

West Texas A&M University
STARR Center
Degree Checklist
2008-2009

NAME: _____ WT ID: _____ DATE: _____

Environmental Science
Department of Life, Earth and Environmental
Sciences – ANS 348A 651-2570

CORE CURRICULUM COURSES: 31 HOURS ♦ Number of hours does not include specific core requirements listed below.		HRS
Communication (10)		
ENGL 1301 (ENG 101); 1302* (ENG 102) or 2311* (ENG 270)	6	
Communication (11)		
SCOM 1315 (101), 1318 (103), or 1321 (201)	3	
Mathematics (20)		
See University Core Requirements below	(3)	
Natural Sciences (30)		
See University Core Requirements below	(3)	
Humanities (40-41)		
ENGL 2321* (NEW), 2326* (NEW), 2331* (NEW), 2341* (NEW), 2343* (NEW); HIST 2311 (110), 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); or SPAN 2312** (207) Choose 1	3	
Visual and Performing Arts (50)		
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303 (NEW); MUSI 1306 (MUS 101) or 1208 and 1209; or THRE 1310 (105) Choose 1	3	
Social and Behavioral Sciences (60)		
HIST 1301 (201), 1302 (202), 2301 Choose 2	6	
Social and Behavioral Sciences (70)		
POSC 2305 (101) or POSC 2370 (NEW); 2306 (102)	6	
Social and Behavioral Sciences (80)		
AGBE 2317 (213), ANTH 2351 (201); CRIJ 1301 (CJ 105); ECON 2301 (ECO 201), 2302 (ECO 202), 2371; GEOG 1302 (202); PSYC 2301 (PSY 201); SCOM 2377 (255); SOCI 1301 (201); or SOCW 2361 (SOWK 201) Choose 1	3	
Institutionally Designated Option (90)		
PHED 1111 (SES 101); PHED/ANSC activity course; DANC 1241 (1070), 2241* (2370); MUEN 1026 Upon written recommendation of the University physician or the coordinator for Student Disability Services, students may substitute a one hour elective course in lieu of physical education course.	1-2	
ENVIRONMENTAL SCIENCE REQUIREMENTS: 89 HOURS Courses required for a degree in Environmental Science.		
UNIVERSITY CORE REQUIREMENTS: 11 HOURS		
MATH 1314* (110) or 1324* (115)	3	
BIOL 1406, 1406L (101) and 1407, 1407L (102) (BIOLOGY) or BIOL 1411, 1411L (122) and 1413, 1413L (121) (BIOLOGY)	8	
ENVIRONMENTAL SCIENCE CORE: 71-76 HOURS		
BIOL 2572*, 2572L (212) Microbiology	5	
BIOL 4510, 4510L (410) General Ecology	5	
BIOL 4416, 4416L (416) Introductory Biometry	4	
Choose two courses from: GESC 3313 (313) Meteorology ENVR 4306 (ESC 406) Hazardous Waste Site Assessment GESC 3303* (303) Oceanography ENVR 4430 (ESC 430) Introduction to Dendrochronology	6-8	

Bachelor of Science Degree
BS.ENVIR.SCIENCE (105)

GEOL 1403, 1403L (101, 101L) Physical Geology	4	
GEOL 1404, 1404L (102, 102L) Historical Geology	4	
GEOL 3325* (325) Environmental Geology	3	
GEOL 3350*, 3350L (350) Hydrogeology	3	
CHEM 1411*, 1411L Chemistry I	4	
CHEM 1412*, 1412L (102) Chemistry II	4	
CHEM 3310* (310) Environmental Chemistry ENVR 4404 (ESC 404) Environmental Sampling and Interpretation Choose 1	3-4	
CHEM 3511* (311) Analytical Chemistry CHEM 2533* (233) Elementary Organic Chemistry Choose 1	5	
ECON 4355* (ECO 455) Environmental and Natural Resource Economics AGBE 4355* (455) Environmental and Natural Resource Economics Choose 1	3	
ENVR 4301* (ESC 401) Preparation of Environmental Impact Statements	3	
ENVR 4302* (ESC 402) Environmental Law	3	
ENVR 4098* (ESC 403) Internship in Environmental Science	1-3	
MATH 1316* (111) Plane Trigonometry MATH 2412* Pre-Calculus Choose 1	3	
MATH 2413* (240) Calculus I	4	
PSES 3411*, 3411L (311) Soils BIOL 3418 (318) Wildland Soils Choose 1	4	
BACHELOR OF SCIENCE REQUIREMENTS OPTION		
Covered by requirements for major.		
ELECTIVES: 2-7 HOURS BY ADVISEMENT		
ELECTIVES (2-7 HOURS AS NEEDED)	2-7	
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	120	

♦ Core curriculum courses should be taken during the first two years of enrollment. For a list of core courses with descriptions see www.wtamu.edu/starr/.
* Indicates prerequisites—see [catalog](#) for more information.
** Or an equivalent course (second year, second semester) in French or German.
NOTE: At least 36 hours of advanced work (courses at the 3000- or 4000-level) are required to receive a bachelor's degree. At least 30 must be earned in residence at WTAMU.

Note: This is NOT a degree plan. Upon completion of 60 hours, apply for a degree plan in the office of the dean of the College of Agriculture, Science and Engineering located in the Agriculture and Natural Sciences Building, Room 106, or call 651-2585.