

COLLEGE OF PHARMACY CURRICULUM

First Professional Year Curriculum

The first-year curriculum provides the foundation for professional practice with instruction on pharmaceutical and biomedical sciences, body systems and disease, public health, pharmaceutical self-care, pharmacy law, and the roles of the pharmacist. The curriculum also teaches US and global health care systems, interpersonal and interprofessional communications, pre-clinical laboratory skills, and pharmacy practice skills, and provides certifications in immunization and life support.

Second Professional Year Curriculum

The second-year curriculum continues to build on the foundation courses from year one with instruction on applied biomedical sciences, pharmacology, clinical medicine, and pharmacotherapeutics. The curriculum also teaches drug information, evidence-based practice, research methodology, biostatistics, pharmacokinetics, and the basics of laboratory medicine. Students may start taking elective courses in the second professional year. Students will begin Introductory Pharmacy Practice Experiences (IPPE) courses during the summer.

Third Professional Year Curriculum

The third-year curriculum continues with focused instruction on the principles of clinical medicine and pharmacotherapeutics. The curriculum also incorporates behavioral aspects of health, biotechnology, pharmacogenomics, pharmacoeconomics, and special populations and contains a skills lab for clinical / evidence-based reasoning and certification in medication therapy management. The curriculum may also include a doctoral-level research and scholarship project and provides students an opportunity to take didactic elective courses of their choice. The curriculum also includes a North American Pharmacist Licensure Examination (NAPLEX) preparatory course to assess NAPLEX readiness.

Students continue with IPPE courses.

Fourth Professional Year Curriculum

The fourth year, also known as the experiential year curriculum, lists all the Advanced Pharmacy Practice Experience (APPE) courses. Students will also take APPE electives of their choice.

Additionally, the students will be provided North American Pharmacist Licensure Examination (NAPLEX) preparatory course series to assess NAPLEX readiness.

4-Year Professional Program (Course List)

Course	Title	Hours
First Year		
Fall Quarter		
IPE 401C	Professional Ethics	0.75
IPE 406C	DEI in Healthcare	0.75
PHM 507	Found of Human Body & Diseases I	3.00
PHM 520	Pharmaceutical Sciences I	3.00
PHM 532	Pharmaceutical Biochemistry	2.00
PHM 550	Pharmacy Skills Lab I -Immunization	1.00

PHM 560	Pharmacy Law	2.00
Hours		12.5

Winter Quarter

IPE 403C	Population and Public Health	2.00
PHM 508	Found of Human Body & Diseases II	3.00
PHM 512	Patient Assessment Lab	2.00
PHM 523	Basic Pharmacokinetics	3.50
PHM 553	Pharmacy Skills Lab II - Community	2.00
Hours		12.5

Spring Quarter

PHM 509	Found of Human Body & Diseases III	2.00
PHM 521	Pharmaceutical Sciences II	3.50
PHM 522	Pharmaceutical Sciences III	4.00
PHM 554	Pharmacy Skills Lab III - Hospital	2.00
PHM 561	Pharmacy Self-Care I	2.00
PHM 581	Medical Spanish	1.00
Hours		14.5

Second Year

Summer Quarter

PHM 650	Pharmaceutical Self Care & P Ad II	2.00
PHM 670	IPPE I (4 weeks)	4.00
Hours		6

Fall Quarter

PHM 601	Int. Pharmacotherapeutics I (ANS)	5.00
PHM 602	Int. Pharmacotherapeutics II (Renal)	5.00
PHM 622	Advanced Compounding & Calculations	2.00
PHM 640	Pharmacy Skills Lab IV -PT Care Pro	1.00
PHM 651	Pharmaceutical Self Care & P Ad III	2.00
IPE 400C	Medical Spanish ¹	2.00
PHM 780	Mental Health First Aid ¹	1.00
PHM 790	Residency Readiness ¹	1.00
Hours		19

Winter Quarter

IPE 402C	Evidence-Based Practice	2.00
PHM 603	Int. Pharmacotherapeutics III (GI)	5.00
PHM 604	Int. Pharmacotherapeutics IV (Cardio)	6.00
PHM 641	Pharmacy Skills Lab V - Cardio	1.00
PHM 782	Research ¹	2.00
IPE 405C	Preventing Burnout (IPE)	1.00
Hours		17

Spring Quarter

PHM 605	Int. Pharmacotherapeutics V (Endocrine/Respiratory)	6.00
PHM 606	Int. Pharmacotherapeutics VI (GU/CNS)	5.00
PHM 610	Drug Info, Informatics & Lit Eval	3.00
PHM 615	Adv Applications in Clin Prac I	1.00
PHM 681	Research & Scholarship	2.00
PHM 789	Pract Apps Stat & Research Design ¹	2.00
Hours		19

Third Year

Summer Quarter

PHM 701	Pharmacoeconomics	2.00
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PHM 770	IPPE II (4weeks)	4.00
Hours		6
Fall Quarter		
PHM 710	Int. Pharmacotherapeutics VII (Psych)	5.00
PHM 730	Pharmacy Skills Lab VI - Diabetes	1.00
PHM 716	Integrated Pharmacotherapeutic VIII	3.00
IPE 400C	Medical Spanish ¹	2.00
PHM 794	Advance Cardiovascular Life Support (ACLS) ¹	2.00
PHM 790	Residency Readiness ¹	1.00
PHM 780	Mental Health First Aid	1.00
Hours		15
Winter Quarter		
PHM 712	Int. Pharmacotherapeutics IX (ID)	6.00
PHM 713	Int. Pharmacotherapeutics X (ID, etc.)	5.00
PHM 731	Pharmacy Skills Lab VII -Med Therap	1.00
PHM 740	Biotechnology, Pharm, Precision Med	3.00
PHM 782	Research ¹	2.00
PHM 792	Applications Research & Scholarship ¹	1.00
IPE 405C	Preventing Burnout (IPE) ¹	1.00
Hours		19
Spring Quarter		
IPE 404C	Interprofessional Case Conferences	0.75
PHM 714	Int. Pharmacotherapeutics XI (Oncology)	5.00
PHM 715	Adv Applications in Clin Prac II	2.00
PHM 760	Special Populations	2.00
PHM 765	Emerging Iss & Practice Read Exam	4.00
PHM 786	Adv. Topics in Infectious Diseases ¹	2.00
PHM 789	Pract Apps Stat & Research Design ¹	2.00
Hours		17.75
Fourth Year		
Fall Quarter		
PHM 801	APPE: Community Pharmacy Practice	6.00
PHM 802	APPE: Health System Pharmacy	6.00
PHM 803	APPE: Inpatient/Acute Care Gen Med	6.00
PHM 804	APPE: Ambulatory Care Pharmacy	6.00
PHM 805	APPE: Elective Rotation I	6.00
PHM 806	APPE: Elective Rotation II	6.00
PHM 865A	NAPLEX Capstone I	0.25
PHM 865B	NAPLEX Capstone II	0.25
PHM 865C	NAPLEX Capstone III	0.25
PHM 865D	NAPLEX Capstone IV	2.00
Hours		38.75
Total Hours		197

² 186 does not include 6 units of electives

For information on the IPPEs and APPEs, refer to the Office of Experiential Education (OEE) Manual.

¹ Elective Courses

First Year: 39.5

Second Year: 50

Third Year: 45.75

Fourth Year: 38.75

Total Required Credits: 174 units²