

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

**Bachelor of Science in Natural Science**  
**Pre-Dental**  
**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 3  
 (Fine Art/Theater Arts)

(Plus 1elective 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)**

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

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

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

(Select from African American Studies, Anthropology, Economics, Geography History, Political Science, Psychology, Social Sciences, or Sociology.)

**DAT taken junior year \_\_\_\_\_**

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

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

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

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

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

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

**Natural Science Core Courses (57 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 (13 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

**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 (11hours as needed; Anatomy and Physiology plus labs, U of L Preview to dentistry recommended)**

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

**Suggested electives**

|       |   |         |                                   |   |
|-------|---|---------|-----------------------------------|---|
| _____ | — | BIO251  | Anatomy & Physiology I            | 3 |
| _____ | — | BIO252  | Anatomy & Physiology II           | 3 |
| _____ | — | BIO253  | Anatomy & Physiology I Lab        | 1 |
| _____ | — | BIO254  | Anatomy & Physiology II Lab       | 1 |
| _____ | — | BIO465  | Cell Biology                      | 3 |
| _____ | — | BIO 456 | Bacteriology                      | 3 |
| _____ | — | BIO 457 | Bacteriology Lab                  | 1 |
| _____ | — | CHEM306 | Intro to Biochemistry             | 3 |
| _____ | — | BIO275  | Clinical Anatomy & Physiology     | 3 |
| _____ | — | BIO276  | Clinical Anatomy & Physiology Lab | 1 |