

# PHARMACEUTICAL SCIENCES, B.S.

## Degree Requirements (minimum 132 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	31-44
2. College Requirements	0
3. Program Requirements	32-35
4. Major Requirements	66

### 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 (31-44 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 or STAT 206

### 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 <sup>1</sup> (0-3 hours)

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

### INF – Information Literacy <sup>1</sup> (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 <sup>1</sup> (0-3 hours)

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

<sup>1</sup> **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 (32-35 hours)

### Supporting Courses (32 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
or ECON 221	Principles of Microeconomics	
or ECON 222	Principles of Macroeconomics	
<b>Total Credit Hours</b>		<b>32</b>

### **Electives (0-3 hours)**

An elective course will be needed if the Pre-Pharmacy (Carolina Core and Supporting Courses) hours total is less than 66.

## **4. Major Requirements (66 hours)**

### **Professional Requirements**

The final 66 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.