

KINESIOLOGY



Master of Science (MSc)

A multi-disciplinary study of human movement, the MSc Kinesiology program focuses on the theoretical and applied aspects of human performance in a variety of settings. The combination of theory and application, together with development of research skills, results in an outstanding academic experience and preparation for professional practice or further study. Through Dalhousie and its links with many institutions and organizations within Halifax and beyond, students are able to make important connections, resulting in valuable and meaningful collaborative learning opportunities.



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Why study Kinesiology at Dalhousie?

RESEARCH STRENGTHS

- Ergonomics and human factors
- Cardiovascular physiology
- Sport psychology
- Exercise psychology
- Neuroscience and motor control
- Biomechanics
- Bone health and nutrition
- Physical activity and health

POTENTIAL CAREERS

- Kinesiologist
- Sport science
- Coaching
- Applied or clinical research
- Ergonomics/human factors specialist
- Rehabilitation therapist
- Mental skills consultant
- Biomedical device design and evaluation
- Kinesiology faculty at university or college
- Exercise physiologist

OUR PROGRAM

Students usually complete their coursework requirements in year 1 (12 credit hours). Courses are designed to guide students in creating an achievable proposal for research on the topic they want to study. Year 2 is devoted to completing the thesis (12 credit hours). It is possible to complete our program on a part-time basis. Our students choose two of the following courses:

- Research Methods
- Statistics
- Measurement & Instrumentation

They select their electives from a wide range of courses, including courses from other allied Departments at Dalhousie. Some recent thesis topics include: visual orienting, the effect of yoga on quality of life in cancer, the effects of motor imagery on strength, and after-school physical activity.

OUR STUDENTS

Our students study a research topic they are passionate about. They run and participate in a national conference for student health research. Through Dalhousie and its links with many institutions and organizations within Halifax and beyond they make important connections, resulting in valuable and meaningful collaborative learning opportunities.

ADMISSION REQUIREMENTS

- Minimum 3.5 GPA and graduation from four-year undergraduate program
- Relevant background
- A Dalhousie Kinesiology faculty member who accepts you as a student
- A grade of 'B' or higher in both a research methods and a statistics course
- Honours thesis or equivalent research experience (e.g. research assistantship, independent study, etc.)

APPLICATION DEADLINE

Application deadline: January 15 is the deadline to be considered for Internal funding, however we will review applications received until June 1. The majority of students start this program in the September (Fall) term

CONTACT INFORMATION

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FACULTY OF GRAD STUDIES

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