NEUROSCIENCE M.S.

The Neuroscience M.S. program curriculum is flexible and coursework and a research thesis are intended to be completed in two years.

The University of Montana Neuroscience Program also offers a combined Bachelor of Science and Master of Science degree pathway with an emphasis on Cellular & Molecular Neuroscience. This five-year accelerated program is specifically designed for students who have demonstrated academic excellence and are deeply interested in pursuing intensive research training in preparation for graduate/professional schools or who wish to enter the biomedical/biotech sector with advanced standing. The first 3 years of study are aligned with the existing Cellular & Molecular concentration of the B.S. in Neuroscience. Some students in the Cognitive & Behavioral concentration may also be eligible depending upon their course selections. In their 4th year, students will take graduate neuroscience courses and complete their B.S. degree. This will allow students to enter the Neuroscience graduate program with advanced standing and, pending completion and defense of an M.S. thesis project, earn a B.S. and an M.S. in 5 years.

See the Neuroscience website (https://www.umt.edu/neuroscience/default.php) for additional information.

General Graduate Program Requirements

Graduate School policies and standards can be found on the Graduate School Policies page (https://catalog.umt.edu/graduate/school-policies/).

The minimum GPA for any graduate program is 3.0. Individual programs may require more than a 3.0 to remain in good standing.

The minimum grade for a course to be accepted toward any master's or doctoral requirement is C. The minimum grade for a course to be accepted toward a certificate program is B-. Individual programs may require higher grades for specific courses.

Master of Science - Neuroscience

Course Requirements

Code	Title	Hours
Core Requirements		
Complete all of the folllowing courses:		
NEUR 582	Research Seminar Neuroscience (Data Club) [1]	1
NEUR 590	Graduate Research [2]	10
NEUR 594	Seminar [1]	2
NEUR 661	Neuroscience I	4
NEUR 667	Topics in Neurobiology (Journal Club)	1
Electives		
Complete at least 12 elective credits. Suggested elective courses include:		12
BCH 480	Advanced Biochemistry I	
BCH 482	Advanced Biochemistry II	
BCH 582	Proteins and Enzymes	
BCH 600	Cell Organization & Mechanisms	
BIOB 425	Advanced Cellular & Molecular Biology	
BMED 605	Biomedical Research Ethics	
BMED 609	Biomedical Statistics	
BMED 615	Molecular Pharmacology	
NEUR 475	Neuropharmacology	
NEUR 481	Systems Neuroscience of Behavior and Cognition	
NEUR 485	Neurolinguistics	
NEUR 585	Neurolinguistics	
NEUR 610	Neuropharmacology	
NEUR 667	Topics in Neurobiology	
Total Hours		**30**

[1] Students may only take 1 credit per semester.

[2] A minimum of 10 research credits is required for the Neuroscience M.S. degree.