Master’s in Vision Science – Option: Visual Impairment and Rehabilitation (English)

SCHOOL OF OPTOMETRY | DIRECTION OPTOMÉTRIE

Overview and specifics

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>2-656-1-2</th>
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<tr>
<td>LEVEL</td>
<td>Graduate</td>
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<tr>
<td>TYPE</td>
<td>Maîtrise ès sciences (M. Sc.)</td>
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<tr>
<td>CREDITS</td>
<td>45 credits</td>
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<tr>
<td>PROGRAM TYPE</td>
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Day course

Offered at the Montréal

Full-time

Visual Impairment
Rehabilitation
Activities of Daily Living

Resource persons

PROGRAM INFORMATION

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Description

We are pleased to announce a new option in the Master of Science program. This option, offered in English by the School of Optometry at the Université de Montréal, is called Visual Impairment & Rehabilitation.

This program produces professionals who provide rehabilitation services to people of all ages who are blind or who have low vision. There are three concentrations (or tracks) in the program, enabling one to specialize in Low Vision, Orientation & Mobility, or Vision Rehabilitation Therapy. The program is composed of three (3) segments: a 15-credit core segment, common to all 3 concentrations, a 23-credit specialty-area segment, consisting of courses and internships, and a 7-credit research segment. It should be possible for a student to complete the program in 1 1/2 years although two full academic years are allowed, if necessary.

Certification through the Academy for Certification of Vision Rehabilitation & Education Professionals

Strengths

A program affiliated with the School of Optometry, whose mission is articulated around three axes: teaching, research and outreach. The School achieves its mission by pursuing the objectives of relevance, quality and openness, and seeks to position the University of Montreal, in the Francophonie as well as internationally, among the leaders for training and research in the science of vision, eye health and rehabilitation in visual impairment.

Career prospects

Examples of possible professions:

- Low Vision Therapist
- Orientation and Mobility Specialist
- Vision Rehabilitation Therapist
- Assistive Technology Instructional Specialist for People with Visual Impairments
Regulations

Studies are governed by the Regulations of the Faculty of Graduate and Postdoctoral Studies and by the following provisions:

1.1 Eligibility requirements To be eligible for admission as a regular student to the M.Sc. [vision sciences] the candidate must:

Option: Visual Impairment & Rehabilitation

- satisfy the general admissions conditions (section XI) set out by the Regulations of the Faculty of Graduate and Postdoctoral Studies
- have completed an undergraduate degree, or its equivalent, in an area of study that adequately prepares one for the chosen graduate field
- have obtained a cumulative GPA at the undergraduate level of 3.0 out of 4.3 or equivalent

Application deadlines

Before submitting an application, check the application periods for the chosen session.

Fall
- Fall 2020: From January 1st, 2019 to May 1st, 2020
- Fall 2021: From January 1st, 2020 to February 1st, 2021

Program structure (2-656-1-2)

The Masters is composed of 45 credits. It is offered under the option of Visual Impairment & Rehabilitation option (Segment 72)

Legend: CR: Credit, SC: Schedule, D: Day, E: Evening

<table>
<thead>
<tr>
<th>SEGMENT 72 RELATING TO THE VISUAL IMPAIRMENT &amp; REHABILITATION OPTION</th>
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<tr>
<td>The credits in this option are distributed as follows: 22 compulsory credits, of which 5 are attributed to the completion of a directed research project, and 23 optional credits.</td>
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### Block 72A

<table>
<thead>
<tr>
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<td>IDV 6017</td>
<td>Psychosocial Aspects of Visual Impairment</td>
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<td>IDV 6025</td>
<td>Visual Impairment &amp; Related Disabilities</td>
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<td>IDV 6020</td>
<td>Functional Aspects of Visual Pathology</td>
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<td>IDV 6038</td>
<td>Visual Impairment Across the Lifespan</td>
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<td>IDV 6024</td>
<td>Rehabilitation Services in Visual Impairment</td>
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### Block 72B1 Concentration Orientation & Mobility

Optional – 23 credits

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<td>IDV 6016</td>
<td>Low Vision &amp; Mobility</td>
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<td>IDV 6004</td>
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<td>Simulation &amp; Techniques in Orientation &amp; Mobility</td>
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### Block 72B2 Concentration Vision Rehabilitation Therapy

Optional – 23 credits

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<td>IDV 6028</td>
<td>Computer-based Assistive Technology I</td>
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<td>IDV 6015B</td>
<td>Internship in Vision Rehabilitation Therapy 2</td>
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<td>IDV 6029</td>
<td>Computer-based Assistive Technology II</td>
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<td>Assessment in Vision Rehabilitation</td>
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<td>IDV 6030</td>
<td>Living with Visual Impairment</td>
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<td>IDV 6027</td>
<td>Braille and Visual Impairment</td>
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### Block 72B3 Concentration Low Vision

Optional – 23 credits

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admission.umontreal.ca
Research expertise at a glance

Research Priorities:
- Development, evaluation, usability of assistive devices for visually impaired persons
- Rehabilitation strategies across the lifespan for visually impaired persons
- Knowledge Translation in vision rehabilitation
- Quality of Life and Independence through vision rehabilitation
- Visual impairment and hearing loss: deafblindness/dual sensory impairment
- Braille
- Independent mobility, wayfinding and safety during street-crossing for visually impaired persons


Professors

Consult the list of the department’s faculty members and their specializations:
http://www.opto.umontreal.ca/ecole/corpsProfessoral.html#

Directory of theses and dissertations

Visit Papyrus, Université de Montréal’s institutional repository, to search for research projects by our faculty and researchers as well as theses and dissertations by our students: https://papyrus.bib.umontreal.ca/xmlui/?locale-attribute=en

Research news

Read the latest research news from UdeM: http://nouvelles.umontreal.ca/en/