Why GRADUATE STUDIES in NEUROSCIENCE?

Graduate students and their work are an important part of an ongoing research process that provides the community with ways of understanding natural, cultural, imaginative, social and technological phenomena. The multidisciplinary graduate program in Neuroscience is educating the next generation of leaders who will build on the progress in reducing the impact of neurological disorders. Top students from across North America and beyond come to the Centre to learn in a collaborative environment where they can learn from the best minds in the field. The Neuroscience graduate program is firmly rooted in research because our objective is to produce highly-trained graduates who will continue our efforts to prevent and treat neurological diseases. The program offers studies spanning the full spectrum of neuroscience research, from cellular/molecular to clinical studies.

Why QUEEN’S?

At the forefront of discovery and innovation is the Centre for Neuroscience Studies (CNS) at Queen’s University. A hub of multidisciplinary research and teaching aimed at improving the understanding of the brain, how it works and how new therapies and diagnoses can play an important role in the prevention and treatment of diseases like Parkinson’s, Alzheimer’s, Stroke, Obesity, Fetal Alcohol Spectrum Disorder, Schizophrenia, Behavioral Disorders, and Depression.

The Centre for Neuroscience Studies (CNS) welcomes applications from students from a variety of different academic backgrounds. It offers an interdisciplinary program recruiting expertise from a wide range of research areas and backgrounds, ranging from the use of cellular/molecular and genetic approaches to those that emphasize neuronal systems, whole organism and clinical studies.

“Right from the day I started at the Centre for Neuroscience Studies, it felt like family. The camaraderie and support you get is amazing.”

– Alicia Peltsch, PhD

Program STRUCTURE

MSc (2 years, full time): Course work, research project, thesis, and defense.

Research AREAS

The CNS has four research areas of strength in Decision Making and Adaptive Control, Mood Disorders, Neurodegeneration and Pain. There are also many other neuroscience topics studied under the umbrella of the CNS. Our research spans cellular molecular research, systems, behavioural, cognitive and clinical applications.

Visit the Neuroscience website to learn more about faculty members and their research areas. When you find a faculty member with similar research interests to yours, contact him/her and tell them about your interest in graduate work and related experience.
This map is intended to provide suggestions for activities and careers, but everyone’s abilities, experiences, and constraints are different. Build your own Grad Map using our online My Grad Map tool.

Visit careers.queensu.ca/gradmaps for the online version with links!

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Application FAQs

What do I need to know to APPLY?

ACADEMIC REQUIREMENTS
- Honours Bachelor’s degree in Arts or Science, Applied Science, degree of Doctor of Medicine, or equivalent.
- Grade requirements: 8 in the second, third and fourth years of an Honours Bachelor’s degree.

ADDITIONAL REQUIREMENTS
- Statement of Interest.
- Current CV.
- If English is not a native language, prospective students must meet the English language proficiency requirements in writing, speaking, reading, and listening. The following minimum scores are required: (1) TOEFL iBT: Writing (24/30); Speaking (22/30); Reading (22/30); Listening (20/30). Applicants must have the minimum score in each test as well as the minimum overall score, or (2) IELTS: 7.0 (academic module overall band score and a 7.0 for each test band), or (3) PTE Academics: 65, or (4) CAEL CE -70 (minimum overall score).

KEY DATES & DEADLINES
- Application due: To be eligible for internal awards, applications must be submitted by February 1st. Applications received after the deadline will be accepted based on supervisor availability.

Before you start your application, please review the Graduate studies application process.

What about FUNDING?

Master’s students in Neurosciences are offered a minimum funding of $21,000 per year. As part of the minimum funding package, you may serve as a Teaching Assistant, but it is not guaranteed. Applicants to the Centre for Neuroscience program with external funding awards will have a greater opportunity of being accepted to the program.

Apply for external funding from OGS, CIHR/NSERC and other sources. Queen’s will automatically issue a $5,000 top-up to Master’s winners of federal government tri-council awards. See the School of Graduate Studies’ information on awards and scholarships for more.