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 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 just asking about a remedy to an ailment, pharmacists ensure the safe and effective delivery of drugs. It isn’t about counting pills, it’s the expertise necessary to ensure 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. Pharmacists play an important role in patient care and are seen as leaders in the health care field.

**THE PHARMACIST’S ROLE IN HEALTH CARE**

*BEYOND PRESCRIPTIONS*

**A prescription for success**

**FUNDAMENTAL SKILLS OF A PHARMACIST**

- Care provider
- Effective communicator
- Health advocate
- Collaborator
- Professional
- Leader and/or manager

48 weeks co-op work + 24 weeks clinical rotation = **72 WEEKS OF CAREER-BUILDING EXPERIENCE**

uwaterloo.ca/pharmacy
THERE ARE MANY PATHS AVAILABLE ONCE YOU GRADUATE WITH YOUR DOCTOR OF PHARMACY DEGREE.

WORKING 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.

INVOLVEMENT IN CLINICAL RESEARCH
The health care sector and government agencies need the expertise of skilled scientists who can explore everything from analyzing molecules to examining populations. Topics of research are varied, such as the cellular mechanisms involved in cancer, novel drug delivery methods, or the factors that influence pharmacist decision-making.

ATTEND GRADUATE SCHOOL
Students can continue to study the latest research and engage with faculty to earn either their Master of Pharmacy (MPPharm) or Master of Science (MSc) in Pharmacy, and even a Doctor of Philosophy (PhD) in Pharmacy. Those who choose this path will serve as medication experts in the health care field, distinguished 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

High school students who are committed to the field of pharmacy and wish to join the growing ranks of skilled registered pharmacists have an opportunity to be admitted to the University of Waterloo’s Doctor of Pharmacy (PharmD) program through our School of Pharmacy.

Students who wish to apply for Conditional Admission to Pharmacy (CAP) status must demonstrate that they are not only interested in the profession of pharmacy, but are also passionate about it. There are limited spaces available and the School is committed to admitting students who can demonstrate this ambition.

To apply for CAP status, you must first apply for admission to a University of Waterloo science program (see the chart on page five) through the Ontario Universities’ Application Centre (OUAC). Then you apply for CAP status through a separate OUAC application.

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

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

uwaterloo.ca/pharmacy/cap

There are currently 10 SCHOOLS IN CANADA that offer the Doctor of Pharmacy degree

There are approximately 25 CAP STATUS SPOTS available each year

INDIGENOUS
application pathways available for PharmD and CAP status

pharmacy@uwaterloo.ca
EARNING YOUR DOCTOR OF PHARMACY DEGREE

Our Doctor of Pharmacy (PharmD) program prepares you to become a registered pharmacist (RPh). Specific courses must be completed to qualify for admission, which typically requires enrolment in a university program for a minimum of two years.

THE APPLICATION PROCESS

COMPLETE NON-ACADEMIC ADMISSION REQUIREMENTS

- Direct work or volunteer experience in a pharmacy setting (minimum 200 hours)*
- Complete Computer-Based Assessment for Sampling Personal Characteristics test (CASPer)
- Submit the PharmD application, Admission Information Form (AIF), and provide one reference (preferably a pharmacist) via the online reference form
- Complete the interview, and Fundamentals Skill Assessment (FSA)

COMPLETE ACADEMIC ADMISSION REQUIREMENTS

Minimum university average of 75% required.

REQUIRED COURSES

- Introductory Cell Biology** (one term)
- Genetics (one term)
- Microbiology (one term)
- Introductory Chemistry** (two terms)
- Introductory Biochemistry (one term)
- Organic Chemistry** (two terms)
- Calculus (two terms)
- Introductory Statistics (one term)
- English (reading/critical thinking) (one term)
- Humanities or Social Sciences (four terms; two terms max in any one subject area)

RECOMMENDED SCIENCE PROGRAMS

There are many science programs offered by the University of Waterloo, and every program will provide you with the high-quality education you can expect from a world-class university.

Three specific programs will give you the flexibility you need to apply into the PharmD program in your second year. We encourage you to research the programs that most interest you, but keep in mind that other programs or majors will take more than two years to meet the requirements.

- **Honours Science**
  - Our most flexible science program, Honours Science allows you the freedom of discovery by choosing which science courses are of greatest interest (with a few ground rules, naturally). This program's course flexibility is the easiest way to ensure you meet all of the academic requirements for the professional school of your choice while earning your Honours Bachelor of Science degree.
  - Available in the regular stream of study only.

- **LIFE SCIENCES - BIOLOGY**
  - The study of life is an obvious choice for those interested in pharmacy.
  - Biology, as a major within the Life Sciences entry program, has sufficient flexibility (think electives) to ensure you can meet the academic requirements of our PharmD program, or any other health profession school you wish to apply to.
  - Available in both the co-op and regular stream of study. If you choose co-op, it will take you three years to meet the academic requirements for the PharmD program. If you are successful in achieving CAP status, you'll be moved into the regular stream of study.

- **LIFE SCIENCES - BIOMEDICAL SCIENCES**
  - The Biomedical Sciences major, within the Life Sciences entry program, focuses on human and other animal systems with respect to their functions as they relate to health, disease, and the healing process. With plenty of flexibility built into the program, it’s a good choice for reaching your health profession goals.
  - Available in the regular stream of study only.

- REQUIRED HIGH SCHOOL COURSES FOR ENTRY INTO THESE FACULTY OF SCIENCE UNDERGRADUATE PROGRAMS

- Advanced Functions (min. 70%)
- Calculus and Vectors (min. 70%)
- Grade 12 U English (ENG4U) (min. 70%)
- Any 2 of: Biology, Chemistry, Earth and Space Science, Mathematics of Data Management, Physics

- One additional U or M course

- LOW 60s ADMISSION AVERAGE FOR:

- HONOURS SCIENCE
- BIOLOGY
- BIOMEDICAL SCIENCES

(based on previous years’ entering classes and subject to change)

Co-op makes us unique

The School of Pharmacy offers you real-world learning – opportunities to work in a variety of pharmacy settings before you graduate, giving you 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 are ready to enter the workforce.

The School of Pharmacy is housed in a state-of-the-art education and research building, located in Kitchener’s Innovation District.

120 number of students admitted into the PharmD program each year
ACKNOWLEDGEMENT OF TRADITIONAL TERRITORY

We acknowledge that the University of Waterloo is located on the traditional territory of the Neutral, Anishnaabeg, and Haudenosaunee people. The University is situated on the Haldimand Tract, the land promised to the Six Nations that includes 10 kilometres on each side of the Grand River.