HONOURS BACHELOR OF HEALTH SCIENCES - TECHNOLOGIES AND INNOVATION IN HEALTHCARE OPTION AND MASTER OF HEALTH SCIENCES OCCUPATIONAL THERAPY

Overview
Honours Bachelor of Health Sciences - Technologies and Innovation in Healthcare Option

This program is offered in French.

The Honours Bachelor of Health Sciences program is defined by its integrative approach for studying health. Students are provided with a biosciences background, knowledge of quantitative and qualitative methodologies, along with an interdisciplinary approach to study the determinants of health. This unique academic program allows students to discover innovative ways to examine, measure and unravel complex health problems at all life stages, in Canada and around the world.

The Technologies and Innovation in Healthcare option will provide students with theoretical knowledge and applied skills to examine the applications and limitations of health technologies. Upon completion of this option, students will be able to evaluate the utility of health technologies including computer-assisted applications to both clinical research and health services delivery, demonstrate skills in health technology assessment methodologies and critically appraise the social and ethical implications of health technologies.

Graduates will be well-prepared to undertake health-related MSc programs or pursue careers in public or private health agencies, non-governmental health organizations or in community health programs. Students are provided with the necessary foundation further studies in medicine, rehabilitation studies, dentistry or pharmacy. Our interdisciplinary focus enhances the quality and maturity of future clinicians and health professionals.

Master of Health Sciences Occupational Therapy

This program is offered in French.

The mission of the Masters of Health Science in Occupational Therapy program at the University of Ottawa, which is offered in French, is to train competent health care professionals able to respond to the needs of the francophone population in Ontario and, more generally, to the needs of francophone communities in the bilingual and multilingual Canadian context.

Occupational therapy is both an art and a science whose aim is to prevent handicap situations, re-establish or promote occupation (everyday activities that people do), health, and well-being of individuals. Occupational therapists work in collaboration with individuals or groups of individuals to prevent or address occupational performance difficulties. Occupational performance difficulties may arise from a health condition, developmental issue, environmental obstacle or a consequence of aging. Difficulties may occur in areas of self-care, productivity, or leisure. Occupational therapists enable their clients to reconstruct their life and develop a renewed sense of self-identity and independence.

The occupational therapy program follows the standards developed by the Canadian Association of Occupational Therapists (CAOT). This allows students to develop the skills and competencies needed to practice their profession upon graduation. In addition to the coursework, students complete 1,000 placement hours as required by CAOT. These mandatory placements can take place in Ottawa-area hospitals, schools, community organizations, the interprofessional university clinic and rehabilitation centres or at locations outside the National Capital Region.

Students complete this limited-enrollment program over six consecutive terms, i.e., two years of full-time study (including placements). However, students with an undergraduate degree in occupational therapy at the time of admission can follow the accelerated program, which leads to a master’s degree after one year (three terms). Students complete practical and theoretical courses, placements and on-site observation placements. Teaching activities are grouped under the following six themes:

• Theme 1: Knowledge of the human being, his occupations and his environment
• Theme 2: Knowledge of the fundamentals of client-centered occupational therapy practice
• Theme 3: Knowledge of health problems in individuals and communities, as well as occupational factors that promote health
• Theme 4: Knowledge of specific aspects of occupational therapy practice among diverse populations
• Theme 5: Critical analysis of current knowledge
• Theme 6: Knowledge integration

Program Requirements
Honours Bachelor of Health Sciences - Technologies and Innovation in Healthcare Option

Compulsory courses at the 1000 level

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
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<tbody>
<tr>
<td>ANP 1505</td>
<td>Anatomie humaine et physiologie I</td>
<td>3</td>
</tr>
<tr>
<td>ANP 1506</td>
<td>Anatomie humaine et physiologie II</td>
<td>3</td>
</tr>
<tr>
<td>BIO 1540</td>
<td>Introduction à la biologie cellulaire et moléculaire</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1711</td>
<td>Principes de chimie</td>
<td>3</td>
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<tr>
<td>FRA 1710</td>
<td>Analyse, écriture et argumentation I</td>
<td>3</td>
</tr>
<tr>
<td>HSS 1501</td>
<td>Déterminants de la santé</td>
<td>3</td>
</tr>
<tr>
<td>HSS 1500</td>
<td>Microbiologie et immunologie</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1501</td>
<td>Introduction à la psychologie : fondements</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1501</td>
<td>Éléments de sociologie</td>
<td>3</td>
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Compulsory courses at the 2000 level

