



Twin Cities Campus

Integrative Neuroscience Minor

Neuroscience

College of Biological Sciences

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Spring 2019
- Required credits in this minor: 12 to 14

The neuroscience minor provides an in-depth contemporary understanding of how the nervous system functions in both health and disease. The goal of the minor is to provide instruction that will enrich the curriculum through an array of academic majors. As we will all experience the impact of nervous system disease ourselves or through family members and/or friends, instruction in this minor will offer insights into the nervous system that students can utilize throughout their lifetimes.

Note: Students pursuing an individualized degree program (IDP) may be ineligible to pursue the neuroscience minor if IDP and minor coursework overlap more than 3 credits. These requests will be reviewed on an individual basis.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

A GPA above 2.0 is preferred for the following:

- 2.50 already admitted to the degree-granting college
- 2.50 transferring from another University of Minnesota college
- 2.50 transferring from outside the University

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

Required prerequisites

Neuroscience Minor Prerequisite

[NSCI 1001](#) - Fundamental Neuroscience: Understanding Ourselves [TS] (3.0 cr)

Minor Requirements

Integrative Neuroscience Minor Requirements

Take 2 or more course(s) from the following:

- [NSCI 1002](#) - Social Neuroscience: Understanding Others (3.0 cr)
- [NSCI 3001W](#) - Neuroscience and Society [CIV, WI] (4.0 cr)
- [NSCI 3505W](#) - Mind and Brain [WI] (4.0 cr)
- [NSCI 2001](#) - Human Neuroanatomy (without a lab) (3.0 cr)
or [NSCI 2101](#) - Human Neuroanatomy [BIOL] (4.0 cr)

Additional Elective

Courses listed as neuroscience minor requirement options ([NSCI 1002](#), [2001](#), [2100](#), [3001W](#), and [3100](#)) that are also elective options may count for one requirement or the other, but not both.

Take 1 or more course(s) from the following:

- [BMEN 5411](#) - Neural Engineering (3.0 cr)
- [CPSY 4329](#) - Biological Foundations of Development (3.0 cr)
- [KIN 4133](#) - Perceptual-Motor Control and Learning (3.0 cr)
- [NSCI 1002](#) - Social Neuroscience: Understanding Others (3.0 cr)
- [NSCI 3001W](#) - Neuroscience and Society [CIV, WI] (4.0 cr)
- [NSCI 3505W](#) - Mind and Brain [WI] (4.0 cr)
- [NSCI 4150](#) - Advanced Topics in Neuroscience (3.0 cr)
- [PHCL 4343](#) - Pharmacology of the Synapse (3.0 cr)
- [PHSL 5444](#) - Muscle (3.0 cr)
- [PSY 3061](#) - Introduction to Biological Psychology (3.0 cr)
- [PSY 5064](#) - Brain and Emotion (3.0 cr)
- [SLHS 3302](#) - Anatomy and Physiology of the Speech and Hearing Mechanisms (3.0 cr)
- [SLHS 4301](#) - Introduction to the Neuroscience of Human Communication (3.0 cr)
- [NSCI 2101](#) - Human Neuroanatomy [BIOL] (4.0 cr)
or [NSCI 2001](#) - Human Neuroanatomy (without a lab) (3.0 cr)



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