

**West Texas A&M University
Advising Services
Degree Checklist
2023-2024**

NAME: _____ WT ID: _____ DATE: _____

Sports and Exercise Sciences—Exercise Science Track

**Department of Sports and Exercise Sciences
AC 217 651-2370**

CORE CURRICULUM COURSES: 42 HOURS ♦		HR	
Communication (Core 10)			
ENGL 1301 Intro. To Academic Writing & Argumentation OR ENGL 1311 Writing About Ideas	3		
COMM 1315, 1318, or 1321	3		
Mathematics (Core 20)			
See University Core Requirements below	(3)		
Life and Physical Sciences (Core 30)			
See University Core Requirements below	(6)		
Language, Philosophy and Culture (Core 40)			
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312*/***, 2313*, 2315*, or 2371 Choose 1	3		
Creative Arts (Core 50)			
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for music majors), 1310; or THRE 1310 Choose 1	3		
American History (Core 60)			
HIST 1301, 1302, 2301, 2381, 2382 Choose 2	6		
Government/Political Science (Core 70)			
POSC 2305 and 2306	6		
Social and Behavioral Sciences (Core 80)			
See University Core Requirements below	(3)		
Component Area Option (Core 90)			
Take 3-4 hours from (not including BIOL 2401L & 2402L): AGRI 2300; BIOL 4 th hour from 4-hour courses (from Core 30); BUSI 1301, 1304; CHEM 4 th hour from 4-hour courses (from Core 30); CIDM 1105, CIDM 1301 or 1315; CS 1301; ECON 2331; ENGL 1101, 1102, 1302*, 1312*, 2311*; ENVR 4 th hour (from Core 30); GEOL 4 th hour from 4-hour courses (from Core 30); IDS 1071 (1-3 hours); MATH 4 th hour from 4-hour courses (from Core 20); MUSI 1053; PHIL 2303; PHYS 4 th hour from 4-hour courses (from Core 30); SES 1120 -Three hours if MATH 2412 or 2413 is taken to satisfy Core 20.	3-4		
See University Core Requirements below	(2-3)		

SPORTS AND EXERCISE SCIENCES—EXERCISE SCIENCE MAJOR REQUIREMENTS: 79-80 HOURS
A grade of "C" or better must be earned in all courses required for major.

UNIVERSITY CORE REQUIREMENTS: 14-15 HOURS ♦			
CORE 20 MATH 1314*, 2412*[3], or 2413*[3]	3		
CORE 30 BIOL 2401*[3] Human Anatomy & Physiology I	3		
CORE 30 BIOL 2402*[3] Human Anatomy & Physiology II	3		
CORE 80 PSYC 2301 General Psychology	3		
CORE 90 BIOL 2401L[1] and 2402L[1]	2		
MATH 2412[1] or 2413[1] – if taken to satisfy Core 20	0-1		
EXERCISE SCIENCE MAJOR REQUIREMENTS: 43-48 HOURS			
ATTR 3310 Therapeutic Modalities and Exercise	3		
SES 1301 Foundations of Sport and Exercise Sciences	3		
SES 3302 Structural and Mechanical Kinesiology	3		
SES 3304 Measurement & Evaluation Techniques	3		

**Bachelor of Science Degree
BS.SES.EXER (117)**

SES 3314 Introduction to Statistics in Sports and Exercise Sciences	3		
SES 3340 Sport Nutrition	3		
SES 3341* Exercise Physiology	3		
SES 3356* Theory and Practice of Strength Training and Conditioning	3		
SES 4098* Internship	1-6		
SES 4302 Motor Learning and Skill Acquisition	3		
SES 4327 Exercise Psychology OR SES 4328* Psychology of Injury	3		
SES 4330* Administrative Concepts in Sports and Exercise Science	3		
SES 4340* Clinical Exercise Physiology	3		
SES 4341* Sport Biomechanics	3		
SES 4343* Research Methodology	3		
BACHELOR OF SCIENCE REQUIREMENTS: 6 HOURS		OPTION***	
Six hours chosen from biology, chemistry, geology, geosciences, mathematics, physics and natural sciences.	6		
ELECTIVES: 24-29 HOURS BY ADVISEMENT			
ELECTIVES (ANY LEVEL) ♦		24-29	
MINIMUM HOURS REQUIRED TO COMPLETE DEGREE	120		

* Indicates prerequisites—see catalog for more information.

