DISCOVER YOUR STORY IN PHARMACY

UNIVERSITY OF WATERLOO
A critical component of our modern health-care system is the proper management of medications. Pharmacists play an increasing and significant role in this work, often on the front lines, ensuring their patients and community receive the care and expertise necessary for a better quality of life.

We all benefit from the services of a qualified and skilled pharmacist. From filling prescriptions, administering vaccinations, or answering questions about a remedy to an ailment, you’ll ensure the safe and effective delivery of drugs. It isn’t about counting pills, it’s about the expertise necessary to ensure your patients feel safe and supported while taking their medications.

With an aging population and increasingly complex range of treatments available to the public, the need for pharmacists has never been more crucial. You’ll play an important role in patient care and will be seen as a leader in the health-care field.

*Let’s explore your story in Pharmacy at Waterloo.*
COMMUNITY AT THE FOREFRONT

SEAN
DOCTOR OF PHARMACY CANDIDATE

Sean, while on one of his co-op terms, stands in front of a medication packaging machine (SynMed), at the Seamless Care Pharmacy. Here he’s been able to provide medications to patients who are part of the vulnerable patients group (including those with mental health disorders, seizure disorders, and many other neurological disorders) in the Oshawa/Peterborough region.

CANADA’S ONLY
co-op Doctor of Pharmacy (PharmD) program

EARN TWO DEGREES
Pursue a Waterloo Science program and graduate with two degrees – Honours Science BSc and PharmD

PHARMACY STUDENTS ARE:
> Creative
> Curious
> Motivated
> Risk-takers
> Community-minded

PHARMACISTS ARE:
> Care providers
> Effective communicators
> Health advocates
> Collaborators
> Professionals
> Leaders and managers

MORE TO EXPLORE
Meet us online for more tips and stories:

UWPharmacy
UWPharmacy
UWPharmacy
PHARMACY PATHWAYS

These are some of the routes available to you once you’ve graduated with your Doctor of Pharmacy degree.

WORK AS A PHARMACIST
Registered pharmacists typically work in community pharmacies, hospitals, family health teams, long-term care facilities, or clinical settings. They oversee patient medication management, administer vaccinations, and consult on a full range of medical care options.

PERFORM CLINICAL RESEARCH
The health-care sector and government agencies need scientists who can explore everything from analyzing molecules to examining populations. Topics of research vary widely, from the cellular mechanisms involved in cancer, to novel drug delivery methods, to the factors that influence pharmacist decision-making.

ATTEND GRADUATE SCHOOL
You can continue your studies and earn a Master of Pharmacy (MPharm) or Master of Science (MSc) in Pharmacy and even a PhD in Pharmacy. Those graduates serve as medication experts in the health-care field, educators in the classroom and clinical settings, as well as researchers who strive for the optimal use of pharmaceuticals.

JOIN A RESIDENCY PROGRAM
Some pharmacists focus their expertise even further by joining a residency program designed specifically for pharmacy. Areas such as ambulatory care, hospital pharmacy, and industry require experienced pharmacists to assist in the training and development of medical staff.

PHARMACY ASSOCIATIONS
pharmacists.ca | opatoday.com
Approximately 25 CAP STATUS SPOTS available each year

CONDITIONAL ADMISSION TO PHARMACY

High school students who are committed to the field of pharmacy have an opportunity for early admission to the University of Waterloo’s Doctor of Pharmacy (PharmD) program through our School of Pharmacy.

You can apply for Conditional Admission to Pharmacy (CAP) status by demonstrating that you’re not only interested in the profession of pharmacy but are also passionate about it. A limited number of spaces to CAP are available each year.

To apply for CAP status, you must first apply for admission to a University of Waterloo Science program (see the chart on page 5 for recommended programs) through the Ontario Universities’ Application Centre (OUAC). You then apply for CAP status through a separate OUAC submission.

If your application is successful, you’ll have a place reserved for you in the PharmD program in two years – as long as you continue to meet the admission requirements.

To view application deadlines and determine if CAP status is the right path for you, visit our website.

uwaterloo.ca/pharmacy/cap

CAP STATUS ELIGIBILITY CHECKLIST

- 90% or higher high school admission average based on the requirements for admission to the recommended University of Waterloo Science programs (see page 5).
- Demonstrated leadership, community involvement, and, if possible, work experience.
- Interest in the profession of pharmacy, as demonstrated through the CAP Admission Information Form (AIF).
- Two letters of reference; one academic (e.g., teacher, principal, or guidance counsellor) and one from an employer or volunteer agency.
- Computer-Based Assessment for Sampling Personal Characteristics (CASPer) completion.

