

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

**Bachelor of Science in Natural Science**  
**Pre-Physical Therapy**  
**120 credit hours**

\*Students must apply to and be accepted by the Physical Therapy graduate program prior to taking Physical Therapy courses.

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

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

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

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

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

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

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

**Introduction of College (1 hour)**

\_\_\_\_ \_ 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  
 \_\_\_\_ \_ SPAN 103 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)  
 \_\_\_\_ \_ \_\_\_\_\_ 3

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

**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)**

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

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

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

**Natural Science Core Courses (56 hours)**

**Biology (25 hours)**

\_\_\_\_ \_ BIO 123 Introduction to Biology Lab 1  
 \_\_\_\_ \_ BIO 122 Organismal Biology 3  
 \_\_\_\_ \_ BIO 124 Organismal Biology Lab 1  
 \_\_\_\_ \_ BIO 150 Problem Solving in Nat Science 3  
 \_\_\_\_ \_ BIO 251 Anatomy and Physiology I 3  
 \_\_\_\_ \_ BIO 252 Anatomy and Physiology II 3  
 \_\_\_\_ \_ BIO 253 Anatomy and Physiology I Lab 1  
 \_\_\_\_ \_ BIO 254 Anatomy and Physiology II Lab 1  
 \_\_\_\_ \_ BIO 301 Pathophysiology 3  
 \_\_\_\_ \_ BIO 369 Genetics 3  
 \_\_\_\_ \_ BIO 447 Biology Seminar 3

**Chemistry (5 hours)**

\_\_\_\_ \_ CHEM 212 General Chemistry II 3  
 \_\_\_\_ \_ CHEM 221 General Chemistry Lab I 1  
 \_\_\_\_ \_ CHEM 222 General 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 (9 hours)**

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

**Electives (12 hours)**

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

**Suggested electives**

CHEM301	Organic Chemistry I	3
CHEM302	Organic Chemistry II	3
CHEM311	Organic Chemistry Lab I	1
CHEM312	Organic Chemistry Lab II	1
CHEM306	Biochemistry	3
BIO465	Cell Biology	3
BIO 456	Bacteriology	3
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BIO 457	Bacteriology Lab	1
CHEM306	Intro to Biochemistry	3
BIO275	Clinical Anatomy &Physiology	3
BIO276	Clinical Anatomy &Physiology Lab	1