Curriculum - Neuroscience, Minor

Catalog Year: 2026 - 2027

College/School: The College of Liberal Arts and Sciences

Plan Code: LABMENMIN

Requirement	Minimum Grade	Credit Hours
The minor in Neuroscience requires 18 credit hours, of which 12 credit hours must be upper-division. A minimum of six upper-division credit hours must be completed through The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search. Only courses completed with a grade of "C" (2.00 on a scale of 4.00) or better may be applied toward the minor requirements.		
NEU 101 Introduction to Neuroscience	C	3
NEU 290 Data Science for Neuroscience Majors (QTRS)	C	3
Upper Division Minor Electives Students must complete 12 credit hours of upper-division minor electives from any combination of tracks. The following courses can not be used to satisfy the Neuroscience minor requirements: NEU 394 Topic: Neuroscience Undergraduate Teaching Assistant; NEU 484; NEU 492; NEU 493; NEU 499. **Behavioral Neuroscience** **NEU 307 Your Brain on Drugs** **NEU 327 Neuroscience of Learning** **NEU 394 Topic: Current Topics in Behavioral Neuroscience** **NEU 394 Topic: Neuroscience of the Sleeping Brain** **NEU 394 Topic: The Neuroscience of Aging** **NEU 433 Behavioral Neuroendocrinology**	C	12

Requirement	Minimum Grade	Credit Hours
NEU 460 Brain and Emotion		
NEU 494 Topic: Epigenetics and Mental Illness		
NEU 494 Topic: Estrogen, Brain, and Memory		
NEU 494 Topic: Psychiatric Medications		
NEU 494 Topic: The Social Brain		
Cellular and Molecular Neuroscience		
BIO 331 Animal Behavior		
BIO 360 Animal Physiology		
BIO 435 Research Techniques in Animal Behavior		
BIO 436 Sociobiology and Behavioral Ecology		
BIO 465 Neurophysiology		
BIO 467 Neurobiology **or** NEU 325 Biopsychology		
BIO 494 / NEU 494 Topic: Biotechnology Viruses as Tools		
BIO 494 Topic: Genetics and Genomics of Behavior		
BIO 498 Topic: Neural Development		
BIO 498 Topic: Neurodegenerative Disorders of the Aging Brain		
Cognitive Neuroscience		
NEU 310 Fundamentals of Cognitive Neuroscience		
NEU 323 Neuroscience of Perception		
NEU 394 Topic: Language and the Brain		
NEU 394 Topic: Python Programming for Neuroscience		
NEU 394 Topic: R Programming for Neuroscientists		

Requirement	Minimum Grade	Credit Hours
NEU 456 Visual Cognitive Neuroscience		
NEU 494 Topic: Themes in Cognitive Neuroscience		
SHS 367 Language Science (SOBE)		
SHS 485 Acquired Speech and Language Disorders		
SHS 494 Topic: Health Neuroscience		
Systems and Computational Neuroscience		
BIO 355 Introduction to Computational Molecular Biology		
BIO 439 Computing for Research		
BIO 494 / MAT 494 / NEU 494 Topic: Data Analysis in Neuroscience		
KIN 424 Neural Aspects of Movement and Rehabilitation		
MAT 451 Mathematical Modeling		
MAT 494 Topic: Mathematical Neuroscience		
NEU 394 Topic: Foundations of Computational Cog Neurosci		
NEU 426 Neuroanatomy		
SHS 310 Anatomical and Physiological Bases of Speech		
SHS 311 Hearing Science		
The following courses are additional elective options for Biomedical Engineering majors who meet the prerequisites:		
BME 316 Biomechanics for Biomedical Engineers		
BME 350 Signals and Systems for Bioengineers		
BME 360 Control in Biological Systems		
BME 465 Magnetic Resonance Imaging		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

General Studies designations listed next to courses were valid for the 2026 - 2027 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.