HONOURS BACHELOR OF SCIENCE IN HUMAN KINETICS AND MASTER OF HEALTH SCIENCES OCCUPATIONAL THERAPY

Overview
Honours Bachelor of Science in Human Kinetics

This program is offered in French.

The Honours Bachelor of Science in Human Kinetics emphasizes the biophysical sciences of human kinetics, with a focus on the role that biological, anatomical, musculoskeletal, and neuro-motor systems have on motor performance, and the impact of sport and physical activity on the body. It provides the knowledge, skills and techniques required for you to play a leading role in developing and implementing evidence-based approaches that maintain and improve human movement, and lead to positive health outcomes for different populations in a variety of settings. While the program focuses on disciplines such as anatomy, biomechanics, exercise physiology, motor control and psychomotor behaviour, it also provides an understanding of how the social sciences contribute to human movement and performance. Students have the opportunity to do experiential education internships in a community venue, or do a research project supervised by faculty. This degree can lead to admission to graduate studies in human kinetics and advanced degrees in allied health and rehabilitation sciences such as physiotherapy and occupational therapy, medicine, or chiropractic studies. Potential additional certifications: College of Kinesiologists of Ontario (Registered Kinesiologist), Canadian Society for Exercise Physiology (Certified Personal Trainer, Certified Exercise Physiologist).

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: Occupational participation: interaction between the person, their occupations and their environment;
- Theme 2: Fundamental principles for the practice as an occupational therapist (being a professional);
- Theme 3: Knowledge of health conditions and interventions - occupational therapist and the team;
- Theme 4: Occupational therapy practice: assessment and intervention approaches to promote occupational participation;
- Theme 5: Critical evaluation of knowledge;
- Theme 6: Knowledge integration.

Program Requirements

For the most accurate and up to date information on admission requirements, please visit the program prerequisites (https://www2.uottawa.ca/study/undergraduate-studies/program-prerequisites/) webpage.

Honours Bachelor of Science in Human Kinetics

Compulsory courses at the 1000 level

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANP 1505</td>
<td>Anatomie humaine et physiologie I</td>
<td>3</td>
</tr>
<tr>
<td>APA 1702</td>
<td>Sociologie du sport et de l’activité physique au Canada</td>
<td>3</td>
</tr>
<tr>
<td>APA 1713</td>
<td>Anatomie du système locomoteur</td>
<td>3</td>
</tr>
<tr>
<td>BIO 1530</td>
<td>Introduction à la biologie des organismes</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>
</tr>
<tr>
<td>CHM 1721</td>
<td>Chimie organique I</td>
<td>3</td>
</tr>
<tr>
<td>FRA 1710</td>
<td>Analyse, écriture et argumentation I</td>
<td>3</td>
</tr>
<tr>
<td>MAT 1730</td>
<td>Calcul différentiel et intégral pour les sciences de la vie I</td>
<td>3</td>
</tr>
<tr>
<td>PHY 1721</td>
<td>Principes de physique I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1501</td>
<td>Introduction à la psychologie : fondements</td>
<td>3</td>
</tr>
</tbody>
</table>

Compulsory courses at the 2000 level

- APA 2514 Analyse biomécanique du mouvement humain 3 Units
- APA 2520 Apprentissage et contrôle moteur 3 Units
APA 2540  Introduction au sport et à la psychologie de l'exercice  3 Units
APA 2580  Méthodes de recherche en sciences de l'activité physique  3 Units
APA 2701  Physiologie de l'exercice I  3 Units
APA 2714  Techniques de laboratoire en physiologie de l'exercice et en biomécanique  3 Units

Compulsory courses at the 3000 level
APA 3520  Laboratoire de psychomotricité  3 Units
APA 3781  Mesure et analyse des données quantitatives en sciences de l'activité physique  3 Units

Optional courses
3 optional course units from:

- ANP 1507  Anatomie humaine et physiologie III  3 Units
- BIO 2510  Physiologie environnementale  3 Units
- BIO 2533  Génétique  3 Units
- CHM 2520  Chimie organique II  3 Units

3 optional course units from:

- APA 1522  L’activité physique dans une perspective de santé mondiale  3 Units
- APA 1702  Sociologie du sport et de l'activité physique au Canada  3 Units
- LSR 1500  Introduction à l’étude du loisir  3 Units
- APA 2534  Administration des services de loisir, de sport et d’activité physique  3 Units
- APA 2702  Histoire du sport et de l’activité physique au Canada  3 Units

27 optional course units in human kinetics (APA) at the 3000 or 4000 level  27 Units

Total: 90 Units

Master of Health Sciences Occupational Therapy

Requirements for this program have been modified. Please consult the 2022-2023 calendars for the previous requirements.

Master’s with Coursework

Compulsory courses

ERG 5531  Concepts fondamentaux en ergothérapie : personne, occupation et environnement  3 Units
ERG 5532  Occupations dans une perspective développemente  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  Perpectives 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 développemente  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
### 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 ([link](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 ([link](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 ([link](http://www.cnfs.ca/english/)) (CNFS) can help with travel costs for clinical placements.

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### 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 Master’s 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.

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### Clinical placements

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ERG 5901</td>
<td>Clinical Placement in Occupational Therapy I</td>
<td></td>
</tr>
<tr>
<td>ERG 5902</td>
<td>Clinical Placement in Occupational Therapy II</td>
<td></td>
</tr>
<tr>
<td>ERG 5903</td>
<td>Clinical Placement in Occupational Therapy III</td>
<td></td>
</tr>
<tr>
<td>ERG 5904</td>
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</tr>
<tr>
<td>ERG 5905</td>
<td>Clinical Placement in Occupational Therapy V</td>
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</tbody>
</table>

**Total:** 60 Units

**Note(s)**

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