

**SPALDING UNIVERSITY**  
**Catalog Years 2019-2020**

**Bachelor of Science in Natural Science**  
**Pre-Veterinary**  
**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  
\_\_\_\_\_ \_\_\_\_\_ 3  
(Foreign Language or Communication)

**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)**

\_\_\_\_\_ ANTH \_\_\_\_\_ 3  
\_\_\_\_\_ HIST \_\_\_\_\_ 3  
\_\_\_\_\_ PSY 103 Psychological Systems 3

**GRE taken junior year \_\_\_\_\_**

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

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

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

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

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

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

**Natural Science Core Courses (60 hours)**

**Biology (21 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 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; Animal Nutrition recommended)**

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

**Electives (8 hours as needed)**

\_\_\_\_\_ \_\_\_\_\_ 3  
\_\_\_\_\_ \_\_\_\_\_ 3  
\_\_\_\_\_ \_\_\_\_\_ 2