** Or an equivalent course (second year, second semester) in a foreign language.

*** B.S. option with BIOL 1406 and 1407 is recommended.

NOTE: This is NOT a degree plan. All undergraduate students must request an official degree plan from their academic dean's office by the time they have completed 30 credit hours.

WTAMU ADVISING SERVICES – 2023-2024 Curriculum Guide

**Major: Sports and Exercise Science – Exercise Science
Emphasis, B.S.**

Major Code: 117

Year 1: Fall		Year 1: Spring	
CORE 10 (Communication) – ENGL 1301 or 1311	3	CORE – See checklist for options ¹	3
CORE 20 (Mathematics) – MATH 1314, 2412, or 2413	3	CORE – See checklist for options ¹	3
B.S. Requirement – See checklist for options	3	B.S. Requirement – See checklist for options	3
CORE – See checklist for options ¹	3	CORE – See checklist for options ¹	3
CORE – See checklist for options ¹	3	SES 1301 Foundations of Sports and Exercise Sciences	3
CORE 90 (Component Area Option) – See checklist for options - SES 1120 is strongly recommended for 1 of 6 hours required for Core 90.	1		
Total:	16	Total:	15
Year 2: Fall		Year 2: Spring	
CORE – See checklist for options ¹	3	CORE – See checklist for options ¹	3
CORE 30 (Life & Phys. Sci.) – BIOL 2401/2401L - 4 th hour counts towards Core 90	4	CORE 30 (Life & Phys. Sci.) – BIOL 2402/2402L - 4 th hour counts towards Core 90	4
CORE – See checklist for options ¹	3	CORE 80 (Social & Behav. Sci) - PSYC 2301 General Psychology	3
CORE – See checklist for options ¹	3	SES 3302 Structural and Mechanical Kinesiology	3
SES 3304 Measurement & Evaluation Techniques	3	ATTR 3310 Therapeutic Modalities & Rehabilitation	3
Total:	16	Total:	16
Year 3: Fall		Year 3: Spring	
SES 3340 Sport Nutrition	3	SES 4327 Exercise Psychology or SES 4328 Psychology of Injury	3
SES 3341 Exercise Physiology	3	SES 3314 Introduction to Statistics in SES	3
SES 4341 Sport Biomechanics	3	SES 3356 T&P of Strength Training & Conditioning	3
SES 4302 Motor Learning and Skill Acquisition	3	SES 4340 Clinical Exercise Physiology	3
Elective	3	Elective	3
Total:	15	Total:	15
Year 4: Fall		Year 4: Spring	
SES 4330 Administrative Concepts in SES	3	SES 4098 Internship (1-6 hours by approval)	3
SES 4343 Research Methodology	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3		
Total:	15	Total:	12

¹ **CORE:** SES Exercise Science majors are required to take specific courses for Core 20, Core 30, Core 80, and Core 90. For all other categories, they may select from any available options (see degree checklist). Apart from the major-specific core requirements, there is no set order in which core courses must be taken.

<p>Identified Marketable Skills</p> <p>Oral/Written Communications – Career Management – Teamwork/Collaboration – Professionalism/Work Ethic</p>	<p>Top Three Local Employers or Industries/Professional Programs/Possible Career Opportunities</p> <p>Fitness, Wellness, and Sport Performance Centers – Preparation for education in allied health fields – Opportunities for graduate education in exercise physiology, biomechanics, or human performance</p>
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Additional notes:

- The core curriculum must total exactly 42 hours; excess hours must be moved to the major as an elective or a major requirement and stay within the 120-hour requirement or approved total submitted to the Coordinating Board for degree requirements. Some majors specify particular courses to meet core curriculum requirements when options are available.
- At least 36 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU. A maximum of six semester hours in religion (RELI) and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.
- This degree track prepares the student with the scientific foundation for human performance with content in exercise science, biomechanics, and exercise physiology. Additionally, through appropriate use of electives, degree prepares one for further education in allied health and advanced exercise science fields.
- Important sequencing: SES 3302 is the prerequisite for SES 3356 and SES 3341; BIOL 2402 is the prerequisite for SES 3341; SES 3341 is the prerequisite for SES 4340.
- Fall only courses: SES 4343; spring only courses: ATTR 3310, SES 4340.

DISCLAIMER: This curriculum guide should be used in conjunction with the corresponding degree checklist for general planning purposes only. The degree checklist (later a student's official degree plan) should be referred to as the comprehensive list of all courses required for the degree. An official degree plan is required after completing 30 hours. Students should always seek the advice of their academic adviser before scheduling classes.