

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

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)	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 COMMUNICATION)	3
MATH 1314* (110) or 1324* (115)	3
BIOL 1411, 1411L (122, 122L) Botany	4
CHEM 1411*, 1411L (101, 101L) Chemistry I	4
ENGL 2332* (ENG 201), 2333* (202), 2371* (203); HIST 2372 (210); PHIL 1301 (101); or SPAN 2312*/** (207) (ENGLISH, HISTORY, PHILOSOPHY, SPANISH) <b>Choose 1</b>	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) <b>Choose 1</b>	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 <b>Choose 1</b>	3
POSC 2306 (102) American State and Local Government	3
AGBE 2317* (213) (AGRICULTURAL BUSINESS AND ECONOMICS) Fundamentals of Agricultural Economics	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
DEPARTMENT CORE (13 HOURS)	
IDS 1071 (IDS 101) (INTERDISCIPLINARY STUDIES) <b>NOTE: SPECIAL SECTION-AG MAJORS UNLESS REQUIRED TO TAKE 3 HR COURSE</b>	1
AGRI 3301 (301) (AGRICULTURE) Genetics <b>Choose 1</b>	3
BIOL 3301 (301) Genetics	3
AGRI 3318* (318) Agricultural Statistics	3
ANSC 1319, 1319L (121, 121L) (ANIMAL SCIENCE) Principles of Animal Science	3
PSES 1307, 1307L (112, 112L) (PLANT SCIENCE) Principles of Plant Science	3
AGRICULTURAL SCIENCE CORE (23 HOURS)	
AGBE 3301* (301) Farm and Ranch Management AGBE 3304* (304) Agricultural Business Management <b>Choose 1</b>	3
AGBE 3302* (302) Marketing of Agricultural Products	3
AGRI 3330* (330) Computer Applications in Agriculture	3
AGRI 4103* (403) Senior Seminar	1
ANSC 1329 (230) Food Science	3

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

ANSC 3374 (374) Principles of Nutrition	3
IPM 2313 (PSES 251) (INTEGRATED PEST MGT.) Economic Entomology	3
PSES 3411*, PSES 3411L (311) Soils	4
MAJOR REQUIREMENTS (17-18 HOURS)	
PSES 3342* (342) Plant Breeding	3
PSES 4330* (430) Crop Physiology	3
PSES 4342* (442) Soil Fertility	3
BIOL 2420* (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 include all Labs (Include all labs) <b>Choose 1</b>	4-5
CHEM 1412*, 1412L (102, 102L) Chemistry II	4
PLANT AND SOIL SCIENCE TRACK (21 HOURS)	
AGRI 4310* (410) Global Agriculture and the Environment	3
PSES 4331* (431) Irrigation, Soil and Water Conservation	3
PSES 1301* (216) Principles of Horticulture PSES 2371* (231) Grain and Forage Crops PSES 4302* (402) Range Management PSES 4311* (411) Soil Morphology and Classification PSES 4398* (497) Plant, Soil and Environmental Science Internship IPM 3343* (PSES 343) Weeds and Weed Control IPM 4343* (PSES 443) Pest Management IPM 4351*** (PSES 451) Plant Pathology IPM 4361* Agricultural Chemicals IPM 4371* (PSES 471) Field Crop Entomology (Include all labs) <b>Choose 5</b>	15
ELECTIVES (3-4 HOURS BY ADVISEMENT)	
ELECTIVES (ANY LEVEL)	3-4
<b>TOTAL HOURS REQUIRED TO COMPLETE DEGREE</b>	<b>120</b>

\* Indicates prerequisites—see catalog for more information.

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

\*\*\* BIOL 1411 and 1413 (or 1406 and 1407) are prerequisites for IPM 4351 (PSES 451).

NOTE: Some courses have prerequisites which are not included within the degree and may need to be taken as electives.

Revised 6/07  
pSES.pss.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.**