

The Ohio State University  
College of Arts and Sciences

Interdisciplinary Neuroscience Minor (NEURO-MN)

Neuroscience Undergraduate Program  
10 Townshend Hall, 1885 Neil Avenue Mall  
Columbus, OH 43210 Tel: (614) 292-8512  
[neurosciencemajor.osu.edu](http://neurosciencemajor.osu.edu) | [neuroadvising@osu.edu](mailto: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)<sup>1,2</sup>**

<sup>1</sup>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.

<sup>2</sup>Credit cannot be received for both Neurosc 5644 and Psych 4644

CSE	5526	Introduction to Neural Networks
EEOB	4550	Neurobiology of Behavior
Neurosc	3010	Neurophysiology
Neurosc	3050	Structure & Function: Nervous System
Neurosc	5644	Behavioral Endocrinology <sup>2</sup>
Psych	3513	Intro to Cognitive Neuroscience
Psych	4305	Intro to Psychopharmacology
Psych	4501	Advanced Behavioral Neuroscience
Psych	4623	Biological Clocks & Behavior
Psych	4644	Hormones & Behavior <sup>2</sup>
Psych	5600	Psychobiology of Learning
Psych	5606	High-Level Vision
Psych	5613H	Biological Psychiatry
Psych	5614	Cognitive Neuroscience
Psych	5898	Seminar in Behavioral Neuroscience
*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 this minor.

Required for graduation

No

Classes/Credit hours required

5 classes/15 minimum hours

Transfer and EM credit hours allowed

A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE

A student is permitted to overlap up to 6 credit hours between the GE and the minor.

Overlap with the major and additional minor(s)

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

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.
- No more than 3 credit hours of coursework graded Satisfactory/Unsatisfactory may count toward the minor.

X193 credits No more than 3 credit hours.

Approval required:

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

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 Annie and John Glenn Ave.  
<http://artsandsciences.osu.edu>

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