

NEUROPSYCHOLOGY (NPSY)

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.

NPSY 600 - Behavioral Neuroscience

Credits: 4

This course is an introduction to behavioral neuroscience, with a focus on clinical applications. The course begins with an in-depth overview of the structure and function of neurons and then moves into topics such as sensory processing, psychopathology, and cognition. Students will learn about neural networks that give rise to these behaviors, and how the brain interacts with other organs. Additionally, students will learn through case studies.

Prerequisite(s): PSYC 401 with a minimum grade of D-.

Grade Mode: Letter Grading

NPSY 700 - Neuroimaging: Theory and Application

Credits: 4

Neuroimaging techniques are commonly used in both clinical and research settings. This course introduces students to the fundamental principles governing neuroimaging. Topics covered include neuroanatomy and neurobiology reviewed in the context of different neuroimaging methods such as computed tomography, magnetic resonance imaging, electroencephalogram, and position emission tomography. We will review the various methods for processing structural, functional, and multimodal imaging datasets. Students will also gain hands on experience processing neuroimaging data during computer lab simulations. Anatomy coursework is recommended but not required.

Prerequisite(s): PSYC 401 with a minimum grade of D- and PSYC 402 with a minimum grade of D- and (PSYC 531 with a minimum grade of D- or NPSY 600 with a minimum grade of D-).

Grade Mode: Letter Grading

NPSY 795 - Independent Study

Credits: 1-4

Arranged by the student with a neuropsychology, psychology or biology faculty sponsor. Learner/sponsor contract required. Minimum time commitment: three hours per credit per week.

Prerequisite(s): PSYC 402 with a minimum grade of D- and PSYC 502 with a minimum grade of D- and NPSY 600 with a minimum grade of D-.

Repeat Rule: May be repeated for a maximum of 8 credits. May be repeated up to 1 time.

Grade Mode: Letter Grading

NPSY 798 - Capstone

Credits: 0

This is a zero credit course to indicate on the transcript that the capstone requirement is fulfilled.

Grade Mode: Credit/Fail Grading