

The undergraduate minor in Pre-Pharmacy Studies requires 62-63 semester credit hours. The minor contains prerequisite courses commonly required by pharmacy schools in the United States. Individual pharmacy schools may require or recommend additional courses, and prerequisites can change without notice. Visit the admissions websites for pharmacy schools you are interested in to ensure you meet all their requirements.

| Code | Title | Hours |
|--------------------------------------|--------------------------------------------------------------------------------|-------|
| Required Courses | | |
| Biology | | |
| BIO 1330 & BIO 1130 | Functional Biology and Functional Biology Laboratory | 4 |
| BIO 1331 & BIO 1131 | Organismal Biology and Organismal Biology Laboratory | 4 |
| BIO 2400 | Microbiology | 4 |
| BIO 2450 | Genetics | 4 |
| Choose 8 hours from the following: | | 8 |
| BIO 2451 & BIO 2452 | Human Anatomy and Physiology I and Human Anatomy and Physiology II | |
| BIO 3425 & BIO 3426 | Human Anatomy and Human Physiology | |
| Chemistry | | |
| CHEM 1341 & CHEM 1141 | General Chemistry I and General Chemistry Laboratory I | 4 |
| CHEM 1342 & CHEM 1142 | General Chemistry II and General Chemistry Laboratory II | 4 |
| CHEM 2341 & CHEM 2141 | Organic Chemistry I and Organic Chemistry Laboratory I | 4 |
| CHEM 2342 & CHEM 2142 | Organic Chemistry II and Organic Chemistry Laboratory II | 4 |
| CHEM 3375 or CHEM 4375 | Principles of Biochemistry Biochemistry | 3 |
| Mathematics | | |
| Choose 6-7 hours from the following: | | 6-7 |
| MATH 2321 or MATH 247 | Calculus for Life Sciences I Calculus I | |
| MATH 2328 or MATH 3305 | Elementary Statistics Introduction to Probability and Statistics | |
| Physics | | |
| Choose 4 hours from the following: | | 4 |
| PHYS 1315 & PHYS 1115 | General Physics I and General Physics I Laboratory | |
| PHYS 1335 & PHYS 1115 | General Physics I for Life Sciences Majors and General Physics I Laboratory | |
| PHYS 2325 & PHYS 2125 | Mechanics and Mechanics Laboratory | |
| English | | |
| Choose 6 hours from the following: | | 6 |
| ENG 1310 | College Writing I | |
| ENG 1320 | College Writing II | |
| ENG 1321 | Writing for Sustainable Change | |
| ENG 2310 | British Literature before 1785 | |
| ENG 2320 | British Literature since 1785 | |
| ENG 2330 | World Literature before 1600 | |

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| ENG 2340 | World Literature since 1600 | |
| ENG 2359 | US Literature before 1865 | |
| ENG 2360 | US Literature since 1865 | |
| ENG 2371 | U.S. Literature: Writing Identities | |
| ENG 3303 | Technical Writing | |
| HON 2301A | Writing to Change the World | |
| HON 2301B | Writing Yourself into Academia: Creating Portraiture | |
| Choose 3 hours from the following: | | 3 |
| ECO 2315 | Principles of Macroeconomics | |
| SOCI 1310 | Introduction to Sociology | |
| PSY 1300 | Introduction to Psychology | |

Total Hours **62-63**