

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

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

## Recommended Plan of Study

### First Year

Fall		TCCN	SCHs
CHEM 1113 & CHEM 1111	General Chemistry I and General Chemistry Laboratory I	CHEM 1311 & CHEM 1111	4
ENG 1013	Composition I	ENGL 1301	3
MATH 1303	College Algebra	MATH 1314	3
UNIV 1231	Learning Frameworks: First-Year Seminar	EDUC 1100, EDUC 1200, EDUC 1300	1
KINS 1902	Health and Wellbeing: Enhancing Personal Wellness	PHED 1338	2
KINS 1801	Introduction to Kinesiology	PHED 1301	1
PSY 1013	Introduction to General Psychology	PSYC 2301	3
<b>SCHs</b>			<b>17</b>
Spring		TCCN	
CHEM 1123 & CHEM 1121	General Chemistry II and General Chemistry Laboratory II	CHEM 1312 & CHEM 1112	4
ENG 1023	Composition II	ENGL 1302	3
MATH 1313	Trigonometry	MATH 1316	3
KINS 1683	Strength Training and Functional Anatomy		3
KINS 1503	Introduction to Motor Development		3
<b>SCHs</b>			<b>16</b>
Second Year		TCCN	
Fall			
MATH 1703	Elementary Statistics I	MATH 1342	3
PHYS 1133 & PHYS 1131	Principles of Physics I and Principles of Physics Laboratory I	PHYS 1301 & PHYS 1101	4
ZOOL 2013 & ZOOL 2011	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory	BIOL 2401 & BIOL 2101	4
KINS 3123 & KINS 3121	Adapted Physical Activity and Adapted Physical Activity Lab		4
<b>SCHs</b>			<b>15</b>
Spring		TCCN	
HIST 1023	History of the United States, 1865 to the Present	HIST 1302	3
PHYS 1143 & PHYS 1141	Principles of Physics II and Principles of Physics Laboratory II	PHYS 1302 & PHYS 1102	4

ZOOL 2023 & ZOOL 2021	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory	BIOL 2402 & BIOL 2102	4
KINS 2722	Methods of Exercise Leadership		2
KINS 3143	Disability Sport and Modified Games		3

**SCHs 16**

### Third Year

Fall		TCCN	
HIST 1013	History of the United States, 1492-1865	HIST 1301	3
PSY 1603	Developmental Psychology	PSYC 2314	3
HS 3133	Perspectives on Women's Health		3
KINS 3603 & KINS 3601	Exercise Physiology and Exercise Physiology Laboratory		4
POLS 2013	U.S. National Government	GOVT 2305	3

**SCHs 16**

Spring		TCCN	
POLS 2023	Texas Government	GOVT 2306	3
PHIL 3073	Bioethics		3
ZOOL 3123 & ZOOL 3121	Neuroanatomy and Neurophysiology and Neuroanatomy and Neurophysiology Laboratory		4
KINS 3593 & KINS 3591	Biomechanics of Human Body and Motion and Biomechanics Laboratory		4
KINS 4703 & KINS 4701	Exercise Testing and Prescription and Exercise Testing and Prescription Laboratory		4

**SCHs 18**

### Fourth Year

Fall		TCCN	
KINS 3553	Exercise and Sport Psychology		3
KINS 4603 & KINS 4601	Advanced Exercise Physiology and Advanced Exercise Physiology Laboratory		4
KINS 3713	Sport and Fitness Management		3
KINS 4823	Clinical Exercise Physiology		3
MU 3713	Music and World Cultures		3

**SCHs 16**

Spring		TCCN	
KINS 4936 or 4946	Internship in Cardiac Rehabilitation or Internship in Corporate Fitness		6

**SCHs 6**

**Total SCHs: 120**