous systems at the cellular and systems level, and the methods and techniques used to study the nervous system. Graded on A-F basis only.

**Credit Hour:** 1-3

---

## **NEUROSCI 8187: Neuroscience Journal Club**

In depth readings and presentations/discussions of neuroscience journal articles including recent advances in basic neuroscience research, pathological conditions affecting nervous systems, and neuroscience techniques. Graded on S/U basis only. May be repeated for credit.

**Credit Hour:** 1

---

## **NEUROSCI 8440: Integrative Neuroscience 1**

(same as BIO\_SC 8440). Organization, development and function of the nervous system focusing on cellular and molecular processes. Graded on A-F basis only.

**Credit Hours:** 3

---

## **NEUROSCI 8442: Integrative Neuroscience II**

(same as BIO\_SC 8442). Organization and function of the nervous system at the systems level to examine processes of behavior and cognition. Graded on A-F basis only.

**Credit Hours:** 3

---

## **NEUROSCI 9090: Thesis Research in Neuroscience**

The course is intended primarily for graduate students who are working with mentors in departments that do not offer courses (e.g. Radiology). Graded on A-F basis only.

**Credit Hour:** 1-6

**Prerequisites:** Instructor's consent required

---