

# PHARMACY, PHARM.D.

## Overview/Entrance Requirements

### Program and Graduation Requirements

#### Student Responsibility

Students are advised to carefully review the College of Pharmacy chapter of the Undergraduate Calendar to ensure compliance with degree program requirements.

It is the student's responsibility to know all relevant regulations, policies and practices.

Final completion of degree requirements is the responsibility of the student.

The University of Manitoba Registration System is not a degree audit system and the onus is on students to make sure they are selecting courses appropriate to their academic program.

#### Registration Assistance

If you have questions or problems with your registration you can contact the Aurora Student Help Line at (204) 474-9420, or call the College of Pharmacy Dean's Office at (204) 474-9306.

## Degree Requirements

### Course Information by Year: Doctor of Pharmacy (PharmD)

Course	Title	Hours
<b>Year 1</b>		
ANAT 1030	Human Anatomy	3
PHAC 2100	Pharmacology	6
PHMD 1000	Introduction to Professional Practice	1
PHMD 1002	Applied Pharmacy Practice Lab 1	4
PHMD 1004	Introduction to Pharmacotherapy Literature	1
PHMD 1006	Pharmacy Informatics	1
PHMD 1008	Medicinal Chemistry	4
PHMD 1010	Applied Pathophysiology	4
PHMD 1012	Extemporaneous Pharmaceutical Compounding	3
PHMD 1014	Clinical Therapeutics 1	3
PHMD 1016	Pharmaceutics	3
PHMD 1040	Service Learning / IPE 1	1
<b>Hours</b>		<b>34</b>
<b>Year 2</b>		
BGEN 2010	Applied Nutrition for Pharmacy Practice	2
PHMD 2000	Drug Delivery	3
PHMD 2004	Critical Appraisal of Pharmacotherapy Literature 1	4
PHMD 2006	Applied Biopharmaceutics and Pharmacokinetics	3
PHMD 2008	Pharmacy Law	1
PHMD 2010	Principles of Biotechnology	2
PHMD 2012	Pharmacogenetics	2
PHMD 2016	Clinical Pharmacokinetics - Pharmacodynamics	3

PHMD 2020	Introductory Pharmacy Practice Experience - Community	4
PHMD 2022	Applied Pharmacy Practice Lab 2-1	2
PHMD 2024	Applied Pharmacy Practice Lab 2-2	2
PHMD 2026	Clinical Therapeutics 2-1	4
PHMD 2028	Clinical Therapeutics 2-2	4
PHMD 2030	Introductory Pharmacy Practice Experience - Hospital	4
PHMD 2040	Service Learning / IPE 2	1
<b>Hours</b>		<b>41</b>
<b>Year 3</b>		
PHMD 3002	Applied Pharmacy Practice Lab 3	4
PHMD 3004	Critical Appraisal of Pharmacotherapy Literature	2
PHMD 3006	Advanced Clinical Therapeutics	6
PHMD 3008	Concepts of Integrative Medicine	2
PHMD 3010	Pharmacy Management	4
PHMD 3012	Applied Professional Practice	3
PHMD 3014	Clinical Therapeutics 3	8
PHMD 3016	Toxicology of Medications and Drugs of Abuse	2
<b>Hours</b>		<b>31</b>
<b>Year 4</b>		
PHMD 4010		6
PHMD 4020	Advanced Pharmacy Practice Experience-Community	8
PHMD 4030	Advanced Pharmacy Practice Experience-Hospital	8
PHMD 4040	Advanced Pharmacy Practice Experience-Primary Care	8
PHMD 4060	Advanced Pharmacy Practice Experience-Elective	8
<b>Hours</b>		<b>38</b>
<b>Total Hours</b>		<b>144</b>