

NEUROPSYCHOLOGY MAJOR (B.S.)

<https://manchester.unh.edu/academics/degree-programs/neuropsychology>

Description

Neuropsychology is the study of the human brain and its relation to behavior. The UNH Manchester program focuses on the biological basis of human functioning in both normal and pathological states (e.g., dementia, depression) and therefore, prepares students for careers working with individuals with various mental health and neurological conditions. This interdisciplinary program offers a concentration of core and advanced courses in psychology and biology while providing sufficient flexibility for students to customize their education in order to meet specific requirements for their chosen career path, including the health professions.

The neuropsychology program prepares students for a variety of careers within the field of neuroscience, including bachelor-level positions and graduate training in research and health professions. At the bachelor-level, students are prepared for positions in healthcare (e.g., clinical laboratory technologist, psychometrician) and biomedical research (research assistant). The program is also designed to provide the flexibility needed to prepare students for graduate training in the health professions, such as being a physician, physician assistant, psychologist, neuropsychologist, or occupational therapist. Students interested in medical school are able to complete premedical requirements within four years.

Requirements

Students majoring in neuropsychology must complete a minimum of 128 credits and satisfy the University's Discovery Program, and complete 56 credits in the major with a minimum of C- in each course and a 2.0 overall grade-point average in all major requirements. Three courses in the major can be used to fulfill both a major requirement and a Discovery requirement, providing students with more flexibility to customize their education.

Transfer students who elect to major in neuropsychology must complete at least 32 credits in the program at UNH to qualify for the degree in neuropsychology. The department's academic advisors will determine the distribution of these credits. Transfer students should note that courses are allotted only the number of credits granted by the original institution (after adjustments for semester-hour equivalents). Thus, students transferring from an institution at which courses carry less than four credits each must make up for any credit deficit created by acceptance of transfer credits into the neuropsychology major.

Specific course selections should be discussed with the advisor. Exceptions to the requirements for the major require a petition to the department.

Program Requirements

Code	Title	Credits
Core Courses in Psychology and Biology		
BIOL 413 & BIOL 414	Principles of Biology I and Principles of Biology II (both with lab)	8
CHEM 403	General Chemistry I (with lab)	4
GEN 604	Principles of Genetics	4
PSYC 401	Introduction to Psychology ¹	4
PSYC 402	Statistics in Psychology	4
PSYC 502	Research Methods in Psychology	4
PSYC 531	Psychobiology	4
PSYC 705	Tests and Measurement	4
Advanced Courses in Psychology and Biology		
Select three of the following:		12
BSCI 680	Pharmacology ²	
BSCI 735	Cell Biology	
PSYC 710	Visual Perception	
PSYC 713	Psychology of Consciousness	
PSYC 731	Brain and Behavior (with lab)	
PSYC 733	Drugs and Behavior ²	
PSYC 735	Neurobiology of Mood Disorders	
PSYC 736	Attention Disorders	
PSYC 741	Advanced Topics	
Advanced Elective in Psychology		
Select one of the following:		4
PSYC 712	Psychology of Language	
PSYC 758	Health Psychology	
PSYC 762	Counseling	
PSYC 791	Advanced Topics	
Capstone Requirement		
Select one of the following:		
PSYC 793	Internship (at approved site)	
PSYC 795	Independent Study (1-4 credits) ³	
Total Credits		52

¹ If used to fulfill SS Discovery requirement, students must take PSYC 511 Sensation and Perception, PSYC 513 Cognitive Psychology, or PSYC 561 Abnormal Behavior.

² Students can either take BSCI 680 Pharmacology or PSYC 733 Drugs and Behavior for major credit, but not both.

³ If a student chooses to complete PSYC 795 for less than 4 credits, they will need to take additional credits that count toward the major.

For more information about the neuropsychology program, contact John Sparrow, Ph.D., program coordinator, at John.Sparrow@unh.edu (john.sparrow@unh.edu), Daniel Seichepine, Ph.D., at Daniel.Seichepine@unh.edu, (Daniel.Seichepine@unh.edu) or the UNH Manchester Office of Admissions (unhm.admissions@unh.edu) at (603) 641-4150.