The Master of Science in Neuroscience is interdisciplinary in nature, providing experiences at the interface of biology, clinical neuroscience, and psychology.
The Master of Science in Neuroscience program is designed to meet the needs of both full-time and part-time non-traditional students with most courses offered in the evenings. In addition, the program offers two options. **THESIS OPTION** requires a 6-credit thesis and is designed for students who are interested in research positions or who plan to pursue doctoral training in the future. **NON-THESIS** option requires a 3-credit research paper where a particular applied/clinical interest is integrated with coursework taken. This option is intended as an appropriate terminal degree for students pursuing advancement in non-research positions.

**CUTTING-EDGE RESEARCH OPPORTUNITIES**

The Neuroscience program has a unique position in the area in that it provides research opportunities in clinical neuroscience, neurophysiology, and in basic neuroscience. Students interested in completing a thesis project will be directed towards instructors and laboratories in the area of the student’s interest. We have had great success placing students in laboratories in both Biology and Psychology Departments here at the University of Hartford, as well as in top-notch laboratories in the state, at the UConn Health Center, the Institute of Living at Hartford Hospital, and Trinity College, and out of state, at Harvard, and Tufts, amongst others.

**POST GRADUATE PLACEMENT**

Upon completion of our Neuroscience Graduate Program, students have gone on to high-quality neuroscience, cell biology and psychology doctoral programs in states across the country including Connecticut, Florida, Minnesota, and Pennsylvania. Students have successfully entered Medical School programs in the US and Canada. In addition, students have taken on employment opportunities ranging from laboratory research technicians at the Jackson Laboratory to sales representatives for pharmaceutical companies. Many of our students are practicing professionals in medicine, physical therapy, occupational therapy, and other areas who just want to advance their education and improve the quality of their care for others.

**APPLICATION REQUIREMENTS**

The admission review committee will consider only complete applications. All application materials should be uploaded in pdf format. Official transcripts should be sent to the following address: 

Graduate Admission Office

University of Hartford

200 Bloomfield Avenue

West Hartford, CT 06117 USA

The following items are required:

- An online application hartford.edu/grad-apply
- $50 USD application fee, payable to the University of Hartford
- Official transcripts for all collegiate level coursework forwarded to the University of Hartford
- A letter of intent as specified in the application form
- Three letters of recommendation
- Official result on the General Aptitude section of the Graduate Record Exam (GRE) forwarded to the University of Hartford using school code 3435. ets.org
- Applicants to the master’s program in Neuroscience (Thesis Track) must take either the Graduate Record Examination (GRE) or, in lieu of this, submit results from the Medical College Admissions Test (MCAT) or Dental Admissions Test (DAT). Please request to have official scores sent to Graduate Admission. Applicants to the master’s program in Neuroscience (non-thesis track) must take either the GRE or submit results of certification/licensing examinations.

**International Applicants**

- TOEFL—Official score to be submitted. The University of Hartford test code number is 3435. Visit TOEFL at ets.org. Minimum score: 550 paper-based or 80 internet-based. The Pearson Test of English (PTE) minimum score is a 58. Visit the PTE at pearsonpte.com. The IELTS is also accepted with a minimum score of 6.5 or higher.
- Transcript evaluation—transcript must be evaluated by the World Evaluation Services (WES). Visit wes.org. The evaluation at a minimum should indicate that the student has completed the equivalent of four-year bachelor’s degree at a U.S. regionally accredited institution. The $50 application fee will be waived to defray the cost of the evaluation.
- Guarantor’s Statement—a certified Guarantor’s Statement of financial support is required. You may download the Guarantor’s Statement at hartford.edu/graduate/int.

**DEADLINES AND DATES**

Admission into the Neuroscience program can occur for either the fall or spring semester. Applications for admission are accepted year round but applicants are encouraged to apply by June 1 for priority admission to the fall semester. Applications should be completed no later than 50 days before the start of either semester. Those applying for graduate assistantships must have completed an application no later than three months before the start of the semester. The admissions committee will review complete applications in the order in which they are received. Typically, applications will be reviewed starting mid-February for the fall semester and mid-November for the spring semester. Students who wish to explore the program prior to formal admission may enroll in up to 6 credits of graduate course work.

