

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 (<https://www2.uottawa.ca/study/undergraduate-studies/program-prerequisites/>) webpage.

Requirements for this program have been modified. Please consult the 2023-2024 (<http://catalogue.uottawa.ca/en/archives/>) calendars for the previous requirements.

Honours Bachelor of Science in Human Kinetics

Compulsory courses at the 1000 level

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

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: 3 Units

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

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

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 placements ¹

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.

Master's with Coursework and Research Project

Compulsory courses

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
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Research project

ERG 6920	Individual Research Project	6 Units
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Clinical placements ¹

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: **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 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.