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>HSS 2502</td>
<td>Communication et santé</td>
<td>3</td>
</tr>
<tr>
<td>HSS 2705</td>
<td>Mécanismes moléculaires des maladies</td>
<td>3</td>
</tr>
</tbody>
</table>
HSS 2721 Perspectives sociopolitiques et économiques de la santé 3 Units
HSS 2781 Analyse quantitative des données en sciences de la santé: variables continues 3 Units
HSS 2782 Analyse quantitative des données en sciences de la santé: variables catégorielles 3 Units
PHI 2796 Bioéthique 3 Units

Compulsory courses at the 3000 level
HSS 3501 Recherche en santé : approches qualitative et quantitative 3 Units
HSS 3503 Expérience de la maladie, de la déficience et du handicap 3 Units
HSS 3506 Pharmacologie : Mécanismes d'action et observation de la prise des médicaments 3 Units
HSS 3507 Comprendre les signaux mesurés par des technologies de la santé 3 Units
HSS 3510 Épidémiologie 3 Units
HSS 3703 Environnement et santé 3 Units
HSS 3705 Pathophysiologie des problèmes de santé 3 Units
HSS 3732 Technologie et santé 3 Units

Compulsory courses at the 4000 level
HSS 4501 Élaboration et évaluation de programmes en santé 3 Units
HSS 4502 Origines développementales de la santé et des maladies 3 Units
HSS 4508 Méthodes d'évaluation des technologies de la santé 3 Units
HSS 4509 Applications en santé assistées par ordinateur 3 Units

Optional courses
3 optional course units in Health Sciences from the list of optional courses 3 Units
6 science optional course units offered by the Faculty of Science 6 Units
Total: 90 Units

Note(s)
A maximum of 42 course units at the 1000 level is permitted.

Master of Health Sciences Occupational Therapy

Master's with Coursework
Compulsory Courses
ERG 5531 Concepts fondamentaux en ergothérapie : personne, occupation et environnement 3 Units
ERG 5532 Occupations dans une perspective développementale 3 Units
ERG 5534 Personne, occupation et environnement dans une perspective de sens et de justice occupationnelle 3 Units
ERG 5714 Principes d'évaluation et de traitement en ergothérapie 3 Units
ERG 5722 Perspectives théoriques et modèles en ergothérapie 3 Units
ERG 5741 Atteintes à la santé des enfants et approches d'intervention 3 Units
ERG 5742 Atteintes à la santé physique des adultes et approches d'intervention 3 Units
ERG 5743 Atteintes à la santé mentale des adultes et approches d'intervention 3 Units
ERG 5744 Atteintes à la santé des personnes âgées et approches d'intervention 3 Units
ERG 5754 La recherche en ergothérapie 3 Units
REA 5703 Pratiques professionnelles en réadaptation 3 Units
ERG 6551 Perspectives particulières en ergothérapie 3 Units
ERG 6715 Pratiques professionnelles avancées en ergothérapie 3 Units
ERG 6741 Intervention de l'ergothérapeute auprès des enfants 3 Units
ERG 6742 Intervention de l'ergothérapeute auprès des adultes (santé physique) 3 Units
ERG 6743 Intervention de l'ergothérapeute auprès des adultes (santé mentale) 3 Units
ERG 6744 Intervention de l'ergothérapeute auprès des personnes âgées 3 Units
REA 6503 Pratique factuelle en réadaptation 3 Units

Seminars
ERG 6755 Séminaire de recherche 3 Units
ERG 6761 Séminaire d'intégration des acquis en ergothérapie 3 Units

Clinical Placements
ERG 5901 Clinical Placement in Occupational Therapy I 3 Units
ERG 5902 Clinical Placement in Occupational Therapy II 3 Units
ERG 6903 Clinical Placement in Occupational Therapy III 3 Units
ERG 6904 Clinical Placement in Occupational Therapy IV 3 Units
ERG 6905 Clinical Placement in Occupational Therapy V 3 Units
Total: 60 Units

Note(s)
1 A minimum of 1000 placement hours must be completed over the five clinical placements.

