

# UNDERGRADUATE MEDICAL EDUCATION (MD PROGRAM) AND DOCTORATE IN PHILOSOPHY BIOCHEMISTRY

## Undergraduate Medical Education (MD Program)

The program leading to the Doctor of Medicine degree includes 147 weeks of instruction (72 weeks of which are devoted to clinical work) scheduled over four calendar years.

Preclerkship is devoted to the teaching and learning of biomedical sciences, whereas Clerkship is devoted to clinical work. During medical studies, students should demonstrate the intelligence, the integrity, and the personal and emotional characteristics deemed necessary for competent physicians. Their behaviour must be consistent with an acceptable code of professional ethics, such as stated in the Faculty's Standards of Ethical and Professional Behaviour.

This program is offered in English and in French.

## Program Contact Information

Undergraduate Medical Education (<https://med.uottawa.ca/undergraduate/>)

451 Smyth Road, Room 2046  
Ottawa, ON K1H 8M5

Tel.: 613-562-5800 ext. 8551  
Toll free: 1-877-868-8292 ext. 8551  
Email: [medaca@uottawa.ca](mailto:medaca@uottawa.ca)

## Doctorate in Philosophy Biochemistry

The programs prepare candidates for a variety of careers in teaching and research both within and outside of academia.

Graduate students are actively involved in laboratory research, course work, and presentation of research seminars. Thus, they acquire autonomy in conducting research and in preparing publications.

The programs create a stimulating and challenging environment which will allow students to achieve excellence in research. Graduates of the programs must demonstrate research skills and credibility as professionals in their area of research.

The Department is a participating unit in the following collaborative programs: the Bioinformatics program (at the master's level), the Human and Molecular Genetics program (at the master's and doctoral levels), and the Pathology and Experimental Medicine program (at the master's and doctoral levels).

## Program Contact Information

Graduate Studies Office, Faculty of Medicine (<https://med.uottawa.ca/graduate-postdoctoral/>)

451 Smyth Road, Room 2016

Ottawa, ON, K1N 6N5

Tel.: 613-562-5215

Toll free: 1-877-868-8292 ext. 5215

Email: [grad.med@uottawa.ca](mailto:grad.med@uottawa.ca)

Twitter | Faculty of Medicine (<https://twitter.com/uOttawaMed/>)

Youtube | Faculty of Medicine (<https://www.youtube.com/channel/UCP2nDlrjFEetyfMiOmle2HA/>)

Flickr | Faculty of Medicine (<https://www.flickr.com/photos/uottawamed/>)

## Program Requirements

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

## Undergraduate Medical Education (MD Program)

### Compulsory courses at the 1000 level

ELE 1900 Clinical Placement - Non Mandatory Elective - First Year

MED 1107 Community Week

MED 1200 Introduction Unit to the Profession

MED 1201 Foundations Unit

MED 1202 Unit I

MED 1302 Physician Skills Development (Part 1)

### Compulsory courses at the 2000 level

CLI 2101 Transition to Clerkship Part 1

ELE 2900 Clinical Placement - Non Mandatory Elective - Second Year

MED 2109 Mandatory Clinical Week

MED 2201 Unit II

MED 2202 Unit III

MED 2203 Unit IV

MED 2302 Physician Skills Development (Part 2)

### Compulsory courses at the 3000 level

CLI 3102 Surgery

CLI 3103 Internal Medicine

CLI 3104 Mandatory Selectives

CLI 3106 Obstetrics and Gynecology

CLI 3107 Pediatrics

CLI 3108 Psychiatry

CLI 3109 Family Medicine

CLI 3110 Acute Care Medicine

CLI 3111 Objective Structured Clinical Examination (OSCE)

CLI 3301 Transition to Clerkship Part 2

### Compulsory courses at the 4000 level

CLI 4104 Electives

CLI 4105 Transition to Residency

CLI 4106 Selective in Ambulatory Medicine

MED 4101 Eportfolio on Core Competencies (Part 1)

MED 4102 Eportfolio on Core Competencies (Part 2)

MED 4103 Eportfolio on Core Competencies (Part 3)

MED 4104 Eportfolio on Core Competencies (Part 4)

## Doctorate in Philosophy Biochemistry

Students must meet the following requirements:

### Compulsory Courses: <sup>1</sup>

MED 8166 Professionalism and Professional Skills

6 optional course units in biochemistry (BCH) or chemistry (CHM) from the approved list at the 8000 level <sup>2</sup> 6 Units

### Seminar:

BCH 8366 PhD Seminar <sup>3</sup> 3 Units

### Comprehensive Examination:

BCH 9998 Comprehensive-Examination (PhD)

### Thesis:

THD 9999 Doctoral Thesis <sup>4, 5</sup>

Note(s)

1

The Department may require students to take additional courses, depending on their backgrounds.

2

The optional course units may be selected from other approved graduate courses in related disciplines approved by the Department.

3

This requirement involves the presentation of a seminar and regular attendance at the departmental seminars.

4

Successful presentation and defense of a thesis based on original research carried out under the direct supervision of a faculty member of the Department.

5

Students are responsible for ensuring they have met all of the thesis requirements (<http://www.uottawa.ca/graduate-studies/students/theses/>).

## Minimum Requirements (Doctorate)

The passing grade in all courses is C+.

Students who fail 6 units, the thesis proposal, or the comprehensive exam or whose research progress is deemed unsatisfactory must withdraw from the program.