

# Master of Science and PhD in Applied Science

September 2022 Admission

## Scientific Research

The MSc and PhD in Applied Science programs combine coursework and research, culminating in defence and publication of a research thesis. Students typically combine coursework and research during their first two semesters (eight months). The remainder of each degree program is then primarily dedicated to research. Students benefit from expert guidance, with each student having a faculty member as their primary supervisor, and an interdisciplinary supervisory committee composed of additional faculty members and/or research scientists.

Prospective students should identify and contact a Saint Mary's faculty member working in the research area that interests them. A faculty member willing to serve as your research supervisor should be identified before applying to the MSc or PhD programs.

## The Degree

Saint Mary's offers two thesis-based graduate degrees in Applied Science: two-year MSc in Applied Science (with co-op option), and a three-year PhD in Applied Science.

## Fields of Research

Through the MSc and PhD programs in Applied Science, students can conduct research in:

- Biology
- Chemistry
- Computing Science
- Engineering
- Finance Information Systems, and Management Science
- Forensic Science
- Environmental Science
- Geography
- Geology
- Mathematics
- Physics
- Psychology



**Questions?**  
Contact Keith Bain at  
[keith.bain@smu.ca](mailto:keith.bain@smu.ca)



## These Programs Offer:

- Opportunity to conduct advanced research
- Dynamic, interdisciplinary learning environment
- Friendly and multicultural student body
- World-class research facilities and laboratory infrastructure
- Valuable contacts with employers through our co-op program (MSc) and internship (PhD)

## Stipend Funding

Typical stipends range from \$18,600 to \$25,000 per year for MSc students and \$21,000 to \$34,250 per year for PhD students. Amounts include funding from all sources, including scholarships and teaching assistantships.

## Flexible Start Date

Start your program in May, September, or January (available funding maybe limited for January admissions).

## Tuition

Annual tuition fees for 2021-22:

MSc: Canadian students: \$8,138

International students: \$17,037

PhD: Canadian students: \$9,426

International students: \$17,048

Tuition fees are paid annually in three instalments at the beginning of each term (Sept, January, May). For the most up-to-date tuition fee schedule, please see:

[smu.ca/academics/graduate-tuition-fees.html](http://smu.ca/academics/graduate-tuition-fees.html)

## Admission requirements

### MSc in Applied Science

Honours Bachelor's degree in Science (or equivalent combination of degree and research experience) from a recognized institution with minimum cumulative GPA of 3.0 (average standing of 'B' or above).

#### Proof of English language proficiency:

IELTS 6.5 / no band below 6.0

TOEFL iBT Min. 80 / no band below 20)

### PhD in Applied Science

MSc in a discipline related to the proposed PhD research, with a minimum cumulative GPA of 3.7 in master's-level coursework (average standing of 'A-' or above).

#### Proof of English language proficiency:

IELTS 7.0 / no band below 6.5

TOEFL iBT Min 100 / no band below 20

Prospective students should explore the Saint Mary's website to identify a faculty member working in their area of interest: [Available Research Opportunities](#).

## Saint Mary's University

Saint Mary's University is situated in the South End of Halifax, Canada, on just one city block. But despite our small size, we're still a globally connected university, and we're proud to bring students together from all corners of the world. Now over 200 years strong, we're home to a truly intercultural Faculty of Arts and a vibrant Faculty of Graduate Studies and Research. In fact, we're considered Nova Scotia's second-largest research university by research income.



**Saint Mary's University**

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**Saint Mary's  
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