

**SPALDING UNIVERSITY**  
**Catalog Years 2022-2023**

**Bachelor of Science in Natural Science**  
**Pre-Pharmacy**  
**120 credit hours**

**UNIVERSITY STUDIES PROGRAM**  
**(52 hours)**

**Introduction to College (1 hours)**

\_\_\_\_ \_ SU 100 Successful Student Strategies 1

**Communications (12 hours)**

\_\_\_\_ \_ ENG 109 College Writing Workshop I 3  
 \_\_\_\_ \_ ENG 110 College Writing Workshop II 3  
 \_\_\_\_ \_ COM 201 Effective Speaking 3  
 \_\_\_\_ \_ SPAN103 Spanish for Health Care 3

**Humanities (15 hours)**

\_\_\_\_ \_ ENG \_\_\_\_ \_\_\_\_\_ 3  
 (Literature or Linguistics)

\_\_\_\_ \_ PHIL 154 Ethics 3

\_\_\_\_ \_ PHIL 101 Logic 3

\_\_\_\_ \_ \_\_\_\_\_ 3  
 (Fine Art/Theater Arts)

(Plus 1 elective from Creative Writing, Fine Arts, Humanities,  
 Linguistics, Literature, Philosophy, Theater Arts)

\_\_\_\_ \_ \_\_\_\_\_ 3

**Natural Science and Mathematics (9 hours)**

\_\_\_\_ \_ BIO 121 Introduction to Biology 3

\_\_\_\_ \_ CHEM 211 General Chemistry I 3

\_\_\_\_ \_ MATH 120 Adv Mathematics for NS 3

**Religious Studies (6 hours)**

\_\_\_\_ \_ RS 217 World Religions 3

\_\_\_\_ \_ RS \_\_\_\_ \_\_\_\_\_ 3

**Social Sciences (9 hours)**

\_\_\_\_ \_ ECON \_\_\_\_ \_\_\_\_\_ 3  
 (Microeconomics or Macroeconomics)

\_\_\_\_ \_ HIST \_\_\_\_ \_\_\_\_\_ 3

\_\_\_\_ \_ PSY 103 Psychological Systems 3

**PCAT taken junior year \_\_\_\_\_**

Student Name \_\_\_\_\_

Student ID Number \_\_\_\_\_

Entry Date \_\_\_\_\_

Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

Mailing Address \_\_\_\_\_

**Natural Science Core Courses (62 hours)**

**Biology (23 hours)**

\_\_\_\_ \_ BIO 123 Introduction to Biology Lab 1  
 \_\_\_\_ \_ BIO 122 Organismal Biology 3  
 \_\_\_\_ \_ BIO 124 Organismal Biology Lab 1  
 \_\_\_\_ \_ BIO150 Problem Solving in Natural Science 3  
 \_\_\_\_ \_ BIO 256 Intro. to Microbiology 3  
 \_\_\_\_ \_ BIO 257 Intro. to Microbiology Lab 1  
 \_\_\_\_ \_ BIO 251 Anatomy & Physiology I 3  
 \_\_\_\_ \_ BIO 252 Anatomy & Physiology II 3  
 \_\_\_\_ \_ BIO 253 Anatomy & Physiology I Lab 1  
 \_\_\_\_ \_ BIO 254 Anatomy & Physiology II Lab 1  
 \_\_\_\_ \_ BIO 447 Biology Seminar 3

**Chemistry (16 hours)**

\_\_\_\_ \_ CHEM 212 General Chemistry II 3  
 \_\_\_\_ \_ CHEM 221 General Chemistry Lab I 1  
 \_\_\_\_ \_ CHEM 222 General Chemistry Lab II 1  
 \_\_\_\_ \_ CHEM 301 Organic Chemistry I 3  
 \_\_\_\_ \_ CHEM 302 Organic Chemistry II 3  
 \_\_\_\_ \_ CHEM 311 Organic Chemistry Lab I 1  
 \_\_\_\_ \_ CHEM 312 Organic Chemistry Lab II 1  
 \_\_\_\_ \_ CHEM 306 Biochemistry 3

**Physics (8 hours)**

\_\_\_\_ \_ PHYS 311 Classical Physics I 3  
 \_\_\_\_ \_ PHYS 312 Classical Physics II 3  
 \_\_\_\_ \_ PHYS 321 Classical Physics I Lab 1  
 \_\_\_\_ \_ PHYS 322 Classical Physics II Lab 1

**Mathematics (9 hours)**

\_\_\_\_ \_ MATH 231 Statistical Techniques 3  
 \_\_\_\_ \_ MATH 253 Calculus I 3  
 \_\_\_\_ \_ MATH 254 Calculus II 3

**Science Electives (6 hours)**

\_\_\_\_ \_ BIO 349 Internship 3  
 \_\_\_\_ \_ \_\_\_\_\_ Elective (300 or above) 3

**Electives (6 hours as needed)**

\_\_\_\_ \_ \_\_\_\_\_ 3  
 \_\_\_\_ \_ \_\_\_\_\_ 3