

SPALDING UNIVERSITY
Catalog Years 2014-2015

Bachelor of Science in Natural Science
Pre-Dental
120 credit hours

UNIVERSITY STUDIES PROGRAM
(52 hours)

Introduction to College (1 hours)

_____ __ US 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 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)

_____ __ HIST _____ 3

_____ __ PSY 103 Psychological Systems 3

_____ __ _____ 3

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

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

_____ __ _____ 3
 _____ __ _____ 3
 _____ __ _____ 3
 _____ __ _____ 2

Suggested electives

_____	—	BIO261	Human Anatomy	3
_____	—	BIO262	Human Anatomy Lab	1
_____	—	BIO263	Human Physiology	3
_____	—	BIO264	Human Physiology 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