



BS/PharmD Program

Chemistry Majors

FIRST YEAR

| First Semester | | Second Semester | |
|---|-----------------|---|-----------------|
| BSC120 – Principles of Biology | 4 hours | BSC121 – Principles of Biology | 4 hours |
| CHM211 – Principles of Chemistry I | 3 hours | CHM212 – Principles of Chemistry II | 3 hours |
| CHM217 – Principles of Chemistry Lab I | 2 hours | CHM218 – Principles of Chemistry Lab II | 2 hours |
| MTH 229 (CT)* - Calculus with Analy. Geometry I | 5 hours | PHY201 – General Physics I | 3 hours |
| | | PHY202 – General Physics I Lab | 1 hour |
| | | PYS 100 – Freshman First-Year Seminar | 3 hours |
| | 14 hours | | 16 hours |

SECOND YEAR

| First Semester | | Second Semester | |
|---------------------------------|-----------------|-------------------------------|-----------------|
| BSC227 – Human Anatomy | 4 hours | BSC228 – Human Physiology | 4 hours |
| CHM355 – Organic Chemistry I | 3 hours | BSC250 - Microbiology | 4 hours |
| PHY203- General Physics II | 3 hours | CHM345 – Analytical Chemistry | 4 hours |
| PHY204 – General Physics II Lab | 1 hour | CHM356 – Organic Chemistry II | 3 hours |
| ENG101- English Composition I | 3 hours | ENG201 – Advanced Composition | 3 hours |
| | 14 hours | | 18 hours |

THIRD YEAR

Apply to School of Pharmacy and take PCAT summer/fall

| First Semester | | Second Semester | |
|---------------------------------------|-----------------|--|-----------------|
| CHM448 – Adv. Inorganic | 4 hours | CHM307 – Physical Chemistry | 4 hours |
| CHM361- Intro Organic Chemistry Lab | 3 hours | CHM432 - Seminar ¹ | 0 hours |
| CMM103 – Fundamentals of Speech Comm. | 3 hours | Writing Intensive Humanities | 3 hours |
| Writing Intensive | 3 hours | CORE Social Science (CT & Int'l/Multicultural) | 3 hours |
| ART 112, MUS142, MUS210, or THE112 | 3 hours | MTH225 – Intro to Statistics | 3 hours |
| | | CHM305 – Research Methods in Chemistry | 1 hour |
| | 16 hours | | 14 hours |

FOURTH YEAR – First Year of PharmD Program

| First Semester | | Second Semester | |
|---------------------------|-----------------|---|-----------------|
| Pharmacy Practice I | 4 hours | Pharmacy Practice II | 4 hours |
| Immunology & Microbiology | 4 hours | Principles of Disease & Drug Action | 4 hours |
| Biomedical Chemistry | 5 hours | Biopharmaceutics II | 3 hours |
| Clinical Immunology | 1 hour | Integrated Laboratory I | 2 hours |
| Biopharmaceutics I | 3 hours | Therapeutics I – App. Use of OTC Products | 4 hours |
| IPPE I | 1 hour | IPPE 2 | 1 hour |
| | 18 hours | | 18 hours |

*Based on an ACT Mathematics score of 27 or higher.

¹Student will receive an Incomplete (I) grade. Upon completion of Pharmacy Practice I, a senior thesis will be submitted and brief oral presentation made no later the end of PharmD Year One, at which time an official grade for CHM 432 will be recorded.

Biomedical Chemistry in lieu of third BSC Required Major Elective. Pharmacy Practice Experiences in lieu of BSC 491 Capstone.

Minimum Number of Hours to Graduate:120 with a minimum of 40 upper level hours and 2.00 GPA.