

2019-2020

B.A. or B.S. HEALTH SCIENCE - PHARMACY CONCENTRATION



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	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 3200	Probability and Statistics	3	FRE/SPA	Proficiency in Language & Culture	6
PSY 1100	Introduction to Psychology	3	GRE/HEB	French, Spanish, Greek, Hebrew	

THE MAJOR (49 credits; 11 APLs)

REQUIRED SCIENCE COURSES			REQUIRED MATHEMATICS/PHYSICAL SCIENCES		
BIO 1610	General Biology I	4	MAT 1230	Calculus I	4
BIO 1620	General Biology I Lab (1 APL)	0	MAT 1240	Calculus I Lab (1 APL)	0
@ BIO 1710	General Biology II	4	@ PHY 2140	College Physics I	4
@ BIO 1720	General Biology II Lab (1 APL)	0	@ PHY 2150	College Physics I Lab (1 APL)	0
BIO 2100	Health Sciences Seminar	1			
ENV 2110	General Ecology	4	REQUIRED BUSINESS COURSE		
ENV 2120	General Ecology Lab (2 APL)	0	BUS 2230	Economics	3
@ BIO 3110	Cell and Molecular Biology	3			
@ BIO 3210	Advanced Anatomy & Physiology I	4	ELECTIVE SCIENCE/MATHEMATICS COURSE/LAB		
@ BIO 3220	Advanced Anatomy & Physiology I lab (1 APL)	0	<i>Choose one of the following:</i>		
@ BIO 3310	Advanced Anatomy & Physiology II	4	@ PHY 2160/2170	College Physics II + Lab (1 APL)	4
@ BIO 3320	Advanced Anatomy & Physiology II lab (1 APL)	0	@ MAT 1250/1260	Calculus II + Lab (1 APL)	4
@ BIO 4110	Microbiology	4			
@ BIO 4120	Microbiology Lab (1 APL)	0			
@ BIO 4210	Genetics	3			
@ BIO 4010	Senior Seminar (1 APL)	3			

GRADUATION REQUIREMENTS

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

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 CONCENTRATION

(adds 19 credits and 4 APL)
*In addition to 3 hours of math for BS degree, if chosen

CHECKSHEET TOTAL CREDITS: 94

CHECKSHEET TOTAL APL: 13

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.