

# CLINICAL VISION SCIENCE



Photo ©: Dan Brophy

## Master of Science (MSc)

The program is directed at optimizing professional clinical practice and encourages an integrated approach to the field of vision sciences. Students get concurrent graduate level education in orthoptics and ophthalmic medical technology. The program provides classroom and laboratory instruction as well as extensive clinical training. It equips students with outstanding skills in the assessment, diagnosis and treatment of ocular disorders to ensure strong clinical competence and to enable graduates to be full participants in the interdisciplinary model of eye care. There are two options for graduation. Requirement for the Master's degree is completion of a thesis in a vision science topic. Students may opt to exit from the program after the second program year without a thesis and to graduate with a Diploma in Orthoptics and Ophthalmic Medical Technology.



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# Why study Clinical Vision Science at Dalhousie?

## RESEARCH STRENGTHS

Student research activities are supported by faculty members in various areas of specialization that include basic science, electrophysiology and diagnostics, eye movement disorders and their treatment modalities, genetics of eye disease and other topics spanning across disciplines including function and perception, clinical psychophysics, and behavioral psychology. Students have access to an organized research infrastructure that includes the services of a research associate, various internal stipends, dedicated research space and a network of associated investigators in different disciplines from several departments and institutions.

## POTENTIAL CAREERS

Our students have excellent job prospects in Canada and internationally. They generally find employment in hospitals or private clinical settings. Many of them participate in research programs, training of other eye care professionals, patient education and vision screening.

## ADMISSION REQUIREMENTS

Candidates must satisfy the general requirements of the Faculty of Graduate Studies.

In addition, they are recommended to have science backgrounds in the following areas: human anatomy, neuroscience, physiology, psychology, or biology.

## LENGTH OF PROGRAM

MSc: typical time to complete is 3 years

## APPLICATION DEADLINE

Admissions are for September (Fall) term only. The deadline to apply is March 1st.

## CONTACT INFORMATION

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dal.ca/cvs

## FACULTY OF GRAD STUDIES

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