

**SPALDING UNIVERSITY**  
**Catalog Years 2015-2016**

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

**Humanities (15 hours)**

\_\_\_\_\_ ENG \_\_\_\_\_ 3  
 (Literature)  
 \_\_\_\_\_ PHIL 154 Ethics 3  
 \_\_\_\_\_ PHIL 101 Logic 3  
 \_\_\_\_\_ \_\_\_\_\_ 3  
 (Fine Art/Theater Arts)

(Plus 1 elective from Creative Writing, Fine Arts, 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 \_\_\_\_\_**

**Rising Junior MAPP Exam Taken \_\_\_\_\_**

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 261 Human Anatomy 3  
 \_\_\_\_\_ BIO 262 Human Anatomy Lab 1  
 \_\_\_\_\_ BIO 263 Human Physiology 3  
 \_\_\_\_\_ BIO 264 Human Physiology 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