

# PHYSIOLOGY AND BIOPHYSICS



## Master of Science (MSc) Doctor of Philosophy (PhD)

The Department of Physiology and Biophysics is located in the Sir Charles Tupper Medical Building, which houses the basic science departments of the Faculty of Medicine. The research interests of the faculty encompass a wide range of expertise in physiology, biophysics, biochemistry, cell biology and molecular biology. The faculty have many collaborative projects in basic science and clinical departments throughout the University.



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# Why study Physiology and Biophysics at Dalhousie?

## RESEARCH STRENGTHS

Cardiovascular Physiology, Cellular and Molecular Physiology, Endocrinology & Neuroendocrinology, Ion Channel Biophysics, Molecular & Genetic Physiology, Neuroscience, Respiratory Physiology

## POTENTIAL CAREERS

Professor, Research Scientist (Pharmaceutical companies, Biotechnology companies, Government), Research Coordinator (Hospital, Industry), Laboratory Technician/Research Associate, Medical Doctor, Pharmacist, Nurse, Paramedic, Teacher, Forensic Scientist, Food Microbiologist.

## ADMISSION REQUIREMENTS

MSc Program

- A Bachelor of Science (BSc) Honours degree or equivalent
- A minimum Academic record with an overall average of B+
- A minimum grade of B- in undergraduate mathematics, physics, chemistry, statistics, biology, English
- An A- average over the last 2 years of study
- TOEFL score of 100 (or the equivalent score on a comparable test)
- We do not accept GRE

## PHD PROGRAM

An MSc Degree in Physiology or a related field

A pdf of our graduate handbook can be found here, as well as a wealth of additional graduate information: [medicine.dal.ca/physiology/graduateprograms](http://medicine.dal.ca/physiology/graduateprograms)

## LENGTH OF PROGRAM

MSc: typical time to complete is 2 years

PhD: typical time to complete is 4-6 years

## APPLICATION DEADLINE

Same as the general application deadlines outlined by the Faculty of Graduate Studies (applications are accepted for September, January, and May admission).

## CONTACT INFORMATION

902.494.3517

[graduate.physiology@dal.ca](mailto:graduate.physiology@dal.ca)  
[physiology.dal.ca](http://physiology.dal.ca)

## FACULTY OF GRAD STUDIES

Dalhousie University | PO Box 15000 | Halifax Nova Scotia | Canada B3H 4R2 | [dal.ca/grad](http://dal.ca/grad)

Tel: 902.494.2485 | [graduate.studies@dal.ca](mailto:graduate.studies@dal.ca) | [@dalgradstudies](https://twitter.com/dalgradstudies) | [/dalgradstudies](https://facebook.com/dalgradstudies) | [@dalhousie\\_university](https://instagram.com/dalhousie_university)

