

**SPALDING UNIVERSITY**  
**Catalog Years 2018-2019**

**Bachelor of Science in Natural Science**  
**Pre-Medical**  
**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)  
 \_\_\_\_ \_ PHIL 154 Ethics 3  
 \_\_\_\_ \_ PHIL 101 Logic 3  
 \_\_\_\_ \_ \_\_\_\_ \_\_\_\_\_ 3  
 (Fine Art/Theater Arts)

(Plus 1 elective from Creative Writing, Fine Arts, Linguistics,  
 Literature, Philosophy, or 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)**

\_\_\_\_ \_ HIST \_\_\_\_ \_\_\_\_\_ 3  
 \_\_\_\_ \_ PSY 103 Psychological Systems 3  
 \_\_\_\_ \_ PSY 305 General PSY for Health Sciences 3

**MCAT taken junior year \_\_\_\_\_**

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

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

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

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

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

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

**Natural Science Core Courses (64 hours)**

**Biology (25 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 275 Clinical anatomy & physiology 3  
 \_\_\_\_ \_ BIO 276 Clinical anatomy & physiology lab 1  
 \_\_\_\_ \_ BIO 369 Genetics 3  
 \_\_\_\_ \_ BIO 465 Cell Biology 3  
 \_\_\_\_ \_ 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 (4 hours as needed)**

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