

BACHELOR OF SCIENCE IN KINESIOLOGY (EXERCISE SCIENCE, PRE-PHYSICAL THERAPY)

Web Site: <https://twu.edu/kinesiology/undergraduate-programs/exercise-sciencepre-physical-therapy/>

Degree Requirements

Total Semester Credit Hours (SCH): 120

Major: 47 SCH

Program Code: KINES.BS.EXERCISEPT **CIP Code:** 31.0505.00

Texas Core Curriculum

Code	Title	SCHs
ENG 1013	Composition I	3
ENG 1023	Composition II	3
Mathematics		3
Life & Physical Sciences		6
Language, Philosophy, & Culture		3
Creative Arts		3
HIST 1013	History of the United States, 1492-1865	3
HIST 1023	History of the United States, 1865 to the Present	3
POLS 2013	U.S. National Government	3
POLS 2023	Texas Government	3
Social & Behavioral Sciences		3
CAO: Women's Studies		3
CAO: First Year Seminar, Wellness or Mathematics		3
Total SCHs		42

Courses Required for Major

Code	Title	SCHs
KINS 1583	Foundations of Assessment in Kinesiology	3
KINS 1683	Strength Training and Functional Anatomy	3
KINS 1801	Introduction to Kinesiology	1
KINS 2722	Methods of Exercise Leadership	2
KINS 3123 & KINS 3121	Adapted Physical Activity and Adapted Physical Activity Lab	4
KINS 3143	Disability Sport and Modified Games	3
KINS 3553	Exercise and Sport Psychology	3
KINS 3593 & KINS 3591	Biomechanics of Human Body and Motion and Biomechanics Laboratory	4
KINS 3603 & KINS 3601	Exercise Physiology and Exercise Physiology Laboratory	4
KINS 3713	Sport and Fitness Management	3
KINS 4603 & KINS 4601	Advanced Exercise Physiology and Advanced Exercise Physiology Laboratory	4

KINS 4703 & KINS 4701	Exercise Testing and Prescription and Exercise Testing and Prescription Laboratory	4
KINS 4823	Clinical Exercise Physiology	3
Select one of the following		6
KINS 4933	Internship in Cardiac Rehabilitation (register for two sections concurrently)	
KINS 4943	Internship in Corporate Fitness (register for two sections concurrently)	
Total SCHs		47

Departmental Requirements

Code	Title	SCHs
CHEM 1113 & CHEM 1111	General Chemistry I and General Chemistry Laboratory I	4
CHEM 1123 & CHEM 1121	General Chemistry II and General Chemistry Laboratory II	4
PHYS 1133 & PHYS 1131	Principles of Physics I and Principles of Physics Laboratory I	4
PHYS 1143 & PHYS 1141	Principles of Physics II and Principles of Physics Laboratory II	4
ZOOL 2013 & ZOOL 2011	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory (may be applied from core)	4
ZOOL 2023 & ZOOL 2021	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory (may be applied from core)	4
ZOOL 3123 & ZOOL 3121	Neuroanatomy and Neurophysiology and Neuroanatomy and Neurophysiology Laboratory	4
MATH 1303	College Algebra	3
MATH 1313	Trigonometry	3
MATH 1703	Elementary Statistics I (may be applied from core)	3
PSY 1013	Introduction to General Psychology (may be applied from core)	3
PSY 1603 or PSY 2513	Developmental Psychology or Abnormal Psychology	3
Global Perspectives	(may be applied from core)	3
Total SCHs		46