2019-2020
B.A. or B.S. EXERCISE SCIENCE
Pre-Physical Therapy

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			
BIB 1050	Exploring the Bible	3	
@ BIB 2010	Scripture and Interpretation	3	
@ BIB 3300	Essential Doctrinal Themes	3	
Relationship to Self			
FYE 1000	First-Year Foundations	3	
ECN 3000	Consumer Economics	3	
@ PHI 3010	Christianity and Critical Thinking	3	
Relationship to Others			
COM 1100	Public Speaking	3	
ENG 1100	Effective Writing	3	
PSY 1200	Essentials in Behavioral Science	3	
Relationship to the World and Environment			
HIS 1380	Contemporary American and the World	3	
HUM 2000	Global Perspectives	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 3200	Probability and Statistics	3	FRE/SPA	Proficiency in Language & Culture	6
Any Social Science with the following course prefix: SCI, ENV, CHM, BIO, PSY, SOC, or BHS		3	GRE/HEB	French, Spanish, Greek, Hebrew	

THE MAJOR (66 credits; 12+ APLs)

EXERCISE SCIENCE FOUNDATION COURSES		
EXS 1000	Introduction to Exercise Science	3
EXS 1050	Dynamics of Fitness	3
EXS 2000	Kinesiology	3
@ EXS 2250	Care and Prevention of Injuries	3
@ EXS 3000	Strength and Conditioning	3
@ EXS 3600	Fitness Assessment	3
@ EXS 4180	Exercise Physiology	3
@ EXS 4240	Biomechanics	3
SCIENCE COURSE REQUIRMENTS		
BIO 1610/1620	General Biology 1 + Lab (1 APL)	4
@ BIO 1710/1720	General Biology 2 + Lab (1 APL)	4
@ BIO 2210	Nutrition	3
@ BIO 3210/3220	Adv. Anatomy and Physiology 1 + Lab (1 APL)	4
@ BIO 3310/3320	Adv. Anatomy and Physiology 2 + Lab (1 APL)	4
CHM 1610/1620	General Chemistry 1 + Lab (1 APL)	4
@ CHM 1710/1720	General Chemistry 2 + Lab (1 APL)	4
@ PHY 2140/2150	College Physics 1 + Lab (1 APL)	4
@ PHY 2160/2170	College Physics 2 + Lab (1 APL)	4

APPLIED LEARNING (7 credits)		
EXS 2150	Practicum in Exercise Science (2 APL)	2
EXS 4930	Internship in Exercise Science (3 APL)	3
EXS 4840	Research in Exercise Science (2 APL)	2
Suggested: choose six credits of electives from cross-discipline study		
PSY 2170	Abnormal Psychology (1 APL)	3
PSY 2360	Child and Adolescent Psychology	3
PSY 2880	Life Span Development	3
PSY 3300	Sports Psychology	3
SOC 3230	Substance Use and Abuse	3
PSY 3550	Health Psychology	3
PSY 3600	Motivation and Emotion	3
EXS 2130	Principles of Coaching	3
SMT 2050	Risk Management	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 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

Notes about this major:

CHECKSHEET TOTAL CREDITS: 111
CHECKSHEET TOTAL APL: 17-18
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.