ideas start here®

school of pharmacy

Doctor of Pharmacy (PharmD) Program
Pharmacists lead patient-centred care

It's an exciting time to become a Canadian pharmacist. The scope of pharmacy professional practice is expanding. Patient-focused pharmaceutical care will increasingly involve comprehensive medication management, prescribing authority, and immunization of patients. Graduates of Waterloo’s School of Pharmacy are prepared for Canada’s evolving health care system and are equipped to launch their careers as medication therapy experts, thanks to the School’s unique training. No other Canadian pharmacy program offers students such a broad range of opportunities – both in and out of the classroom.

What makes Waterloo Pharmacy different?

The only co-op pharmacy program in Canada – Access over 900 pharmacy-related employers throughout the country and beyond. Enhance your learning on paid co-op work terms in a range of settings. Work in community and hospital pharmacies, long-term care facilities, government, the pharmaceutical industry, and/or family health teams.

Integrated business curriculum – Acquire sought-after skills in pharmacy business management, communication, entrepreneurship, and patient service.

Ontario-wide clinical training – Receive 6 full months of supervised clinical training in your final year.

Is Pharmacy right for you?

Successful pharmacists are
» interested in the sciences,
» dedicated to improving people’s health and serving their community,
» effective communicators,
» problem solvers,
» highly attentive to detail, and
» ethical, responsible, and accountable.
**Pharmacists lead patient-centred care**

A Doctor of Pharmacy (PharmD) degree prepares you to become a registered pharmacist (RPh). You must complete a specific set of courses at the university level to qualify for admission into the program. This typically requires you to have been enrolled in a university science program of your choice for a minimum of 2 years.

**Choose your pathway to Pharmacy**

**HIGH SCHOOL**

1. **WATERLOO SCIENCE WITH CAP**

   If you are an outstanding high-school student, Conditional Admission to Pharmacy status can give you pre-admission to Pharmacy and a clear path to becoming a pharmacist. There is competition for these spots (we admit about 25 CAP students each year), but if you succeed, you’ll have a place in the school reserved for you, as long as you continue to meet the requirements.

   - **Apply to** one of the recommended programs at Waterloo (see chart below)
   - **Apply to** CAP
   - **Complete PharmD academic admission requirements at Waterloo**

   **Maintain CAP status**

   **NOW YOU’RE ON YOUR WAY TO BECOMING A REGISTERED PHARMACIST**

   **RECOMMENDED WATERLOO SCIENCE PROGRAMS FOR ADMISSION TO PHARMACY**

   See uwaterloo.ca/science/pharmacy for programs details.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>ADMISSION AVERAGE FROM HIGH SCHOOL</th>
<th>APPROXIMATE TIME TO MEET PHARMACY REQUIREMENTS</th>
<th>REQUIRED - SIX GRADE 12 U OR M COURSES, INCLUDING THESE SPECIFIC COURSES</th>
<th>RECOMMENDED - GRADE 12 U COURSES</th>
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<tbody>
<tr>
<td></td>
<td><strong>REGULAR STREAM</strong></td>
<td><strong>CO-OP STREAM</strong></td>
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<tr>
<td>Honours Science</td>
<td>Low 80s</td>
<td>2 years</td>
<td>Advanced Functions*</td>
<td>Biology, Chemistry, Physics</td>
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<td></td>
<td></td>
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<td>Calculus and Vectors*</td>
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<td></td>
<td>N/A</td>
<td>Grade 12 U English (ENG10U)*</td>
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<td>Any 2 of the following: Biology, Chemistry, Earth and Space Science, Mathematics of Data Management, Physics</td>
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<td>one additional U or M course</td>
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<tr>
<td>Life Sciences – Biology</td>
<td>Low 80s</td>
<td>2 years</td>
<td></td>
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<td></td>
<td></td>
<td>3 years</td>
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<tr>
<td>Life Sciences – Biomedical Sciences</td>
<td>Low 80s</td>
<td>2 years</td>
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<td>N/A</td>
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</tbody>
</table>

* These averages are based on previous years’ entering classes.
* CAP applicants are welcome to apply to a co-op stream; however, confirmed CAP students are automatically moved into a regular stream.
* A minimum of 70% is required in this course.
HOW TO PREPARE

Are you eligible for the Doctor of Pharmacy (PharmD) program?

- You have a minimum 75% university average (based on all post-secondary courses taken).
- You are able to arrange a letter of reference (preferably from a pharmacist).
- You have ideally attained direct work or volunteer experience in a pharmacy setting.
- You have completed, or are taking, the required university courses noted below.

Required courses

To satisfy the course requirements, you’ll normally enrol in a science degree program for a minimum of 2 years. Check uwaterloo.ca/pharmacy/req for updates, as course requirements are subject to change each year.

You can complete the courses at any accredited university, as long as they have been pre-approved by Waterloo.

Biology
- Introductory Cell Biology† (1 term)
- Genetics (1 term)
- Fundamentals of Microbiology (1 term)

Chemistry
- Introductory Chemistry† (2 terms)
- Introductory Biochemistry (1 term)
- Basic Organic Chemistry† (2 terms)

Mathematics
- Calculus (2 terms)
- Introductory Statistics (1 term)

Humanities or Social Sciences
- Any English (1 term) course that requires a significant amount of reading, critical thinking, analysis, and writing.
- 2.0 full credits (4 terms) in Humanities or Social Sciences at the university level. No more than 1.0 credit in any one subject area.

NOTE: One term is equal to 4 months.
† Courses include a lab component.

Typical application process

August - Online applications open
January - Online applications and Admission Information Form (AIF) due
February - Supporting documents due (e.g., transcripts and Letter of Reference Form)
April - Interview invitations sent by email
May - Interviews and Fundamental Skills Assessment (for selected candidates)
June - Admission decisions communicated to all interviewed applicants
June - Deadline to accept Offer of Admission
January - Lectures begin

Are you eligible for Conditional Admission to Pharmacy (CAP)?

CAP eligibility checklist

- You have a ≥90.0% high-school admission average – based on your top 6 grades, including required courses for admission to the Faculty of Science
- You meet published requirements for admission to Waterloo Science
- You demonstrate leadership and community involvement through volunteer or work experience
- You can demonstrate your interest in the pharmacy profession by writing a short personal statement as part of the CAP Admission Information Form (AIF)
- You are able to arrange for two letters of reference: one academic (e.g., teacher, principal, guidance counsellor); one from an employer or volunteer agency
- You demonstrate commitment and responsibility, preferably through work experience (work experience, although preferred, is not an absolute requirement)

Application process

1. Apply for admission to a Waterloo Science program through Ontario Universities’ Application Centre www.ouac.on.ca.
2. Apply for CAP through a separate application process – uwaterloo.ca/pharmacy/cap.

Important CAP dates

After screening applicants using the academic and supplementary information, a select group will be invited for an interview at the School of Pharmacy.

October 6, 2016 - Applications and AIFs available online
January 16, 2017 - Applications due (midnight EST)
February 13, 2017 - AIFs due
March 6, 2017 - 2 references
- English Language Requirements scores (if applicable)
- Non-OSS transcripts due (if applicable)
May 4, 2017 - Applicants selected for interviews are notified via email
May 19-21, 2017 - Interviews at the School of Pharmacy
May 25, 2017 - CAP acceptance decisions communicated to all interviewed applicants
June 1, 2017 - Deadline to accept Offer of Admission

³Applicants not selected for interviews will also be notified by email.