

NEUROSCIENCE MINOR

The Neuroscience minor focuses on the interdisciplinary scientific study of the brain and the nervous system by exploring the neural bases of behavior from multiple perspectives, including biology, psychology and philosophy. Instruction and research will include the areas of molecular and cellular biology, anatomy and physiology of the central nervous system, systems of information processing, behavioral neuroscience, biology of neuropsychiatric disorders, and applications to the clinical sciences. The primary focus of the neuroscience program will be to combine basic research with applied clinical neuroscience; this focus will provide students with industry relevant job skills upon graduating.

For details about this program, including program description, admission requirements, and contact information, click here (<https://www.montclair.edu/academics/programs/neuroscience-minor/>).

Program Requirements

Code	Title	Credits
Majors can only apply 9 credits from their major to the minor. 10 credits must come from non-major department(s).		
Required Courses		
PSYC 101	Introduction to Psychology	3
PSYC 203	Introduction to Psychological Research	3
BIOL 320	Social Neurobiology	3
Electives		
Complete 10 credits of electives from the list below.		10
Total Credits		19

Electives

Code	Title	Credits
BIOL 319	Genes, Brains, and Behavior	4
BIOL 330	Introduction to Animal Behavior	3
BIOL 418	Biology Independent Research ¹	1-4
BIOL 447	Fundamentals of Pharmacology	3
BIOL 468	Neurobiology	3
CSIT 357	Artificial Intelligence	3
CSND 410	Neurophysiological Bases of Communication	3
PHIL 270	Philosophy of Mind	3
PSYC 288	Introduction to Cognitive Science	3
or CSIT 288	Introduction to Cognitive Science	
or LNGN 288	Introduction to Cognitive Science	
or PHIL 288	Introduction to Cognitive Science	
PSYC 305	Physiological Psychology	3
PSYC 308	Perception	3
PSYC 311	Drugs and Behavior	3
PSYC 340	Human Learning and Memory	3
PSYC 491	Independent Study I: Research ¹	1-3
PSYC 492	Independent Study II: Research ¹	1-3

¹ A maximum of 4 credits of independent study can be applied to the Neuroscience minor.