INDIGENOUS APPLICATION PATHWAYS

available for PharmD and CAP status – contact us at pharmacy@uwaterloo.ca
EARNING YOUR DOCTOR OF PHARMACY (PharmD) DEGREE

Our PharmD program prepares you to become a registered pharmacist (RPh). Candidates must complete a specific set of undergraduate courses and requirements to qualify for admission into the program.

UNDERGRADUATE DEGREE

Complete a minimum of two years of university in a Waterloo Science program (see page 5 for recommended programs) or in another university or post-secondary program. Other institutions’ programs are given equal consideration. To ensure the program and/or courses you take meet the requirements, contact pharmacy@uwaterloo.ca.

ACADEMIC PharmD ADMISSION REQUIREMENTS

Minimum university average of 75% required.
› English (reading/critical thinking/analysis/writing) (one term)
› Humanities or social sciences (two terms)
› Introductory cell biology (one term)
› Genetics (one term)
› Microbiology (one term)
› Introductory chemistry (two terms, one lab)
› Introductory biochemistry (one term)
› Organic chemistry (one term)
› Calculus (one term)
› Introductory statistics (one term)

STATE-OF-THE-ART

education and research building, located in Kitchener’s Innovation District (and just an eight-minute light-rail train ride from the University of Waterloo campus)

CO-OP MAKES US UNIQUE

The School of Pharmacy offers you opportunities to work in a variety of real-world pharmacy settings before you graduate. You’ll gain more experience, more professional contacts, and more confidence. With more than 1,000 employers directly related to pharmacy and 30-40 per cent more co-op jobs than students, we ensure a degree that helps you hit the ground running when you’re ready to enter the workforce.

NON-ACADEMIC PharmD ADMISSION REQUIREMENTS

› Direct work or volunteer experience in a pharmacy setting (min. 200 hours’)
› Computer-Based Assessment for Sampling Personal Characteristics (CASPer)
› Admission Information Form (AIF)
› One reference (preferably a pharmacist) via the online reference form
› Interview and Fundamental Skills Assessment (FSA)

For CAP status students only

120

Number of students admitted to the PharmD program each year
Start the PharmD application process in **FALL TERM OF YOUR SECOND YEAR**

**RECOMMENDED UNIVERSITY OF WATERLOO SCIENCE PROGRAMS**

There are 17 majors in the Faculty of Science that lead to a Bachelor of Science (BSc). Of these, only three will give you the flexibility you need to apply to the Doctor of Pharmacy program within two years (listed below). Other majors, like Physics or Biochemistry, may be of interest to you, and we welcome you to apply to them if you’re passionate about the subject, but it will take you more time and possible degree modifications to achieve the academic requirements for Pharmacy admission.

**HONOURS SCIENCE**

Our most flexible science program, Honours Science allows you the most freedom when choosing your science courses (with a few ground rules, of course), and a healthy dose of free electives to achieve your English and humanities/social sciences requirements.

› Available in the regular system of study only

**BIOLOGY (LIFE SCIENCES)**

Studying life and life systems is an obvious choice for those interested in pharmacy and other healthcare professions, so it’s a popular choice. It also has sufficient electives to ensure you can meet the academic requirements of our PharmD program.

› Available in the regular system of study only

› Available in the co-op and regular system of study. If you choose co-op, it will take at least three years to meet the academic requirements for the PharmD program, given that you’ll alternate between academic and work terms.

› For CAP status applicants: you may apply into the co-op program. However, if you are successful in achieving CAP status, you’ll automatically be moved into the regular program of study so that you can enter the PharmD program in two years.

**BIOMEDICAL SCIENCES (LIFE SCIENCES)**

Focus on human and other animal systems and their functions relating to health, disease, and the healing process. This major is specifically designed to meet all of the science requirements for common professional school programs, including the PharmD.

› Available in the regular system of study only

**ADMISSION REQUIREMENTS FOR FACULTY OF SCIENCE UNDERGRADUATE PROGRAMS**

› Advanced Functions (min. 70%)

› Calculus and Vectors (min. 70%)

› English (ENG4U) (min. 70%)

› Any two U-level classes of: Biology, Chemistry, Earth and Space Science, Mathematics of Data Management, or Physics

› One additional U or M course

If you are studying in a high school outside Ontario, you may view the admission requirements for your system of study on our website.

[uwaterrlo.ca/future/admissions/admission-requirements](http://uwaterrlo.ca/future/admissions/admission-requirements)

**LOW 80s**

Admission average to Honours Science, Biology, Biomedical Sciences
ACKNOWLEDGEMENT OF TRADITIONAL TERRITORY

The University of Waterloo acknowledges it is situated on the Haldimand Tract, land granted to the Haudenosaunee of the Six Nations of the Grand River in the Haldimand Treaty of 1784. The Haldimand Tract and surrounding area, including our Stratford campus, is the traditional territory of the Attawandaron, Anishinaabeg, and Haudenosaunee.