

2019-2020
B.A. or B.S. BIOLOGY



GRACE CORE (39 credits; 2 APLs)

signed around four essential relationships. Though all courses engage most relationships, courses are organized according to the relationship that is

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.A. or B.S. DEGREE (6 credits)

Satisfies B.S. Degree		Satisfies B.A. Degree		
MAT 1000+	Any Math (1000 Level and Above)	3	FRE/SPA Proficiency in Language & Culture	6
	Any Science/Social Science with the following course prefix: PSY, BHS, SOC, ECN, HIS, POS, GEO	3	GRE/HEB French, Spanish, Greek, Hebrew	

THE MAJOR (46-47 credits; 9+ APLs)

REQUIRED SCIENCE COURSES

BIO 1610	General Biology I	4
BIO 1620	General Biology I Lab (1 APL)	0
@ BIO 1710	General Biology II	4
@ BIO 1720	General Biology II Lab (1 APL)	0
BIO 2110	General Ecology	4
BIO 2120	General Ecology Lab (2 APL)	0
@ BIO 3110	Cell and Molecular Biology	3
@ BIO 4210	Genetics	3
@ BIO 4010	Senior Seminar (1 APL)	3

CHOOSE ONE OF THESE COURSE/LABS

@ BIO 3210/3220	Advanced Anat & Phys I + lab (1 APL)	4
@ BIO 3310/3320	Advanced Anat & Phys II + lab (1 APL)	4
@ BIO 4110/4120	Microbiology + Lab (1 APL)	4

CHOOSE ONE OF THESE COURSE/LABS

@ BIO 2410/2420	Plant Biology + Lab (1 APL)	4
@ BIO 2510/2520	Animal Biology + Lab (1 APL)	4

CHOOSE ONE OF THESE COURSE/LABS

@ PHY 2140/2150	College Physics I + Lab (1 APL)	4
@ PHY 2160/2170	College Physics II + Lab (1 APL)	4

CHOOSE ONE OF THESE COURSE/LABS *

MAT 1230/1240	Calculus I + Lab (1 APL)	4
MAT 3200	Probability and Statistics	3

OTHER: CHOOSE 10 CREDITS FROM APPROVED BIO/ENV/SCI/EXS COURSES

(At least one course must include a lab (1APL))

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.

A CHEMISTRY MINOR IS REQUIRED WITH THIS MAJOR

Notes about this major:
(adds 19 credits and 4 APLs)

*In addition to 3 hours of Bachelor of Science math requirement

CHECKSHEET TOTAL CREDITS: 81-82
CHECKSHEET TOTAL APL: 11+
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.