

2023-2024

**B.S. LIFE SCIENCE EDUCATION****GRACE CORE (39 credits)**

Students will integrate faith and learning across disciplines, demonstrate foundational knowledge and ways of knowing, cultivate characteristics of maturity in relationships with God, others, self, and the world, and apply knowledge to all aspects of life through intellectual and practical skills.

**1000-Level Courses****First-Year Learning Communities**

FYE 1000	First-Year Foundations	3
BIB 1050	Exploring the Bible	3
PSY 1200	Essentials of Behavioral Science	3
HIS 1050	Current Issues in Historical Context	3

**First-Year Learning Competencies**

ENG 1100	Effective Writing	3
COM 1100	Public Speaking	3

**2000-Level Courses**

HUM 2100	Creative Arts & Culture	3
@ HUM 2000	Global Perspectives	3
SCI 2030	Faith, Science, & Reason	3
HUM 2010-30	Cross-Cultural Field Experience	0
@ BIB 2010	Scripture and Interpretation	3

**3000-Level Courses**

ECN 3000	Consumer Economics	3
PHI 3010	Christianity and Critical Thinking	3
@ BIB 3300	Essential Doctrinal Themes	3

**ADDITIONAL GENERAL EDUCATION--B.S. DEGREE (6 credits)****Satisfies B.S. Degree**

MAT 1185	Quantitative Reasoning	3
Any Science/Social Science with the following course prefix:		3
PSY, BHS, SOC, ECN, CSI, HIS, POS, GEO		

**THE MAJOR (71 credits)****Required Biology and Related Courses (32 credits)**

SCI 1140	Physical Science Survey	3
BIO 1610	General Biology I	4
BIO 1620	General Biology I Lab	0
@ BIO 1710	General Biology II	4
@ BIO 1720	General Biology II Lab	0
CHM 1610	General Chemistry I	4
CHM 1620	General Chemistry I Lab	0
@ CHM 1710	General Chemistry II	4
@ CHM 1720	General Chemistry II Lab	0
ENV 2110	General Ecology	4
ENV 2120	General Ecology Lab	0
@ BIO 2310	Biochemistry	3
@ BIO 3110	Cell & Molecular Biology	3
@ BIO 4210	Genetics	3

**Education Core Courses (33 credits)**

SED 1000	Teaching School in America	3
@ SED 2200	The School Age Child	3
@ SED 2400	Teaching Exceptional Learners	3
@ SED 2500	Teaching in a Pluralistic Society	3
@ SED 2600	Teaching and Learning	3
@ SED 2210	Responsive & Differentiated Instruction	3
@ SED 3800	Classroom Assessment & Learning Environment	3
@ SED 4700	The Moral Practitioner	3
@ SED 4900	Student Teaching & Seminar	9

**Secondary Education Courses (6 credits)**

@ SED 3600	Teaching in the Middle and High School	3
@ SED 4660	Methods of Teaching Secondary Science	3

**GRADUATION REQUIREMENTS**

To receive a degree, each student must satisfy checksheet requirements, earn 120 credit hours, have a 2.2 GPA in major courses, and a GPA of 2.0 overall. It is the student's responsibility to work with his/her advisor and monitor progress toward these goals. Some majors and/or minors may have more stringent guidelines.

IS A MINOR REQUIRED WITH THIS MAJOR? NO

**CHECKSHEET TOTAL CREDITS: 116**  
**TOTAL CREDITS NEEDED TO GRADUATE: 120**

† Indicates a course taught by a partner college/university.

@ Indicates a course with prerequisites. Please review catalog for prerequisites.