

**West Texas A&M University
Advising Services
Degree Checklist
2015-2016**

(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 ♦		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)		
Component Area Option (Code 90)			
See University Core Requirements below	(6)		
PLANT, SOIL AND ENVIRONMENTAL SCIENCE—PLANT AND SOIL SCIENCE 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*, 1324*, 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* Fundamentals of Agricultural Economics	3		
CORE 90 IDS 1071[1] (IDS 101) 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 HOURS			
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 Management	3		

**Bachelor of Science Degree
BS.PSES (526)**

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		
PLANT AND SOIL SCIENCE TRACK			
AGRI 4310* Global Agriculture and the Environment	3		
PSES 4331* Irrigation, Soil and Water Conservation	3		
SELECTIVES: Take 19-21 hours from the courses below, including a minimum of 12 hours of PSES courses (include all labs): PSES 1301* Principles of Horticulture PSES 3272 Individual Study of Seed & Plant Quality PSES 3350 (NEW) Rangeland Plants PSES 4302* Range/Forage/Wildlife Management PSES 4310* Plant Breeding and Cytogenetics PSES 4321* Grain, Fiber and Oilseed Crops PSES 4341* Weeds, Herbicides, and Cultural Control PSES 4350* (NEW) Rangeland Inventories and Studies PSES 4352 Integrated Grazing & Wildlife Habitat Mgt. PSES 4354 (NEW) Rangeland Ecology PSES 4356 (NEW) Rangeland Improvements PSES 4371* Field Crop Entomology PSES 4398* Plant, Soil and Environ. Sci. Internship BIOL 2374* Wildlife Conservation BIOL 2420, 2420L* Applied Microbiology BIOL 3424* Wildlife Management Techniques BIOL 3532* Plant Classification BIOL 4510 General Ecology BIOL 4513 Plant Ecology ENVR 4305 Intro. to Geographic Information Systems ENVR 4404 Environmental Sampling and Interpretation	19-21		
ELECTIVES: 16-18 HOURS BY ADVISEMENT ♦			
ELECTIVES (ANY LEVEL) NOTE: MATH 2412[1] or 2413[1] will need to be counted here if taken to satisfy Core 20 requirement.	16-18		
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: 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.



First Year					
Fall			Spring		
H o u r s 13	PSES 1307/1307L	3	H o u r s 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	3
				See checklist for options	

Second Year					
Fall			Spring		
H o u r s 16	CORE 30-LAB SCIENCE*	4	H o u r s 17	PSES 2313	3
	See checklist for options			PSES 2411/2411L	4
	CORE 80-AGBE 2317	3		CORE 30-LAB SCIENCE*	4
	CORE 40	3		See checklist for options	
	CORE 70-POSC 2305 OR 2370; 2306	3		AGRI 3301 OR BIOL 3301	3
	ELECTIVE	3		ELECTIVE	3

Third Year					
Fall			Spring		
H o u r s 15	PSES SELECTIVE OR AGRI 4310	3	H o u r s 15	PSES REQUIREMENT	3
	AGBE 3304 OR AGBE 3301	3		See checklist	
	AGRI 1329 OR ANSC 3374	3		PSES REQUIREMENT	3
	See checklist for options			See checklist	
	PSES SELECTIVE	3		AGBE 3302	3
	See checklist for options			AGRI 3318	3
PSES SELECTIVE	3	CORE 70-POSC 2305 OR 2370; 2306	3		
See checklist for options					

Fourth Year					
Fall			Spring		
H o u r s 15	PSES SELECTIVE OR AGRI 4310	3	H o u r s 14	PSES REQUIREMENT	3
	See checklist for options			See checklist	
	PSES SELECTIVE	3		PSES REQUIREMENT	3
	See checklist for options			See checklist	
	PSES SELECTIVE	3		PSES SELECTIVE	3
	See checklist for options			See checklist for options	
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 the extra hour from 4-hour Core 20 courses (if taken) must be counted in Core 90.