

2019-2020

B.S. LIFE SCIENCE EDUCATION



GRACE CORE (39 credits; 2 APLs)

The Grace Core is designed around four essential relationships. Though all courses engage most relationships, courses are organized according to the relationship that is their primary focus.

Relationship to God			Relationship to Others		
BIB 1050	Exploring the Bible	3	COM 1100	Public Speaking	3
@ BIB 2010	Scripture and Interpretation	3	ENG 1100	Effective Writing	3
@ BIB 3300	Essential Doctrinal Themes	3	PSY 1200	Essentials in Behavioral Science	3
Relationship to Self			Relationship to the World and Environment		
FYE 1000	First-Year Foundations	3	HIS 1380	Contemporary American and the World	3
ECN 3000	Consumer Economics	3	HUM 2000	Global Perspectives	3
@ PHI 3010	Christianity and Critical Thinking	3	HUM 2010-30	Cross-cultural Field Experience (2 APL)	0
			HUM 2100	Creative Arts & Culture	3
			SCI 2030	Faith, Science, and Reason	3

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

Satisfies B.S. Degree

MAT 3200	Probability and Statistics	3
Any Science/Social Science with the following course prefix:		3
PSY, BHS, SOC, ECN, CSI, HIS, POS, GEO		

THE MAJOR (71 credits; 16 APLs)

Required Biology and Related Courses			Professional Education Requirements		
SCI 1140	Physical Science Survey	3	SED 1000	Teaching School in America	3
SCI 1160	Theories of Origins	3	SED 2200	The School Age Child	3
BIO 1610	General Biology I	4	SED 2210	Responsive & Differentiated Instruction	3
BIO 1620	General Biology I Lab (1 APL)	0	SED 2400	Teaching Exceptional Learners	3
@ BIO 1710	General Biology II	4	SED 2500	Teaching in a Pluralistic Society	3
@ BIO 1720	General Biology II Lab (1 APL)	0	SED 2600	Teaching and Learning	3
CHM 1610	General Chemistry I	4	SED 3600	Teaching in the Middle and High School	3
CHM 1620	General Chemistry I Lab (1 APL)	0	SED 4660	Methods of Teaching Secondary Science	3
@ CHM 1710	General Chemistry II	4	SED 4700	The Moral Practitioner (1 APL)	3
@ CHM 1720	General Chemistry II Lab (1 APL)	0	SED 4900	Student Teaching & Seminar (9 APL)	9
ENV 2110	General Ecology	4			
ENV 2120	General Ecology Lab (2 APL)	0			
@ BIO 2310	Biochemistry	3			
@ BIO 3110	Cell & Molecular Biology	3			
@ BIO 4210	Genetics	3			

GRADUATION REQUIREMENTS

To receive a degree, each student must satisfy checklist requirements, earn 120 credit hours, fulfill 12 credits of Applied Learning, 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.

It is strongly encouraged that a minimum of 6 Applied Learning credits be earned in experiential education taking place outside the traditional classroom setting.

IS A MINOR REQUIRED WITH THIS MAJOR? NO

CHECKSHEET TOTAL CREDITS: 126
CHECKSHEET TOTAL APL: 18
TOTAL CREDITS NEEDED TO GRADUATE: 120 (12 APLs)

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

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