



CUTTING-EDGE TECHNOLOGY  
AND FACILITIES

ONE OF THE TOP CANADIAN  
PHARMACY PROGRAMS

# FACULTY OF HEALTH SCIENCES

## College of Pharmacy

**Bachelor of Science in Pharmacy, Master's and PhD programs available**

Our college is one of the top-ranked pharmacy programs in Canada. The program is located on the Bannatyne campus, which means you'll work and study alongside Medicine, Rehabilitation Sciences and Dentistry students. This close collaboration results in exciting research opportunities and a better understanding of how various health-care professions work together to promote and improve the health of individuals and communities.

With the constant development of new drug therapies, pharmacists are on the cutting-edge of research and health care delivery. You will have access to the latest in technology and facilities to help you prepare for this exciting career.

### YOUR FUTURE STARTS HERE

**First-year required courses include biology, calculus and chemistry.**

### AREAS OF FOCUS

Skills Labs / Medicinal Chemistry /  
Pharmaceuticals / Clinical Pharmacy /  
Pharmacology / Toxicology / Structured  
Practical Experiential Program

### CAREERS INCLUDE

Community Pharmacist / Government  
Consultant / Health Sciences Researcher /  
Hospital Pharmacist / Pharmaceutical  
Industry Professional

(√) Advanced entry / **Length:** 4-yr (+ 1 yr undergraduate studies) / **Intake:** 55

#### COLLEGE OF PHARMACY

p. 204-474-9306 / e. [pharmacy@umanitoba.ca](mailto:pharmacy@umanitoba.ca)  
[umanitoba.ca/pharmacy](http://umanitoba.ca/pharmacy)

Faculty of  
Health Sciences



UNIVERSITY  
OF MANITOBA

## HIGH SCHOOL PREREQUISITES:

Biology 40S, Chemistry 40S, Math 40S (Pre-Calculus) Min. 60%

## UNIVERSITY COURSE REQUIREMENTS

| Course #  | Course Name                                     | Credit Hours |
|---|---|--------------|
| CHEM 1300   | Structure and Modelling in Chemistry            | 3            |
| CHEM 1310   | An Introduction to Physical Chemistry           | 3            |
| BIOL 1020   | Biology: Principles and Themes                  | 3            |
| BIOL 1030   | Biological Diversity, Function and Interactions | 3            |
| MATH 1500 or  | Introduction to Calculus                        | 3            |
| MATH 1510 or  | Applied Calculus 1                              |              |
| MATH 1520   | Intro Calculus for Management & Social Sciences | 3            |
| <b>*Faculty of Arts Courses</b>   |   | <b>6</b>     |
| <b>Open Electives (Any Faculty)</b>   |   | <b>9</b>     |
| <b>The core courses and electives must total 30 credit hours</b>  |   | <b>30</b>    |
| <i>Electives must include a 3 credit hour course which will meet the University's Written English (W) requirement. 0930 level courses are NOT acceptable as electives or as satisfying the "W" requirement.</i> |   |              |

## ACADEMIC REQUIREMENTS

Students must:

- complete the required courses as listed above (core courses and electives) with no grade less than a "C",
- complete at least one regular session (September-April) containing a minimum of 24 credit hours of university level degree-credit courses, with no grade less than a "C",
- achieve an AGPA of 3.50 or higher,
- score a "15" or higher in the written critical skills essay.

## APPLICATION PROCESS

Application forms are available online at [umanitoba.ca/student/admissions](http://umanitoba.ca/student/admissions). Ensure that you carefully read the current Applicant Information Bulletin at the time of application.

## DEADLINE DATES TO REMEMBER

### Fall (September) Admission

|         |   |
|---------|---|
| March 1 | FALL (September) ADMISSION FINAL APPLICATION DEADLINE |
| June 1  | Transcripts to Admissions Office                      |



## SELECTION

All eligible applicants are ranked for selection using an overall score according to the following criteria:

- **Adjusted Grade Point Average (AGPA) 70%**
- **A written Critical Skills Essay 30%**

The Adjusted Grade Point Average will be calculated as follows: (0.4 x the core course average) PLUS (0.6 x the cumulative GPA).

Notes:

- The cumulative GPA will be based on all courses completed at the university level including the original grades of all repeated courses taken within the past ten years.
- In the core course average calculation, only one three credit hour core course can be repeated. The grade obtained on the second attempt will be substituted in the calculation of the core course average. If more than one core course is repeated, the repeated grade chosen for the core course average calculation will be the one giving the applicant the greatest advantage. In all other cases of repeated core courses, the grade obtained on the initial attempt will be used.

## STEPS TO BECOME A LICENSED PHARMASIST IN CANADA

- Possess strong communication skills in English or French
- Complete a bachelor's degree in Pharmacy from an accredited Canadian university
- Successful completion of the national board examinations
  - Pharmacy Examining Board of Canada (PEBC)
  - Objective Structured Clinical Examination (OSCE)
- Complete an internship program (in Manitoba it's done through the College of Pharmacists of Manitoba)