

Pharmacy (PharmD)

The Entry-level Pharm.D. degree curriculum provides students with the knowledge and skills to practice pharmaceutical care. The curriculum comprises courses in biomedical sciences (anatomy, biochemistry, microbiology, physiology, pharmacology, and biostatistics), pharmaceutical sciences (pharmaceutical math, physical pharmacy, drug delivery, and dosage forms, biopharmaceutics and pharmacokinetics, biomedical chemistry and biotechnology), clinical and administrative sciences (pathophysiology, pharmacotherapy, drug information, management, and pharmacoepidemiology) and pharmacy practice (dispensing, jurisprudence, contemporary pharmacy practice, pharmacy and U.S. healthcare, drugs and society and ethics).

- CLPS-422 *Note: A maximum of 15 Advanced Professional Practice Experience credits may be taken per semester.
- CLPS-021 *Note: A maximum of 4 IPPE credits may be taken per semester.
- CLPS-022 *Note: A maximum of 4 IPPE credits may be taken per semester.
- CLPS-420 APPE I *Note: A maximum of 15 Advanced Professional Practice Experience credits may be taken per semester.

Program: Pharmaceutical Science

Type: PharmD

First Year (P1) - Fall

Item #	Title	Credits
PHSC-317	Structures & Functions in Therapeutics	2
PHSC-312	Pharmacological Therapeutics I	3
PHSC-323	Pharm Calculations I	2
CLPS-306	Drug Informatics	2
CLPS-319	Professional Practice Readiness I	3
PHSC-315	Pharmaceutical Chemistry I	3
PHSC-321	Applications for Pharmacy Practice	1
	Sub-Total Credits	16

First Year (P1) - Spring

Item #	Title	Credits
PHSC-307	Pharmaceutics	4
PHSC-308	Pharmacological Therapeutics II	3
PHSC-309	Pharmaceutical Chemistry II	3
PHSC-316	Physico-chemical Principles of Pharmacy	2
CLPS-311	Pharmaceutical Care	3
PHSC-313	Pharmaceutical Calculations II	2
CLPS-347	Applications for Pharmacy Practice 2	1
	Sub-Total Credits	18

First Year (P1) - Summer

Item #	Title	Credits
CLPS-021	IPPE I	4
Sub-Total Credits		4

Second Year (P2) - Fall

Item #	Title	Credits
PHSC-316	Physico-chemical Principles of Pharmacy	2
PHSC-429	Biopharmaceutics	3
CLPS-425	IT 1 - Foundations of IT	3
CLPS-426	IT 2 - Cardiology/Critical Care	3
CLPS-427	IT Lab 1	2
PHSC-336	Pharm Compounding Lab	2
CLPS-428	Principles of Pharm Adm I	2
Sub-Total Credits		19

Second Year (P2) - Spring

Item #	Title	Credits
CLPS-370	IT 3 Infectious Disease/Antimicrobials	4
CLPS-371	IT 4 Bone, Joint and Immunology	2
CLPS-372	IT Lab 2	2
CLPS-323	Pharmacoepidemiology & Outcome Res	3
PHSC-314	Pharmacokinetics	4
	Pharmacy Elective (Options: PHSC or CLPS courses)	3
CLPS-373	Applications for Pharmacy Practice 4	1
Sub-Total Credits		19

Second Year (P2) - Summer

Item #	Title	Credits
CLPS-022	IPPE II	4
Sub-Total Credits		4

Third Year (P3) - Fall

*CLPS-235 can be taken either during the fall or spring semester.

Item #	Title	Credits
CLPS-365	IT Lab 3	2
CLPS-340	Pharm Jurisprudence	3
CLPS-363	IT 5 - Oncology/Hem/Pain Palliative	3
CLPS-364	IT 6 - Endocrine/GI/Renal	3
CLPS-235	Health Care Ethics	2
	Pharmacy Elective (Options: PHSC or CLPS courses)	3
CLPS-366	Applications for Pharmacy Practice 5	1
	Sub-Total Credits	17

Third Year (P3) - Spring

Item #	Title	Credits
CLPS-450	IT 7 - Neuro/Psych	3
CLPS-451	IT 8 - Special Populations	3
CLPS-353	IT Lab 4	2
CLPS-452	Principles of Pharm Admin II	2
CLPS-320	Professional Practice Readiness II	3
CLPS-453	Applications for Pharmacy Practice 6	1
	Sub-Total Credits	14

Third Year (P3) - Summer

Item #	Title	Credits
CLPS-420	APPE I	10
	Sub-Total Credits	10

Fourth Year (P4) - Fall

Item #	Title	Credits
CLPS-421	Advanced Pharm Practice Exp. II	15
	Sub-Total Credits	15

Fourth Year (P4) - Spring

Item #	Title	Credits
CLPS-422	Advanced Professional Practice Experience III	15
	Sub-Total Credits	15
	Total credits:	151