

Pharmacy, Pharm.D. (Doctor of Pharmacy)



University of Wyoming, 2016-17

The pharmacy curriculum at the University of Wyoming begins with a two-year preprofessional program followed by the four-year professional program that appears below. Please see the Pharmacy-Preprofessional Program Curriculum for specific course requirements for the preprofessional program. Students are allowed to take the professional program courses that appear below only after they have been fully admitted to the UW School of Pharmacy.

Admission to the professional program leading to the entry-level Pharm.D. degree is limited to 52 students per year and is highly competitive. Students are admitted to the professional program following a preprofessional program of not less than two years in length. The UW School of Pharmacy requires scores for the Pharmacy College Admissions Test (PCAT) from all applicants, and students applying to the UW School of Pharmacy must use the PharmCAS application process.

P1 Fall Semester			Hrs	Min	Grade	Notes
MOLB	3610	Principles of Biochemistry	4		C	
PHCY	6100	Dose Form Design	4		C	
PHCY	6101	Practical Aspects of Dose Form Design	1		C	
PHCY	6106	Pharmaceutical Calculations	2		C	
PHCY	6185	Seminar: Role of the Pharmacist in Health Care	1		C	
ZOO	4125	Integrative Physiology	4		C	
Credit hours subtotal:			16			

P1 Spring Semester			Hrs	Min	Grade	Notes
PHCY	4450	Pathophysiology	4		C	
PHCY	6102	Biopharmaceutics & Pharmacokinetics	4		C	C3
PHCY	6110	Medicinal & Natural Products Chemistry I	3		C	
PHCY	6152	Therapeutics I	3		C	
PHCY	6170	Introductory Pharmacy Practicum	1		C	
PHCY	6285	Seminar: The Drug Use Process	1		C	
PHCY	6354	Pharmacy Practice Laboratory I	2		C	
Credit hours subtotal:			18			

P1 Summer Term			Hrs	Min	Grade	Notes
PHCY	6480	Intro to Community Pharmacy Practice	4		C	
PHCY	6482	Introduction to Hospital Pharmacy Practice	4		C	
Credit hours subtotal:			8			

P2 Fall Semester			Hrs	Min	Grade	Notes
PHCY	6210	Medicinal & Natural Products Chemistry II	3		C	
PHCY	6220	Pathophysiology II	3		C	
PHCY	6230	Pharmacology I	4		C	
PHCY	6230	Pharmacology I: Discussion	0		C	
PHCY	6245	Patient/Professional Interactions	3		C	
PHCY	6250	Drug Literature Evaluation	3		C	
PHCY	6280	Seminar: Pharmacy Ethics	1		C	
Credit hours subtotal:			17			

P2 Spring Semester			Hrs	Min	Grade	Notes
PHCY	6211	Medicinal & Natural Products Chemistry III	3		C	
PHCY	6231	Pharmacology II	4		C	
PHCY	6231	Pharmacology II Discussion	0		C	
Organizational & Societal Issues w/in Health						
PHCY	6241	Care Systems	3		C	
PHCY	6251	Therapeutics II	3		C	
PHCY	6270	Intermediate Pharmacy Practicum	1		C	
Credit hours subtotal:			14			

This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation, and consult with an academic advisor. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the *University Catalog* and consult with their academic advisor to plan accordingly.

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P3 Fall Semester			Hrs	Min	Grade	Notes
PHCY	6312	Clinical Toxicology	3		C	
PHCY	6341	Pharmacy Practice Law	3		C	
PHCY	6350	Therapeutics III	4		C	
PHCY	6356	Physical Assessment in the Evaluation of Drug Therapy	1		C	
PHCY	6357	Clinical Pharmacokinetics	2		C	
		Elective	4		C	
Credit hours subtotal:			<u>17</u>			

P3 Spring Semester			Hrs	Min	Grade	Notes
PHCY	6103	Sterile Products	2		C	Must be taken concurrently with PHCY 6104.
PHCY	6104	Sterile Products Laboratory	1		C	Must be taken concurrently with PHCY 6103.
PHCY	6342	Pharmacy Administration	3		C	
PHCY	6343	Pharmacoeconomics	2		C	
PHCY	6351	Therapeutics IV	4		C	
PHCY	6370	Advanced Pharmacy Experience Orientation	1		C	
		Elective	4		C	
Credit hours subtotal:			<u>17</u>			

P4 Term (Summer, Fall, & Spring)			Hrs	Min	Grade	Notes
PHCY	6465	Elective Rotations In _____	16		C	
PHCY	6470	Internal Medicine I	4		C	Required experiential rotation.
PHCY	6471	Internal Medicine II	4		C	Required experiential rotation; prerequisite of PHCY 6470.
PHCY	6473	Ambulatory Pharmaceutical Care	4		C	Required experiential rotation.
PHCY	6481	Advanced Community Pharmacy	4		C	Required experiential rotation.
PHCY	6483	Advanced Institutional Pharmacy	4		C	Required experiential rotation.
PHCY	6485	Reflective Learning in Pharmacy	3		C	
Credit hours subtotal:			<u>39</u>			

TOTAL CREDIT HOURS: 146

University of Wyoming requirements:

Students must have a minimum cumulative GPA of 2.0 to graduate. • Courses must be taken for a letter grade unless offered only for S/U.

College of Health Sciences Notes:

Performance expectations for majors in the College of Health Sciences exceed institutional requirements. Please discuss with an academic advisor to understand the difference. • Admission to the clinical portion of Health Sciences majors is competitive and is not guaranteed even with minimum qualifications. Be prepared to meet and exceed expectations. • Background checks are required at some point within all Health Science majors and careers. Students should understand the long-term ramifications of all decisions and actions early on so as not to jeopardize future academic and career goals.

School of Pharmacy Program Notes:

- In order to graduate from the School of Pharmacy, students must have a minimum 2.5 cumulative grade point average.
- Admission to the professional program leading to the entry-level Pharm.D. degree is limited to 52 students per year and is highly competitive. Students must have a minimum gpa of 2.8 in order to apply, but in order to be competitive, the gpa should be 3.2 or higher.
- The School of Pharmacy does not accept online coursework for the pharmacy prerequisite classes (science and math). Please contact the manager of Student Services for the School of Pharmacy at 307-766-6125 with any questions.
- Students should begin the application process to the professional pharmacy program at UW the summer between their freshman and sophomore year. Students apply beginning in mid-July using the central application program PharmCAS (www.pharmacas.org). Students should study during the summer between their freshman and sophomore year for the Pharmacy College Admissions Test (PCAT) and register to take the PCAT in October. Information can be found at www.pcatweb.info/.



School of Pharmacy Program Notes con't:

- The School of Pharmacy's application cycle runs from mid-July through March 1, and admission decisions are rolled throughout this period. Students are encouraged to complete their applications early; personal interviews begin in early October.
- Students and advisors are encouraged to contact the Manager of Pharmacy Student Services with questions about the application process. Please contact 307-766-6125.
- Students are required to live in locations other than Laramie when enrolled in experiential rotations. Responsibility for living costs and travel arrangements associated with experiential rotations rests with the student. Students participating in all experiential activities will be required to have a vehicle or an acceptable approved alternative.
- For a complete list of academic standards required of the UW Pharm.D. Program, please refer to the *University Catalog* or the School of Pharmacy's Admissions and Curriculum brochure located at www.uwyo.edu/pharmacy/pharmd-program/.