

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

NAME: _____ WT ID: _____ DATE: _____

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

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

CORE CURRICULUM COURSES: 28 HOURS ♦		HRS	
Number of hours does not include specific core requirements listed below.			
Communication (10)			
ENGL 1301 (ENG 101); 1302* (ENG 102) or 2311* (ENG 270)	3		
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	(8)		
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)			
See University Core Requirements below	(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.	1-3		
PLANT, SOIL AND ENVIRONMENTAL SCIENCE (IPM TRACK) REQUIREMENTS: 92 Courses required for a degree in Plant, Soil & Environmental Science (IPM TRACK).			
UNIVERSITY CORE REQUIREMENTS: 14 HOURS			
CORE 20 MATH 1314* (110) or 1324** (115)	3		
CORE 30 BIOL 1411, 1411L (122, 122L) Botany and CHEM 1411*, 1411L (101, 101L) Chemistry I	8		
CORE 80 AGBE 2317*(213) Fund. of Agricultural Economics	3		
DEPARTMENT CORE (13 HOURS)			
IDS 1071 (IDS 101) (INTERDISCIPLINARY STUDIES) <i>NOTE: SPECIAL SECTION-AG MAJORS UNLESS REQUIRED TO TAKE 3 HR COURSE</i>	1		
AGRI 3301 (301) Genetics BIOL 3301 (301) Genetics Choose 1	3		
AGRI 3318* (318) Agricultural Statistics	3		
ANSC 1319, 1319L (121, 121L) Principles of Animal Sci.	3		
PSES 1307, 1307L (112, 112L) Principles of Plant Sci.	3		
AGRICULTURAL SCIENCE CORE (23 HOURS)			

AGBE 3301* (301) Farm and Ranch Management AGBE 3304* (304) Agricultural Business Mgt. Choose 1	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		
ANSC 3374 (374) Principles of Nutrition	3		
IPM 2313 (PSES 251) 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		
Take one course from (include lab): BIOL 2420* (210) Applied Microbiology BIOL 2572*, 2572L (212) 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	4-5		
CHEM 1412*, 1412L (102, 102L) Chemistry II	4		
INTEGRATED PEST MANAGEMENT TRACK (21-22 HOURS)			
IPM 3343* (PSES 343) Weeds and Weed Control	3		
IPM 4343* (PSES 443) Pest Management	3		
IPM 4351*** (PSES 451) Plant Pathology	3		
IPM 4361* Agricultural Chemicals	3		
IPM 4371* (PSES 471) Field Crop Entomology	3		
Take two courses from (include all labs): PSES 2371* (231) Grain and Forage Crops PSES 4302* (402) Range Management PSES 4331* (431) Irrigation, Soil & Water Conservation AGRI 4310* (410) Global Agriculture & the Environment BIOL 3411* (311) Arthropods and Public Health PSES 4398* (497) Plant, Soil and Environmental Science Internship	6-7		
ELECTIVES (2-4 HOURS BY ADVISEMENT)			
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.
*** 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.

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.