

NEUROBIOLOGY MS

Degree Requirements

The following requirements are in addition to, or further elaborate upon, those requirements outlined in The Graduate School Policy Guide (<https://catalogs.northwestern.edu/tgs/academic-policies-procedures/>).

Master's

Total Units Required: 9

The master's program in Neurobiology gives students the opportunity to earn a graduate degree after one year of intensive study and research. The curriculum provides focused classroom instruction and independent hands-on research training.

The master's curricular & degree requirements provide students with the training and experience to become skilled and competent leaders in their chosen career path – medicine, industry, academic research, or teaching. Students must take a minimum of 9 credits, as shown below. All students take NEUROBIO 402-0 Advanced Neurobiology and Physiology – (2 credits in the fall quarter) and NEUROBIO 595-0 Master's in Science in Neurobiology Laboratory Research – (a total of 5 credits, from fall, winter, and spring quarters). In the winter and spring quarters, students select an elective (1-2 credits) to complete their curricular requirements. In addition, students must present an oral thesis proposal and defense, and a written thesis document.

Quarter	Research Credits (# credits)	Course Credits (# credits)
Fall	NEUROBIO 595-0 (1)	NEUROBIO 402-0 (2)
Winter	NEUROBIO 595-0 (2)	Elective (1)
Spring	NEUROBIO 595-0 (2)	Elective (1)

Other MS Degree Requirements

- **Research/Projects:** Experimental work carried out under the direction of a Neurobiology faculty member (Faculty Advisor).
- **Thesis Proposal:** A verbal presentation of proposed experimental work that will comprise the master's thesis.
- **Thesis Defense:** A verbal presentation of the experimental work that comprises the master's thesis.
- **Master's Thesis:** A written document that explains the rationale, methods, data, and interpretation of the experimental work completed under the direction of the Faculty Advisor.