

## **Neuroscience Graduate Program** (<http://www.umich.edu/~neurosci/index.htm>)

### Program requirements:

- Completion of all core courses and of sufficient elective courses to have achieved at least 36 credit hours by the end of the second year.
- Satisfactory performance on a qualifying examination taken at the end of the second year.
- Completion of an original research project, a doctoral dissertation and its defense.

### Course requirements:

#### First year

- Neuroscience 800 or 801 - research rotation
- Neuroscience 601/602 - two-term graduate-level survey of neuroscience
- Neuroscience 570 - survey of the structure of the human nervous system.
- Neuroscience 623 - intensive minicourse in cellular and molecular neuroscience
- PIBS 503 - responsible conduct of research
- One elective course

#### Second year

- Neuroscience 801 - independent research
- Neuroscience 700 - student seminar
- Elective Courses to bring total credit hours to 36

### Additional Program Requirements:

- proficiency in Statistics
- All students are expected to attend the weekly Neuroscience seminar presented on Mondays at 4:00 p.m.

### Teaching requirements:

- All students must serve as a Graduate Student Instructor (GSI) for one semester, generally in the second or third year.

### Preliminary exam format:

- Preliminary exams consist of a written research proposal that addresses a selected area in the field of neuroscience and an oral defense of the proposal. The preliminary exam is completed in the Spring of the second year.

### Length of program:

- The average duration of graduate training in the Neuroscience Program is 5.5 years.

### Special events:

- The academic year is highlighted by two student-organized events. The first is a Fall retreat at a local nature center where students and invited faculty give talks and participate in local recreational activities, e.g., High Ropes Challenge. The second is the Spring Neuroscience Symposium, featuring seminars by prominent neuroscientists invited and hosted by the students.