

**West Texas A&M University
Advising Services
Degree Checklist
2015-2016**

(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME: _____ **WT ID:** _____ **DATE:** _____

**Life Science (Grades 7-12) Certification
Department of Life, Earth and Environmental
Sciences – ANS 348A 651-2570**

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS
Communication (Code 10)		
ENGL 1301 Introduction to Academic Writing and Argumentation	3	
COMM 1315, 1318, or 1321	3	
Mathematics (Code 20)		
See University Core Requirements below	(3)	
Life and Physical Sciences (Code 30)		
See University Core Requirements below	(6)	
Language, Philosophy and Culture (Code 40)		
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; PHIL 1301, 2374; SPAN 2311*, 2312*/**, 2313*, or 2315* Choose 1	3	
Creative Arts (Code 50)		
ARTS 1303, ARTS 1304; DANC 2303; HUMA 1315; MUSI 1306 or 1208 and 1209* (extra MUSI hour moves to Code 90); or THRE 1310 Choose 1	3	
American History (Code 60)		
HIST 1301, 1302, 2301, 2381 Choose 2	6	
Government/Political Science (Code 70)		
POSC 2305 and 2306	6	
Social and Behavioral Sciences (80)		
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 Choose 1	3	
Component Area Option (Code 90)		
See University Core Requirements below	(6)	
LIFE SCIENCE—7-12 CERTIFICATION REQUIREMENTS: 83-89 HOURS A Grade of "C" or better and a 2.75 GPA is required.^		
UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦		
CORE 20 MATH 1314* or 1324*	3	
CORE 30 CHEM 1411*[3] Chemistry I	3	
CORE 30 CHEM 1412*[3] Chemistry II	3	
CORE 90 ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication	3	
CORE 90 CHEM 1411L[1], 1412L[1], and IDS 1071[1]	3	
BIOLOGY REQUIREMENTS: 34-39 HOURS (A grade of "C" or better and 2.75 GPA is required.^)		
BIOL 1411, 1411L Botany	4	
BIOL 1413, 1413L Zoology	4	
BIOL 2420*, 2420L Applied Microbiology OR BIOL 2572*, 2572L Microbiology	4-5	
BIOL 3301 Genetics	3	
BIOL 3440, 3440L Anatomy and Physiology of Humans	4	
BIOL 4510, 4510L General Ecology OR BIOL 4513, 4513L Plant Ecology	5	
Choose one course in each of the following rows. At least two must have labs.		
BIOL 3420, 3420L Natural History of Vertebrates BIOL 4431, 4431L Ichthyology BIOL 4432, 4432L Herpetology BIOL 4433, 4433L Ornithology BIOL 4434, 4434L Mammalogy Choose 1	4	

**Bachelor of Science Degree
Major: Biology
BS.BIOL.EDS (432) – TExES Exams: 160, 238**

BIOL 3331 Parasitology BIOL 3311* Arthropods and Public Health BIOL 3510, 3510L Entomology BIOL 3521*, 3521L Invertebrate Zoology Choose 1	3-5	
BIOL 3099* Field Biology BIOL 3385 Marine Biology BIOL 3404* Evolution BIOL/GEOL 3406*, 3406L Paleontology BIOL 3532*, 3532L Plant Classification BIOL 4335 Animal Behavior BIOL 4351* Conservation Biology BIOL 4425, 4425L Limnology Choose 1	3-5	
OTHER DEGREE REQUIREMENTS: 7-8 HOURS		
MATH 1316* Plane Trigonometry OR MATH 2412* Pre-Calculus	3-4	
FOUR HOURS FROM SUPPORTING FIELDS (CIDM, Science or MATH)	4	
EDUCATION REQUIREMENTS: 27 HOURS (A grade of "C" or better and 2.75 GPA is required.^)		
EDPD 3340* Educational Foundations	3	
EDPD 4340* Classroom Management	3	
EDRD 4386* Secondary Reading in Content Area	3	
EDSE 4320* Teaching in Secondary Schools I	3	
EDSE 4330* Teaching in Secondary Schools II	3	
EDSE 4340* Student Teaching—Secondary	3	
EDSE 4341* Student Teaching—Secondary	3	
EPSY 3341* Educational Psychology	3	
EPSY 3350 Children with Special Needs	3	
ELECTIVES: 4-10 HOURS ♦		
ELECTIVES As needed to provide a total of 120 hours.	4-10	
MINIMUM HOURS REQUIRED TO COMPLETE DEGREE	120	

♦ NOTE: 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.

* Indicates prerequisites—see catalog for more information.

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

^Transfer & WT GPA combined must be 2.75.

Note: This is NOT a degree plan. After completing 30 hours, students are encouraged to request an official degree plan in the office of the dean of the College of Agriculture and Natural Sciences, located in the Agriculture and Natural Sciences Building, Room 106 (or call 651-2585). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.