The Ohio State University  
College of Arts and Sciences  

Interdisciplinary Neuroscience Minor (NEURSC-MN)

Advising and Academic Services  
Arts and Sciences  
100 Denney Hall, 164 West 17th Ave  
Columbus, OH 43210  
Tel: (614) 292-6961  

In order to declare a minor in Neuroscience, you must meet with an advisor in the Neuroscience Major Program. Call 292-7379 to schedule an appointment.

The interdisciplinary minor in Neuroscience provides a coherent framework for the courses and undergraduate research opportunities that exist within multiple departments and colleges for students interested in this area.

Neuroscience, at its most basic definition, involves the study of the brain, its development, how it processes information, and the impact on behavior. Other areas of Neuroscience include neuropsychiatry, neurophysiology, neuroanatomy, neurochemistry, psychobiology, behavioral neuroscience, sensory and neuroimmunology, and molecular and cellular neuroscience.

The Neuroscience minor consists of 25 credit hours of course work. Two foundational courses are required, and the remaining credit hours may be taken from a range of advanced courses that should be chosen in consultation with an academic advisor: Once your advisor has approved your Minor Program Form, you should file it with your college or school counselor.

Required foundational courses 9 credit hours
- Psychology 313 – Introduction to Behavioral Neuroscience (5)
- Neuroscience 300 – Introduction to Neuroscience (4)

Advanced Electives (16 credit hours)
Select courses from the following list to total 16 credit hours. It is expected that courses will come from a variety of areas. Prerequisites for courses may be waived for minors, so students are advised to consult regularly with their mentor or advisor.

- Chemistry 211 – Quantitative Chemical Analysis for Biological and Medicinal Sciences (5)
- EEOB 632 – Neurobiology (3)
- Pharmacology 600 – General Pharmacology (3)
- Pharmacy 200 – The Rational & Irrational Use of Drugs (3)
- Philosophy 580H – Ethical Concepts in Health Care Research, Policy, and Practice (5)
- Psychology 305 – Drugs and Behavior (4)
- Psychology 312 – Learning, Memory, and Cognition (4)
- Psychology 501 – Advanced Behavioral Neuroscience (4)
- Psychology 513 – Intro to Cognitive Neuroscience (4)
- Psychology 600 – Psychology of Learning (5)
- Psychology 603 – Visual Perception (3)
- Psychology 606 – High-Level Vision (4)
- Psychology 613H – Biological Bases of Psychopathology (4)
- Psychology 617 – Neural Network Models in Psychology (4)

The following courses are a sample of individual study/research courses that may be included on the minor with the pre-approval of the neuroscience advisor (No more than 3 hours of any 693 or 699 research experience can count on the minor).

- EEOB 693 – Individual Studies (1-3)
- Molecular Genetics 693 – Individual Studies (1-3)
- Neuroscience 693 – Individual Studies (1-3)
- Psychology 699 – Undergraduate Research (1-3) with a Behavioral Neuroscience faculty member in the Psychology Department

Arts and Sciences minor program guidelines
The following guidelines govern minors.

Required for graduation  No
Credit hours required  A minimum of 25
Transfer credit hours allowed  A maximum of 10
Overlap with the GEC  Permitted, unless specifically disallowed by an individual minor program.
Overlap with the major  Not allowed and
- The minor must be in a different subject than the major.
- The same courses cannot count on the minor and on the major.
Overlap between minors  Each minor completed must contain 20 unique hours.

Grades required
- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.

Approval required  The minor program must be approved by an advisor in the Neuroscience Major 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 major 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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