**FINANCIAL AID**

**Domestic Financial Aid**

Domestic graduate students may qualify for Federal Family Education Loans and must satisfy three requirements in order to be eligible for financial aid:

- File the Free Application for Federal Student Aid (FAFSA), fafsa.gov, for the academic year and meet all eligibility requirements established by the U.S. Department of Education.
- Be matriculated into a graduate degree-granting program (not conditionally accepted).
- Be registered for at least 6 credits per semester.

For more information, call 800.947.4303, email finaid@hartford.edu or visit admission.hartford.edu/financialaid.

**International Financial Aid**

Financial aid for international graduate students is currently limited to Graduate Assistantships. These assistantships are administered by the individual departments throughout the University and vary in size and availability.

**Assistantships and Fellowships**

A limited number of qualified students may receive a Regents Fellowship in Neuroscience that provides partial tuition remission and a stipend. Limited teaching assistantships are also available. Students enrolling in the thesis track of the program are encouraged to submit research grants for in-house and/or extramural funding opportunities. These grants provide invaluable grant writing experience for students intending to pursue doctoral training.

Ideal preparation would include a bachelor’s degree in a field such as Biology, Psychology, Chemistry, Psychology, or Engineering. Optional undergraduate preparation should include courses in Chemistry, Biology, Psychology, and Mathematics. An otherwise well-qualified student whose background does not contain all the requisite courses may be considered.

**Costs of Attendance**

See attached insert or visit hartford.edu/gradtuition.
Graduate program events are held throughout the year. Open Houses are held in August and January. Learn more at hartford.edu/gradevents

NEUROSCIENCE REQUIREMENTS

**Thesis Option:** Ideal preparation would include a bachelor’s degree in science, such as biology, chemistry or psychology, with additional optional undergraduate preparation in biology, chemistry, physics, and mathematics. An otherwise well-qualified student whose background does not contain all the requisite courses may be considered.

**Non-Thesis Option:** Ideal preparation would include baccalaureate work in some area of the life or health sciences, such as biology, psychology, physical therapy, occupational therapy, or nursing, with additional recommended undergraduate preparation in chemistry and biology. An otherwise well-qualified student whose background does not contain all the courses may be considered.

PROGRAM OF STUDY

The MS in Neuroscience requires 31 credits for the Thesis Option or 34 credits for the Non-Thesis Option with at least a B average, no more than two grades of C, and no grade below C, including:

**THESIS OPTION** (31 Required Credits)

- BIO 520 Introduction to Neuroanatomy (3)
- BIO 538 Principles of Neurophysiology (4)
- BIO 540 Neuroethics (3)
- BIO 518 Neuropharmacology (3)
- BIO 790, 791 MS Thesis (3,3)
- Approved electives (12)
- A written comprehensive examination

**NON-THESIS OPTION** (34 Credits)

- BIO 520 Introduction to Neuroanatomy (3)
- BIO 538 Principles of Neurophysiology (4)
- BIO 540 Neuroethics (3)
- BIO 518 Neuropharmacology (3)
- BIO 744 Introduction to Clinical Neurology (3)
- PSY 754 Integration and Application of Research Data (3)
- Approved electives (15)
- A written comprehensive examination

NEUROSCIENCE REQUIREMENTS

**Thesis Option:** Ideal preparation would include a bachelor’s degree in science, such as biology, chemistry or psychology, with additional optional undergraduate preparation in biology, chemistry, physics, and mathematics. An otherwise well-qualified student whose background does not contain all the requisite courses may be considered.

**Non-Thesis Option:** Ideal preparation would include baccalaureate work in some area of the life or health sciences, such as biology, psychology, physical therapy, occupational therapy, or nursing, with additional recommended undergraduate preparation in chemistry and biology. An otherwise well-qualified student whose background does not contain all the courses may be considered.

The Graduate Admission Office would be happy to provide more specific information about a degree program or answer any other questions you may have. Please contact the office by email at GradStudy@hartford.edu or by phone at 860.768.4371 or 800.945.0712.

For more specific information regarding the Neuroscience program please contact:
Paola Sacchetti, PhD
Program Director
860.768.5926
psacchett@hartford.edu

or
Donna Fleischer,
Program Assistant
860.768.4868
dfleische@hartford.edu