

PHARMACEUTICAL SCIENCES, B.S.

Degree Requirements (minimum 128 hours)

The Pre-Pharmacy work must total at least 66 hours.

Program of Study

all degree requirements must be passed with a grade of C or higher

| Requirements | Credit Hours |
|-------------------------|--------------|
| 1. Carolina Core | 32-44 |
| 2. College Requirements | 0 |
| 3. Program Requirements | 31-34 |
| 4. Major Requirements | 62 |

Founding Documents Requirement

All undergraduate students must take a 3-credit course or its equivalent with a passing grade in the subject areas of History, Political Science, or African American Studies that covers the founding documents including the United State Constitution, the Declaration of Independence, the Emancipation Proclamation and one or more documents that are foundational to the African American Freedom struggle, and a minimum of five essays from the Federalist papers. This course may count as a requirement in any part of the program of study including the Carolina Core, the major, minor or cognate, or as a general elective. Courses that meet this requirement are listed here (<https://academicbulletins.sc.edu/undergraduate/founding-document-courses/>).

1. Carolina Core Requirements (32-44 hours)

CMW – Effective, Engaged, and Persuasive Communication: Written (6 hours)

- ENGL 101
- ENGL 102

ARP – Analytical Reasoning and Problem Solving (6-7 hours)

- MATH 122 or MATH 141
- STAT 201 or STAT 205

SCI – Scientific Literacy (7 hours)

- BIOL 101 & BIOL 101L
- CHEM 111

GFL – Global Citizenship and Multicultural Understanding: Foreign Language (0-6 hours)

Demonstrate proficiency in a foreign language by achieving a score of two or higher on the foreign language placement test. Students who do not score at least a two must either take 109/110 sequence of SPAN, FREN, GERM, or LATN or ARAB, CHIN, GREK, ITAL, JAPA, PORT, or RUSS 121. If both 109 and 110 are required, foreign language sequences typically begin in the Fall semesters. (American Sign Language does not count toward the foreign language requirement).

- CC-GFL courses (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

GHS – Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)

- any CC-GHS course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

GSS – Global Citizenship and Multicultural Understanding: Social Sciences (3 hours)

- PSYC 101

AIU – Aesthetic and Interpretive Understanding (3 hours)

- any CC-AIU course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

CMS – Effective, Engaged, and Persuasive Communication: Spoken Component ¹ (0-3 hours)

- any CC-CMS course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

INF – Information Literacy ¹ (0-3 hours)

- any overlay or stand-alone CC-INF course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

VSR – Values, Ethics, and Social Responsibility ¹ (0-3 hours)

- any overlay or stand-alone CC-VSR course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

¹ **Carolina Core Stand Alone or Overlay Eligible Requirements** – Overlay-approved courses offer students the option of meeting two Carolina Core components in a single course. A maximum of two overlays is allowed. The total Carolina Core credit hours must add up to a minimum of 31 hours. Some programs may have a higher number of minimum Carolina Core hours due to specified requirements.

2. College Requirements (0 hours)

No college-required courses for this program.

3. Program Requirements (31-34 hours)

Supporting Courses (31 hours)

Additional Pre-Pharmacy Requirements

| Course | Title | Credits |
|-----------------|--|---------|
| BIOL 102 & 102L | Biological Principles II and Biological Principles II Laboratory | 4 |
| BIOL 243 | Human Anatomy and Physiology I | 3 |
| BIOL 244 | Human Anatomy and Physiology II | 3 |
| BIOL 250 | Microbiology | 3 |
| CHEM 111L | General Chemistry I Lab | 1 |
| CHEM 112 & 112L | General Chemistry II and General Chemistry II Lab | 4 |
| CHEM 331L | Essentials of Organic Chemistry Laboratory I | 1 |
| CHEM 332L | Essentials of Organic Chemistry Laboratory II | 1 |
| CHEM 333 | Organic Chemistry I | 3 |

| | | |
|---------------------------|---------------------------|-----------|
| CHEM 334 | Organic Chemistry II | 3 |
| PHYS 201 | General Physics I | 3 |
| ECON 224 | Introduction to Economics | 3 |
| Total Credit Hours | | 32 |

Note: Students may substitute ECON 224 with ECON 221 or ECON 222.

Electives (0-3 hours)

An elective course will be needed if the Pre-Pharmacy hours total is less than 66.

4. Major Requirements (62 hours)

Professional Requirements

The final 62 credit hours required for the BS in Pharmaceutical Sciences degree are earned after admission to the USC College of Pharmacy and during the first two years of the professional Doctor of Pharmacy (PharmD) program.