

**West Texas A&M University
Advising Services
Degree Checklist
2012-2013**

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

NAME: _____ WT ID: _____ DATE: _____

**Plant, Soil and Environmental Science
Plant and Soil Science Track
Department of Agricultural Sciences
ANS 213 651-2550**

CORE CURRICULUM COURSES: 42 HOURS ♦		
Specific course(s) required for this major are listed in the next section.		
Communication (10)		
ENGL 1301 (ENG 101); 1302* (ENG 102) or 2311* (ENG 270)	6	
Communication (11)		
COMM 1315 (SCOM 101, 1315), 1318 (SCOM 103, 1318), or 1321 (SCOM 201, 1321)	3	
Mathematics (20)		
See University Core Requirements below	(3)	
Natural Sciences (30)		
See University Core Requirements below	(8)	
Humanities (40-41)		
ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 (110), 2323, 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); SPAN 2312** (207) or SPAN 2315**/*** Choose 1	3	
Visual and Performing Arts (50)		
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) or 1208 and 1209*; or THRE 1310 (105) Choose 1	3	
Social and Behavioral Sciences (60)		
HIST 1301 (201) or 1303; 1302 (202) or 1304; 2301; 2381 Choose 2	6	
Social and Behavioral Sciences (70)		
POSC 2305 (101) or 2370; 2306 (102)	6	
Social and Behavioral Sciences (80)		
See University Core Requirements below	(3)	
Institutionally Designated Option (90)		
See University Core Requirements below	(1-3)	
PLANT, SOIL AND ENVIRONMENTAL SCIENCE—PLANT AND SOIL SCIENCE MAJOR REQUIREMENTS: 75-80 HOURS		
A grade of "C" or better must be earned in all courses required for major.		
UNIVERSITY CORE REQUIREMENTS: 15-18 HOURS		
CORE 20 MATH 1314* (110), 1324* (115), 2412*, or 2413*	3-4	
CORE 30 CHEM 1411*, 1411L (101,101L) Chemistry I AND CHEM 1412*, 1412L (102, 102L) Chemistry II OR PHYS 1401*, 1401L (101) General Physics I AND CHEM 1405*, 1405L (121) or CHEM 1411*, 1411L (101,101L)	8	
CORE 80 AGBE 2317*(213) Fund. of Agricultural Economics	3	
CORE 90 IDS 1071 (IDS 101) Elementary Group Dynamics NOTE: Take special 1-hour Agriculture section, unless required to take 3-hour course.	1-3	
MAJOR REQUIREMENTS: 60-62		
PSES 1307, 1307L (112, 112L) Principles of Plant Science	3	
PSES 2313 (PSES 251, IPM 2313) Economic Entomology	3	
PSES 2411, 2411L (311, 3411) Soils and the Environment	4	
PSES 4330* (430) Crop Physiology	3	
PSES 4342* (442) Soil Fertility	3	

**Bachelor of Science Degree
BS.PL.SOIL.ENVR.SCI (524)**

AGBE 3301* (301) Farm and Ranch Management OR AGBE 3304* (304) Agricultural Business Mgt.	3	
AGBE 3302* (302) Marketing of Agricultural Products	3	
AGRI 3301 (301) Genetics OR BIOL 3301 (301) Genetics	3	
AGRI 3318* (318) Agricultural Statistics	3	
AGRI 4103* (403) Senior Seminar	1	
ANSC 1319, 1319L (121, 121L) Principles of Animal Science	3	
AGRI 1329 (ANSC 230, 1329) Food Science OR ANSC 3374* (374) Principles of Nutrition	3	
Take one course from (include lab): BIOL 2420*, 2420L (210) Applied Microbiology BIOL 3418 (319) Wildland Soils BIOL 3510 (310) Entomology BIOL 3532* (332) Plant Classification BIOL 4510 (410) General Ecology BIOL 4513 (412) Plant Ecology	4-5	
PLANT AND SOIL SCIENCE TRACK		
AGRI 4310* (410) Global Agriculture and the Environment	3	
PSES 4331* (431) Irrigation, Soil and Water Conservation	3	
Take 15-16 hours from (include all labs): PSES 1301* (216) Principles of Horticulture PSES 3130* Soil Profile Evaluation PSES 3272 (2372) Individual Study of Seed & Plant Quality PSES 4302* (402) Range/Forage/Wildlife Management PSES 4310* Plant Breeding and Cytogenetics PSES 4311* (411) Soil Morphology and Classification PSES 4321* Grain, Fiber and Oilseed Crops PSES 4341* Weeds, Herbicides, and Cultural Control PSES 4371* (PSES 471, IPM 4371) Field Crop Entomology PSES 4398* (497) Plant, Soil and Environ. Sci. Internship BIOL 2374* (204) Wildlife Conservation BIOL 3418 (319) Wildland Soils (may not be used to fulfill both major and track requirements) BIOL 3424* (324) Wildlife Management Techniques ENVR 4305 Intro. to Geographic Information Systems ENVR 4404 Environmental Sampling and Interpretation	15-16	
ELECTIVES: 13-18 HOURS BY ADVISEMENT		
ELECTIVES (ANY LEVEL)	13-18	
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	120	

♦ A minimum of 42 hours from the core curriculum is required. Some majors specify particular courses to meet core-curriculum requirements when options are available. Ideally, these courses should be taken during the first two years of enrollment.
* Indicates prerequisites—see catalog for more information.
** Or an equivalent course (second year, second semester) in French or German.
NOTE: At least 39 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU, and 30 of the final 36 hours counted toward the degree must be earned at WTAMU. A maximum of six semester hours in religion and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

Note: This is NOT a degree plan. Before completion of 60 hours, students are allowed and encouraged to request an official 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). After completing 60 hours, students will not be allowed to progress without requesting a degree plan.