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.PSES.IPM (526)

CORE CURRICULUM COURSES: 42 HOURS ♦	HRS	
Communication (Code 10)		
ENGL 1301 Introduction to Academic Writing and Argumentation	3	
COMM 1315, 1318, or 1321	3	
Mathematics (Code 20)		
See **University Core Requirements** below	(3)	
Life and Physical Sciences (Code 30)		
See **University Core Requirements** below	(6)	
Language, Philosophy and Culture (Code 40)		
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; PHIL 1301, 2374; SPAN 2311*, 2312*/**, 2313*, or 2315* **Choose 1**	3	
Creative Arts (Code 50)		
ARTS 1303, ARTS 1304; DANC 2303; HUMA 1315; MUSI 1306 **or** 1208 **and** 1209* (extra MUSI hour moves to Code 90); or THRE 1310 **Choose 1**	3	
American History (Code 60)		
HIST 1301, 1302, 2301, 2381 **Choose 2**	6	
Government/Political Science (Code 70)		
POSC 2305 and 2306	6	
Social and Behavioral Sciences (Code 80)		
See **University Core Requirements** below	(3)	
Institutionally Designated Option (Code 90)		
See **University Core Requirements** below	(6)	

PLANT, SOIL AND ENVIRONMENTAL SCIENCE—INTEGRATED PEST MANAGEMENT MAJOR REQUIREMENTS: 78-80 HOURS
A grade of "C" or better must be earned in all courses required for major.

UNIVERSITY CORE REQUIREMENTS: 18 HOURS ♦		
CORE 20 MATH 1314* (110), 1324* (115), 2412*[3], or 2413*[3] ♦	3	
CORE 30 CHEM 1411*[3] Chemistry I **AND** CHEM 1412*[3] Chemistry II OR PHYS 1401*[3] General Physics I **AND** CHEM 1405*[3] or CHEM 1411*[3]	6	
CORE 80 AGBE 2317* Fund. of Agricultural Economics	3	
CORE 90 IDS 1071[1] **AND** CHEM 1411L[1] and CHEM 1412L[1] OR PHYS 1401L[1] and CHEM 1405L[1] or CHEM 1411L[1]	3	
CORE 90 ENGL 1302* or 2311*	3	

MAJOR REQUIREMENTS: 60-62		
PSES 1307, 1307L Principles of Plant Science	3	
PSES 2313 Economic Entomology	3	
PSES 2411, 2411L Soils and the Environment	4	
PSES 4330* Crop Physiology	3	
PSES 4342* Soil Fertility	3	

AGBE 3301* Farm and Ranch Management **OR** AGBE 3304* Agricultural Business Mgt.	3	
AGBE 3302* Marketing of Agricultural Products	3	
AGRI 3301 Genetics **OR** BIOL 3301 Genetics	3	
AGRI 3318* Agricultural Statistics	3	
AGRI 4103* Senior Seminar	1	
ANSC 1319, 1319L Principles of Animal Science	3	
AGRI 1329 Food Science **OR** ANSC 3374* Principles of Nutrition	3	
INTEGRATED PEST MANAGEMENT TRACK		
PSES 4341* Weeds, Herbicides, and Cultural Control	3	
PSES 4371* Field Crop Entomology	3	
SELECTIVES: Take 19-21 hours from the courses below, including a minimum of 12 hours of PSES courses (include all labs): PSES 4302* Range/Forage/Wildlife Management PSES 4310* Plant Breeding and Cytogenetics PSES 4321* Grain, Fiber and Oilseed Crops PSES 4331* Irrigation, Soil & Water Conservation PSES 4352, 4352L Integrated Grazing & Wildlife Habitat Mgt. PSES 4398* Plant, Soil and Environmental Science Internship BIOL 2420*, 2420L Applied Microbiology BIOL 3311* Arthropods and Public Health BIOL 3510 Entomology BIOL 3532* Plant Classification BIOL 4510 General Ecology BIOL 4513 Plant Ecology AGRI 4310* Global Agriculture & the Environment	19-21	
ELECTIVES: 14-16 HOURS BY ADVISEMENT ♦		
ELECTIVES **NOTE: MATH 2412[1] or 2413[1] will need to be counted here if taken to satisfy Core 20 requirement (making elective hours 13-15).**	14-16	
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	**120**	

