

Minor in Neuroscience

Minor in Neuroscience (21-22 credit hours)

Are you fascinated by the brain and how it shapes behavior, cognition, and health? Neuroscience explores the complex interactions between the nervous system, biology, and psychology. A minor in neuroscience will equip you with in-depth understanding of brain function, behavior, and neurobiological processes through coursework in both biology and psychology.

Why minor in Neuroscience at Northeastern Illinois University?

- Neuroscience is an interdisciplinary field with clinical applications and growing opportunities in healthcare, research, and technology.
- You will build a strong foundation in the biological and psychological principles that shape behavior, cognition, and brain function.
- By selecting electives that match your interests, you can tailor the minor to align with your career goals.

The Neuroscience Minor has a set of four required courses and two electives. Required courses are General Psychology (PSYC 200), Statistics And Research Methods I (PSYC 202), General Biology I (BIO 201), and Cell Biology (BIO 301). Elective courses include one additional course in psychology and one additional course in biology. For the biology elective, select Neurobiology (BIO 365), Sensory Mechanisms (BIO 380H), or choose another appropriate biology elective in consultation with an advisor. For the psychology elective, select Physiological Psychology (PSYC 350), Neuropsychology (PSYC 371), Human Perception (PSYC 373), or choose another appropriate psychology elective in consultation with an advisor.

Admission Requirements

N/A

University Core Curriculum Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)*	6
2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	
Humanities (HU)*	9
3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	
Behavioral/Social Sciences (SB)*	9
3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	
Natural Sciences (NS and NSL)**	9
3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	

Engaged Learning Experiences

Students must complete, at Northeastern, three courses designated as Engaged Learning Experiences courses. One of the Engaged Learning Experiences courses must be at the 300-level, and one Engaged Learning Experiences course must be designated as "Boundary Crossing".

Discipline Specific (ELE-DS)

These courses have pre-requisites that are specific courses within a program of study. Discipline Specific courses give students a deeper understanding of how knowledge is created and applied in their field.

Boundary Crossing (ELE-X)

These are courses that cross disciplinary boundaries and/or cross boundaries through engagements outside the classroom or University allowing students to see how knowledge gained in one field might inform other fields or other aspects of society.

Math/Quantitative Reasoning (MA)

1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/graduation-requirements/bachelors-degree/>)

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Code	Title	Hours
REQUIRED COURSES		
PSYC-200	General Psychology	4
PSYC-202	Writing Intensive Program: Statistics And Research Methods I	3
BIO-201	General Biology I	4
BIO-301	Cell Biology	4
SELECT ONE BIOLOGY AND ONE PSYCHOLOGY ELECTIVE		
NOTE: The BIO 250 prerequisite requirement will be waived for students who aren't pursuing a major or minor in biology.		
BIO-365	Neurobiology	4
or BIO-380H	Topics In Biology: Sensory Mechanisms	
or another 3-4 credit biology elective chosen with an advisor		
PSYC-350	Physiological Psychology	3
or PSYC-371	Neuropsychology	
or PSYC-373	Human Perception	
or another 3-credit psychology elective chosen with an advisor		