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 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, private clinics 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 and clinical practice as an occupational therapist at the time of admission can follow the accelerated program, which leads to a master’s degree after one year (three terms).

The objectives of the program are achieved through successful completion of theoretical and practical courses, integration seminars and clinical 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 webpage.

Requirements for this program have been modified. Please consult the 2023-2024 calendars for the previous requirements.

Honours Bachelor of Science in Human Kinetics

Compulsory courses at the 1000 level

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>
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</table>

### Compulsory courses at the 2000 level

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>PSY 1501</td>
<td>Introduction à la psychologie : fondements</td>
<td>3</td>
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### Compulsory courses at the 3000 level

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>APA 2514</td>
<td>Analyse biomécanique du mouvement humain</td>
<td>3</td>
</tr>
<tr>
<td>APA 2520</td>
<td>Apprentissage et contrôle moteur</td>
<td>3</td>
</tr>
<tr>
<td>APA 2540</td>
<td>Introduction au sport et à la psychologie de l'exercice</td>
<td>3</td>
</tr>
<tr>
<td>APA 2580</td>
<td>Méthodes de recherche en sciences de l'activité physique</td>
<td>3</td>
</tr>
<tr>
<td>APA 2701</td>
<td>Physiologie de l'exercice I</td>
<td>3</td>
</tr>
<tr>
<td>APA 2714</td>
<td>Techniques de laboratoire en physiologie de l'exercice et en biomécanique</td>
<td>3</td>
</tr>
</tbody>
</table>

### Optional courses

3 optional course units from:

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

3 optional course units from:

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

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

**Total:** 90 Units

### Master of Health Sciences Occupational Therapy

#### Master's with Coursework

**Compulsory courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ERG 5512</td>
<td>Anatomie et éléments du mouvement pour la participation occupationnelle</td>
<td>3</td>
</tr>
<tr>
<td>ERG 5525</td>
<td>Exploration de la participation occupationnelle</td>
<td>3</td>
</tr>
<tr>
<td>ERG 5526</td>
<td>Analyse de la participation occupationnelle</td>
<td>1.5</td>
</tr>
<tr>
<td>ERG 5527</td>
<td>Participation occupationnelle de l'enfant et l'adolescent</td>
<td>1.5</td>
</tr>
<tr>
<td>ERG 5528</td>
<td>Aspects sociopolitiques de la participation occupationnelle</td>
<td>3</td>
</tr>
<tr>
<td>ERG 5714</td>
<td>Principes généraux du processus de pratique ergothérapique</td>
<td>3</td>
</tr>
<tr>
<td>ERG 5722</td>
<td>Perspectives théoriques et modèles en ergothérapie</td>
<td>3</td>
</tr>
</tbody>
</table>

### Optional courses

3 optional course units from:

- 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 5745 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
- ERG 6755 Séminaire de recherche | 3 Units
- ERG 6761 Séminaire d'intégration des acquis en ergothérapie | 3 Units

**Seminars**

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

**Clinical placements**

1. ERG 5901 Clinical Placement in Occupational Therapy I
2. ERG 5902 Clinical Placement in Occupational Therapy II
3. ERG 6903 Clinical Placement in Occupational Therapy III
4. ERG 6904 Clinical Placement in Occupational Therapy IV
5. ERG 6905 Clinical Placement in Occupational Therapy V

**Total:** 60 Units

### Note(s)

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

### Master's with Coursework and Research Project

**Compulsory courses**

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### Clinical placements

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3. ERG 6903 Clinical Placement in Occupational Therapy III
4. ERG 6904 Clinical Placement in Occupational Therapy IV
5. ERG 6905 Clinical Placement in Occupational Therapy V

**Total:** 60 Units

Failing the repeated course or clinical placement is considered a second failure. Will not be possible to complete the program within the prescribed time. In this case, it will not be possible to start a clinical placement 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. If you are dismissed from a clinical placement by the clinical organization, you will receive a failing grade for this clinical placement.

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

Attendance at 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.” If you are dismissed from a clinical placement by the clinical organization, you 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. You may be assigned to a local or out-of-area clinical placement. In some cases, the Consortium National de Formation en Santé (http://www.cnfs.ca/) (CNFS) may cover part of the travel costs for out-of-area clinical placements.

Duration of the Program
The program normally runs over 6 consecutive full-time terms. All program requirements are expected to be complete, including the placements and the Research Project (ERG 6755 or ERG 6920), within this two-year period.

Expected Professional Behaviour
You must comply with the requirements of integrity as well as professional ethics in all aspects of your program (courses, clinical placements, projects) during your interactions with colleagues, professors, clinical supervisors, clients, research participants, academic staff, etc. A list of essential skills and qualifications of occupational therapy can be found here (https://www.uottawa.ca/faculty-health-sciences/sites/g/files/bhrsksd346/files/2021-12/fhs-rehabilitation-essential-skills-occupational-therapy.pdf).

Requirements for Clinical Placements
You must adhere to the requirements established by the Faculty of Health Sciences Requirements for practical learning activities (https://www.uottawa.ca/faculty-health-sciences/sites/g/files/bhrsksd346/files/2021-12/fhs-rehabilitation-essential-skills-occupational-therapy.pdf) (courses, labs, internships and clinical placements) regarding immunizations, police records and any other training or information required to ensure health and safety in clinical placement settings. It is your 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 placement.

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

Two failures (course or clinical placement) result in withdrawal from the program. In the case of a single failure, the failed course or clinical placement can be repeated the next time the course is offered, but registration for courses or clinical placements for which the failed course or clinical placement is a prerequisite will not be possible. In this case, it will not be possible to complete the program within the prescribed time. Failing the repeated course or clinical placement is considered a second failure.