

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.

Occupational therapists work collaboratively with individuals and groups of individuals to help people engage or re-engage in the activities that are important to them ("occupations"). Occupational therapists are experts in occupation. They help individuals and groups of individuals to identify and prioritize their occupations. They collaboratively explore the supports and barriers to engaging in these occupations and work with individuals and groups of individuals as they identify and implement ways to engage in these occupations despite physical, cognitive, or emotional challenges.

The Master of Health Science in Occupational Therapy at the University of Ottawa is designed for those dedicated to improving well-being through holistic, evidence-based care. This program offers comprehensive training, hands-on experience, and theoretical knowledge to prepare students for impactful roles across various settings. The program emphasizes equitable occupational participation and effective work in bilingual and multicultural environments, aligning with its mission to serve minority Francophone communities.

Graduates of the University of Ottawa's occupational therapy program are equipped to become leaders who will impact their community by advancing knowledge, building relationships to promote diversity and equity, and fostering opportunities for occupational participation for all.

The occupational therapy program meets the standards developed by the Canadian Association of Occupational Therapists (CAOT). These national standards ensure the quality of professional education. In addition to the coursework, students complete 1,000 hours of clinical training in Ottawa-area hospitals, schools, community organizations, private clinics and rehabilitation centres or at locations outside the National Capital Region.

This limited capacity enrolment program is completed over six consecutive full-time study terms, including placements.

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 among 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: collaborating to promote occupational participation;
- Theme 5: Critical evaluation of knowledge;
- Theme 6: Knowledge integration.

Admission and Retention Requirements

- Admission to a dual fast-track degree program does not guarantee entry into the master's program.
- The minimum cumulative grade point average required for good academic standing is 8.5.
- By the end of February of the 3rd year of study:
 - Have passed a language proficiency test in the official language other than the language of instruction at the undergraduate degree.¹ AND
 - Have a satisfactory score on a personal characteristics test (Computer-Based Assessment for Sampling Personal Characteristics (CASPer)).^{1,2}

¹

Candidates are responsible for any fees associated with the CASPer and language test.

²

The CASPer exam can be completed in either French or English, depending on the candidate's preference.

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.

Requirements for this program have been modified. Please consult the 2024-2025 (<http://catalogue.uottawa.ca/en/archives/>) calendars for the previous requirements.

The minimum C.G.P.A. required for good academic standing is 8.5.

Honours Bachelor of Science in Human Kinetics

Compulsory courses at the 1000 level

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| ANP 1505 | Anatomie humaine et physiologie I | 3 Units |
| APA 1702 | Sociologie du sport et de l'activité physique au Canada | 3 Units |
| APA 1713 | Anatomie du système locomoteur | 3 Units |
| BIO 1530 | Introduction à la biologie des organismes | 3 Units |
| BIO 1540 | Introduction à la biologie cellulaire et moléculaire | 3 Units |
| CHM 1711 | Principes de chimie | 3 Units |
| CHM 1721 | Chimie organique I | 3 Units |
| FRA 1710 | Analyse, écriture et argumentation I | 3 Units |
| MAT 1730 | Calcul différentiel et intégral pour les sciences de la vie I | 3 Units |
| PHY 1721 | Principes de physique I | 3 Units |
| PSY 1501 | Introduction à la psychologie : fondements | 3 Units |

Compulsory courses at the 2000 level

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| 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

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| 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: 3 Units

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

3 optional course units from: 3 Units

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| 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 27 Units

Total: 90 Units

Master of Health Sciences Occupational Therapy

Master's with Coursework

Compulsory courses

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| ERG 5512 | Anatomie et éléments du mouvement pour la participation occupationnelle | 3 Units |
| ERG 5525 | Exploration de la participation occupationnelle | 3 Units |
| ERG 5526 | Analyse de la participation occupationnelle | 1.5 Units |
| ERG 5527 | Participation occupationnelle de l'enfant et l'adolescent | 1.5 Units |
| ERG 5528 | Aspects sociopolitiques de la participation occupationnelle | 3 Units |
| ERG 5714 | Principes généraux du processus de pratique ergothérapique | 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 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 placements¹ | | |
| 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 | |

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| 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.

Master's with Coursework and Research Project**Compulsory courses**

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| ERG 5512 | Anatomie et éléments du mouvement pour la participation occupationnelle | 3 Units |
| ERG 5525 | Exploration de la participation occupationnelle | 3 Units |
| ERG 5526 | Analyse de la participation occupationnelle | 1.5 Units |
| ERG 5527 | Participation occupationnelle de l'enfant et l'adolescent | 1.5 Units |
| ERG 5528 | Aspects sociopolitiques de la participation occupationnelle | 3 Units |
| ERG 5714 | Principes généraux du processus de pratique ergothérapique | 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 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 |
| Seminar | | |
| ERG 6761 | Séminaire d'intégration des acquis en ergothérapie | 3 Units |

Research project

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| ERG 6920 | Individual Research Project | 6 Units |
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Clinical placements¹

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| ERG 5901 | Clinical Placement in Occupational Therapy I | |
| ERG 5902 | Clinical Placement in Occupational Therapy II | |
| ERG 6903 | Clinical Placement in Occupational Therapy III | |

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| ERG 6904 | Clinical Placement in Occupational Therapy IV | |
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| ERG 6905 | Clinical Placement in Occupational Therapy V | |
| Total: | | 63 Units |

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.

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/clinical-education/>) (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.

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

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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.

All students are expected to have placements in both majority English-speaking settings and in majority French-speaking settings.