

2022-2023

**B.S. EXERCISE SCIENCE**

**Pre-Physical Therapy**



**GRACE CORE (39 credits)**

*Students will integrate faith and learning across disciplines, demonstrate foundational knowledge and ways of knowing, cultivate characteristics of maturity in relationships with God, others, self, and the world, and apply knowledge to all aspects of life through intellectual and practical skills.*

**1000-Level Courses**

**First-Year Learning Communities**

FYE 1000	First-Year Foundations	3
BIB 1050	Exploring the Bible	3
PSY 1200	Essentials of Behavioral Science	3
HIS 1050	Current Issues in Historical Context	3

**First-Year Learning Competencies**

ENG 1100	Effective Writing	3
COM 1100	Public Speaking	3

**2000-Level Courses**

HUM 2100	Creative Arts & Culture	3
HUM 2000	Global Perspectives	3
SCI 2030	Faith, Science, & Reason	3
HUM 2010-30	Cross-Cultural Field Experience	0
@ BIB 2010	Scripture and Interpretation	3

**3000-Level Courses**

ECN 3000	Consumer Economics	3
PHI 3010	Christianity and Critical Thinking	3
@ BIB 3300	Essential Doctrinal Themes	3

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

**Satisfies B.S. Degree**

MAT 3200	Probability and Statistics	3
Any Social Science with the following course prefix:		3
SCI, ENV, CHM, BIO, PSY, SOC, or BHS		

**THE MAJOR (66 credits)**

**EXERCISE SCIENCE FOUNDATION COURSES (24 credits)**

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 REQUIREMENTS (35 credits)**

BIO 1610/1620	General Biology 1 + Lab	4
@ BIO 1710/1720	General Biology 2 + Lab	4
BIO 2210	Nutrition	3
BIO 3210/3220	Adv. Anatomy and Physiology 1 + Lab	4
@ BIO 3310/3320	Adv. Anatomy and Physiology 2 + Lab	4
CHM 1610/1620	General Chemistry 1 + Lab	4
@ CHM 1710/1720	General Chemistry 2 + Lab	4
PHY 2140/2150	College Physics 1 + Lab	4
@ PHY 2160/2170	College Physics 2 + Lab	4

**EXERCISE SCIENCE EXPERIENTIAL COURSES (7 credits)**

EXS 2150	Practicum in Exercise Science	2
EXS 4930	Internship in Exercise Science	3
EXS 4840	Research in Exercise Science	2

*Suggested: choose six credits of electives from cross-discipline study (not included in 66 major credit hours)*

PSY 2170	Abnormal Psychology	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, 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.

**IS A MINOR REQUIRED WITH THIS MAJOR? NO**

Notes about this major:

**CHECKSHEET TOTAL CREDITS: 111  
TOTAL CREDITS NEEDED TO GRADUATE: 120**

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