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

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
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

This is a copy of the 2022-2023 catalog.
Doctorate in Philosophy Biochemistry

Students must meet the following requirements:

Compulsory Courses: 1

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MED 8166</td>
<td>Professionalism and Professional Skills</td>
<td>6</td>
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</tbody>
</table>

6 optional course units in biochemistry (BCH) at the 8000 level 2

Seminar:

<table>
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<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 8366</td>
<td>PhD Seminar</td>
<td>3</td>
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</tbody>
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Comprehensive Examination:

BCH 9998 Comprehensive-Examination (PhD)

Thesis:

THD 9999 Doctoral Thesis 4, 5

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.