

# NEUROSCIENCE (NEUR)

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**NEUR 2001. Neuro-Principles. 4 Credit Hours.**

Students will learn fundamental principles and methods in neuroscience from problem-based study of the neural substrates of animal behavior.

**NEUR 2698. Research Assistantship. 1-12 Credit Hours.**

Independent research conducted under the guidance of a faculty member.

**NEUR 2699. Undergraduate Research. 1-12 Credit Hours.**

Independent research conducted under the guidance of a faculty member.

**NEUR 3001. Neuro-Cell & Molecular. 3 Credit Hours.**

An overview of principles and techniques in cell and molecular neuroscience: neuron excitability, synaptic transmission, learning and memory to basic mechanisms of neurological diseases.

**NEUR 3010. Methods in Neuroscience. 3 Credit Hours.**

The course is focused on understanding how information about brain and nervous system function can be determined from a wide range of experimental and data analysis techniques.

**NEUR 4001. Neuro Research Project. 4 Credit Hours.**

Focused on multidisciplinary perspectives in neuroscience, this course requires that students utilize and apply the skills and knowledge developed over the course of their major.

**NEUR 4698. Research Assistantship. 1-12 Credit Hours.**

Independent research conducted under the guidance of a faculty member.

**NEUR 4699. Undergraduate Research. 1-12 Credit Hours.**

Independent research conducted under the guidance of a faculty member.

**NEUR 4801. Special Topics. 1 Credit Hour.**

Topics of current interest not included in the regular course offerings.

**NEUR 4802. Special Topics. 2 Credit Hours.**

Topics of current interest not included in the regular course offerings.

**NEUR 4803. Special Topics. 3 Credit Hours.**

Topics of current interest not included in the regular course offerings.

**NEUR 4804. Special Topics. 4 Credit Hours.**

Topics of current interest not included in the regular course offerings.

**NEUR 4805. Special Topics. 5 Credit Hours.**

Topics of current interest not included in the regular course offerings.

**NEUR 4806. Special Topics. 6 Credit Hours.**

Topics of current interest not included in the regular course offerings.

**NEUR 4814. Special Topics. 4 Credit Hours.**

Topics of current interest not included in the regular course offerings.