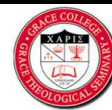


2018-2019
B.A. or B.S. BIOLOGY



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 1010	Freshman Foundations	3	HIS 1380	Contemporary America 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 and 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; 8-9 APLs)

REQUIRED SCIENCE COURSES			CHOOSE ONE OF THESE COURSE/LABS		
BIO 1610	General Biology I	4	@ BIO 3210/3220	Advanced Anat & Phys I + lab (1 APL)	4
BIO 1620	General Biology I Lab (1 APL)	0	@ BIO 3310/3320	Advanced Anat & Phys II + lab (1 APL)	4
@ BIO 1710	General Biology II	4	@ BIO 4110/4120	Microbiology + Lab (1 APL)	4
@ BIO 1720	General Biology II Lab (1 APL)	0	CHOOSE ONE OF THESE COURSE/LABS		
ENV 2110	General Ecology	4	@ BIO 2410/2420	Plant Biology + Lab (1 APL)	4
ENV 2120	General Ecology Lab (2 APL)	0	@ BIO 2510/2520	Animal Biology + Lab (1 APL)	4
@ BIO 3110	Cell and Molecular Biology	3	CHOOSE ONE OF THESE COURSE/LABS		
@ BIO 4210	Genetics	3	@ PHY 2140/2150	College Physics I + Lab (1 APL)	4
@ BIO 4010	Senior Seminar (1 APL)	3	@ 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
			CHOOSE 10 CREDITS FROM APPROVED		
			BIO/ENV/SCI/EXS COURSES		
			(At least one course must include a lab)		10

TOTAL CREDITS TO GRADUATE: 120 (12 APLs)

To receive a degree, each student must satisfy checksheet 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.

A CHEMISTRY MINOR IS REQUIRED WITH THIS MAJOR

(adds 19 credits and 4 APLs)
*In addition to 3 hours of Bachelor of Science math requirement

† Indicates a course taught by a partner college/university.
@ Indicates a course with prerequisites. Please review catalog for prerequisites.