♦ The core curriculum must total **exactly 42 hours**; excess hours must be moved to the major as an elective or a major requirement and stay within the 120-hour requirement or approved total submitted to the Coordinating Board for degree requirements. Some majors specify particular courses to meet core curriculum requirements when options are available.
* Indicates prerequisites—see catalog for more information.
** Or an equivalent course (second year, second semester) in a foreign language.
NOTE: Some courses have prerequisites which are not included within the degree and may need to be taken as electives.
NOTE II: 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. After completing 30 hours, students are encouraged to request an official degree plan in the office of the dean of the College of Agriculture and Natural Sciences, located in the Agriculture and Natural Sciences Building, Room 106 (or call 651-2585). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.

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Advising Services
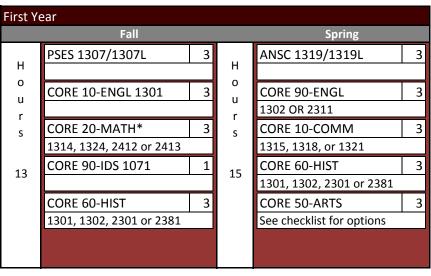
ANS 213   651-2550   Degree Plan Total Hours: 120   Major Code: 526

First Year

Hours	Fall		Hours	Spring	
13	PSES 1307/1307L	3	15	ANSC 1319/1319L	3
	CORE 10-ENGL 1301	3		CORE 90-ENGL 1302 OR 2311	3
	CORE 20-MATH* 1314, 1324, 2412 or 2413	3		CORE 10-COMM 1315, 1318, or 1321	3
	CORE 90-IDS 1071	1		CORE 60-HIST 1301, 1302, 2301 or 2381	3
	CORE 60-HIST 1301, 1302, 2301 or 2381	3		CORE 50-ARTS See checklist for options	3

Second Year

Hours	Fall		Hours	Spring	
16	CORE 30-LAB SCIENCE* See checklist for options	4	17	PSES 2313	3
	CORE 80 AGBE 2317	3		PSES 2411/2411L	4
	CORE 40 See checklist for options	3		CORE 30-LAB SCIENCE* See checklist for options	4
	CORE 70-POSC 2305 or 2306	3		AGRI 3301 OR BIOL 3301	3
	ELECTIVE	3		ELECTIVE	3

Third Year

Hours	Fall		Hours	Spring	
15	PSES 4341 OR 4371	3	15	PSES REQUIREMENT See checklist	3
	AGBE 3301 OR 3304	3		PSES REQUIREMENT See checklist	3
	AGRI 1329 OR ANSC 3374	3		AGBE 3302	3
	PSES SELECTIVE See checklist for options	3		AGRI 3318	3
	PSES SELECTIVE See checklist for options	3		CORE 70-POSC 2305 or 2306	3

Fourth Year

Hours	Fall		Hours	Spring	
15	PSES 4341 OR 4371	3	14	PSES REQUIREMENT See checklist	3
	PSES SELECTIVE See checklist for options	3		PSES REQUIREMENT See checklist	3
	PSES ELECTIVE	3		PSES SELECTIVE See checklist for options	3
	ELECTIVE	3		AGRI 4103	1
	ELECTIVE	3		ELECTIVE	3
				ELECTIVE	1

DISCLAIMER: This curriculum guide should be used in conjunction with the corresponding degree checklist for general planning purposes only. The degree checklist (later a student's official degree plan) should be referred to as the comprehensive list of all courses required for the degree. An official degree plan is required after completing 45 hours. Students should always seek the advice of their academic adviser before scheduling classes.

Notes:
* **Core 90:** Lab hours for 4-hour Core 30 courses and extra hour from 4-hour Core 20 courses (if taken) must be counted in Core 90.

9/11/15