The Ohio State University
College of Arts and Sciences

Interdisciplinary Neuroscience Minor (NEURSC-MN)

Neuroscience Undergraduate Program
28 Lazenby Hall, 1827 Neil Avenue
Columbus, OH 43210 Tel: (614) 292-8512
NeuroscienceMajor.osu.edu  |  NeuroAdvising@osu.edu

In order to declare a minor in Neuroscience, you must meet with an advisor in the Neuroscience Undergraduate Program. Call 292-8512 to schedule an appointment.

Neuroscience is a scientific discipline that investigates the organization, development, and function of the nervous system, and its relationship to behavior, cognition, and neurological/neuropsychiatric disorders.

The minor consists of 5 classes (Minimum of 15 semester credit hours) designed to give students a strong foundational and broad exposure to the field of neuroscience. Students must complete two Core Requirement courses and the remaining three courses are taken from the courses listed in the Elective Requirement section. This course work should be chosen in consultation with a neuroscience academic advisor.

Core Requirement (Take Both Courses)
The two foundational courses listed below are required of all neuroscience minors (No Substitutions Permitted).

Psych 3313 Intro to Behavioral Neuroscience
Neurosc 3000 Intro to Molecular/Cellular Neuroscience

Elective Requirement (Take 3 Courses)\(^1,2\)

\(^1\)Students may count only (1) course with a (*) next to it toward the minor.

While these courses are not neuroscience courses per se, they can nonetheless provide curriculum enhancement to the minor.

\(^2\)Credit cannot be received for both Neurosc 5644 and Psych 4644

Neurosc 3050 Structure & Function: Nervous System
Neurosc 3010 Neurophysiology
Neurosc 5644 Behavioral Endocrinology\(^2\)
Psych 4305 Intro to Psychopharmacology
Psych 3310 Sensation and Perception
Psych 3513 Intro to Cognitive Neuroscience
Psych 4501 Advanced Behavioral Neuroscience
Psych 5600 Psychobiology of Learning
Psych 5606 High-Level Vision
Psych 5613H Biological Psychiatry
Psych 4623 Biological Clocks & Behavior
Psych 4644 Hormones & Behavior\(^3\)
Psych 5898 Seminar in Behavioral Neuroscience
Psych 5614 Cognitive Neuroscience
EEOB 4550 Neurobiology of Behavior
CSE 5526 Introduction to Neural Networks
*Biochem 4511 Intro to Biological Chemistry
*MolGen 4500 General Genetics
*Philos 3341H Ethical Concepts in Health Care, Research, Policy, and Practice

*Research

Only (1) neuroscience related Individual Studies (3193) or Research (4998) experience may count as a class toward the elective requirement. The student must have 3 semester credit hours of the experience to equal one (*) class toward the minor. Pre-approval by a neuroscience advisor is required.

In some cases, prerequisites for courses may be waived for minors, so students are advised to consult regularly with their neuroscience advisor.

Neuroscience minor program guidelines
The following guidelines govern minors.

Approval required:
The minor program must be approved by an advisor in the Neuroscience Undergraduate Program and filed with the College or School Office.

Required for graduation
No

Classes/Credit hours required
5 classes/15 minimum hours

Transfer courses allowed
A maximum of 1 class/3 semester hours

Overlap with the GE
Permitted, unless specifically disallowed by an individual minor program.

Overlap with the major
• Not Permitted
• The minor must be in a different subject than the major.
• Courses cannot count on a minor and on a major.

Grades required:
• Minimum C- for a course to be listed on the minor.
• Minimum 2.00 overall GPA is required for the minor.
• Pass/Non-Pass courses cannot count on the minor.

Filing the minor program form:
The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor:
Once the minor program is filed in the College Office, any changes must be approved by a Neuroscience undergraduate advisor.

College of Arts and Sciences
Curriculum and Assessment Services
154 Denney Hall, 164 W. 17th Ave.
http://artsandsciences.osu.edu

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