

# NEUROBIOLOGY, BA

Neuroscience is the scientific study of the central (brain and spinal cord) and peripheral (nerves in body) nervous system. The Neurobiology major provides a rigorous education in neuroscience principles that prepares students for health-related, academic, and careers in health-related and scientific industries. Some of our graduates go on to consulting firms, law school, and nonprofit organizations. UW–Madison has more than 90 faculty engaged in neuroscience research. Undergraduates have access to this research faculty in formal classroom environments and through undergraduate research opportunities. Please see the Neurobiology major (<https://neuromajor.wisc.edu>) website for more information. See what graduates of the Neurobiology major are doing now (<https://neuromajor.wisc.edu/wp-content/uploads/sites/14/2024/03/Skills-and-Outcomes-NEUROBIOLOGY-major.pdf>).

## UNDERGRADUATE RESEARCH

Undergraduate Neurobiology students are fortunate to have the opportunity to work with some of the world's leading researchers. Many opportunities for laboratory research experience are available on campus for undergraduate students, and this type of experience is strongly encouraged. Such an experience provides students the opportunity to apply what they're learning and complement their knowledge with practical skills. Research experience is highly valued by employers, graduate programs, and professional schools. See the major website (<https://neuromajor.wisc.edu/research/>) for more information on how to get involved in undergraduate research.

## ABOUT THE CURRICULUM

The curriculum is designed to give students a solid foundation in basic biology, chemistry, physics, and mathematics before going on to study neuroscience at the molecular, cellular, systems, and cognitive levels. It is strongly encouraged that students engage in independent research in a neuroscience laboratory on campus. The Neurobiology Major Steering Committee is committed to increasing opportunities for all students with interests in neuroscience and helping students accomplish their academic goals at UW–Madison. This major is tailored to attract students from a diverse array of backgrounds. Please see the Neurobiology Major website (<https://neuromajor.wisc.edu>) for more information.