

West Texas A&M University
STARR Center
Degree Checklist
2007-2008

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

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

CORE CURRICULUM COURSES (42 HOURS)	HRS
ENGL 1301 (ENG 101) Composition and Reading	3
ENGL 1302* (ENG 102) Composition and Reading	3
SCOM 1315 (101), 1318 (103), or 1321 (201) (SPEECH COMMUNICATIONS)	3
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
ENGL 2332* (ENG 201), 2333* (202), 2371* (203); HIST 2372 (210); PHIL 1301 (101); or SPAN 2312** (207) (ENGLISH, HISTORY, PHILOSOPHY, SPANISH) Choose 1	3
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); MUSI 1306 (MUS 101) or 1208 and 1209; or THRE 1310 (105) (HUMANITIES, ART, MUSIC, THEATRE) Choose 1	3
HIST 1301 (201) America, 1492-1877	3
HIST 1302 (202) America Since 1877	3
POSC 2305 (101) American National Government POSC 2370 (NEW) Constitutional American Government Choose 1	3
POSC 2306 (102) American State and Local Government	3
AGBE 2317 (213), ANTH 2351 (201), ECON 2301 (ECO 201), GEOG 1302 (202), PSYC 2301 (PSY 201), SCOM 2377 (255), SOCI 1301 (201) (AGRICULTURAL BUSINESS AND ECONOMICS, ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, PSYCHOLOGY, SPEECH COMMUNICATION, SOCIOLOGY) Choose 1	3
PHED 1111 (SES 101) (PHYSICAL EDUCATION) 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
ENVIRONMENTAL SCIENCE REQUIREMENTS (71-76 HOURS)	
BIOL 2572*, 2572L (212) Microbiology	5
BIOL 4510, 4510L (410) General Ecology	5
BIOL 4416, 4416L (416) Introductory Biometry	4
GESC 3313 (313) Meteorology ENVR 4306 (ESC 406) Hazardous Waste Site Assessment GESC 3303* (303) Oceanography ENVR 4430 (ESC 430) Introduction to Dendrochronology ENVR 4404*** (ESC 404) Environmental Sampling and Interpretation Choose 2	6-8
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 (101) (CHEMISTRY) Chemistry I	4
CHEM 1412*, 1412L (102) Chemistry II	4
CHEM 3310* (310) Environmental Chemistry	3-4

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

ENVR 4404 (ESC 404) Environmental Sampling and Interpretation Choose 1		
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 1348* (140) Pre-Calculus Choose 1	3	
MATH 2413* (240) Calculus I	4	
PSES 3411*, 3411L (311) (PLANT SCIENCE) Soils BIOL 3418 (318) Wildland Soils Choose 1	4	
BACHELOR OF SCIENCE REQUIREMENTS (12 HOURS)		OPTION
Six hours chosen from biology, chemistry, geology, geosciences, mathematics, physics and natural sciences. (Covered by major)	0	
Six hours chosen from agricultural business and economics; agriculture; animal science; anthropology; biology; biotechnology; chemistry; computer information systems; computer science; economics; engineering; engineering technology; environmental science; geography; geology; geosciences; history; integrated pest management; mass communications; mathematics; mathematics and physical science; mechanical engineering; physics; plant, soil and environmental science; political science; psychology; sociology; speech; and sports and exercise sciences. (Covered by major)	0	
ELECTIVES (2-7 HOURS BY ADVISEMENT)****		
ELECTIVES (2-7 HOURS AS NEEDED)	2-7	
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	120	

* Indicates prerequisites—see catalog for more information.

** Or an equivalent course (second year, second semester) in French or German.

*** Cannot be used if taken in place of CHEM 3310.

**** 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.

Revised 5/07
 envir.sci.bs

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 Old Main, Room 402, or call 651-2585.