Master's with Coursework and Research Paper
Compulsory Courses
ERG 5531 Concepts fondamentaux en ergothérapie : personne, occupation et environnement 3 Units
ERG 5532 Occupations dans une perspective développementale 3 Units
ERG 5534 Personne, occupation et environnement dans une perspective de sens et de justice occupationnelle 3 Units
ERG 5714 Principes d'évaluation et de traitement en ergothérapie 3 Units
ERG 5722 Perspectives théoriques et modèles en ergothérapie 3 Units
ERG 5741 Atteintes à la santé des enfants et approches d'intervention 3 Units

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ERG 5742 Atteintes à la santé physique des adultes et approches d’intervention 3 Units
ERG 5743 Atteintes à la santé mentale des adultes et approches d’intervention 3 Units
ERG 5744 Atteintes à la santé des personnes âgées et approches d’intervention 3 Units
ERG 5754 La recherche en ergothérapie 3 Units
REA 5703 Pratiques professionnelles en réadaptation 3 Units
ERG 6715 Pratiques professionnelles avancées en ergothérapie 3 Units
ERG 6741 Intervention de l’ergothérapeute auprès des enfants 3 Units
ERG 6742 Intervention de l’ergothérapeute auprès des adultes (santé physique) 3 Units
ERG 6743 Intervention de l’ergothérapeute auprès des adultes (santé mentale) 3 Units
ERG 6744 Intervention de l’ergothérapeute auprès des personnes âgées 3 Units
REA 6503 Pratique factuelle en réadaptation 3 Units

Seminars
ERG 6761 Séminaire d’intégration des acquis en ergothérapie 3 Units

Research Paper
ERG 6999 Major Paper 6 Units

Clinical Placements
ERG 5901 Clinical Placement in Occupational Therapy I
ERG 5902 Clinical Placement in Occupational Therapy II
ERG 6903 Clinical Placement in Occupational Therapy III
ERG 6904 Clinical Placement in Occupational Therapy IV
ERG 6905 Clinical Placement in Occupational Therapy V

Total: 60 Units

Note(s)
1 A minimum of 1000 placement hours must be completed over the five clinical placements.

Expected Professional Behaviour
As future rehabilitation professionals, occupational therapy students are required to maintain a high level of integrity as well as personal and professional ethics. The student agrees to adhere to this standard in all aspects of his program (courses, clinical placements, projects) during his interactions with colleagues, professors, clinical supervisors, clients, research participants, academic staff, etc. A list of essential skills and qualifications for occupational therapy students can be found here (http://health.uottawa.ca/readaptation/sites/sante.uottawa.ca.readaptation/files/ot_skills_attributes.pdf).

Requirements for Clinical Placements
Students must adhere to the requirements established by the Office of Risk Management (http://orm.uottawa.ca/clinical-placement/) (RMO) regarding immunizations, police records and any other training or information required to ensure health and safety in clinical placement settings. It is the student’s responsibility to know these requirements and to abide by them.

Non-adherence to the requirements can have major consequences, including not being able to start a clinical placement and even withdrawal during a clinical placements.

Presence at the clinical placements is mandatory; the abandonment of a clinical placement already started without good reason is a failure.

In accordance with the affiliation agreement between the University of Ottawa and the clinical institution: “The organization may terminate an internship in a clinical setting and prohibit a student from continuing it if, in its opinion, the student’s behavior represents a potential danger to its customers or patients or has a negative impact on their well-being or on the personnel of the organization”. A student who is dismissed from a clinical placement by the clinical organization will receive a failing grade for this clinical placement.

The clinical placements take place in the Ottawa region as well as in other parts of Ontario and Canada. A student may be assigned to a local clinical placement or outside. In some cases, the Consortium National de Formation en Santé (http://www.cnfs.ca/english/) (CNFS) can help with travel costs for clinical placements.

Specific requirements for the master’s program
Minimum Requirements
The pass mark in each individual course is C+. S (Satisfactory) is required for each clinical placement.

Students who fail two courses (course or clinical placement) must withdraw from the program. Students who fail only one course/clinical placement can repeat the course or the clinical placement at the next time the course is offered. Students will not be able to take the courses or clinical placements for which the failed course or clinical placement is a prerequisite. In this case, students will not be able to complete the program within the prescribed time. Failing the repeated course or clinical placement is considered a second failure.

Duration of the Program
The regular program normally runs over 6 consecutive full-time terms. Students are expected to complete all program requirements, including the Research Project (ERG 6755 or ERG 6999), within this two-year period.