

BS Plant and Environmental Soil Science - DEGREE PLAN - Catalog 137

Name _____ Emphasis Area _____
 UIN # _____ Todays date _____

Writing Requirement (2 courses) _____ Foreign Language (2 yrs HS OR 2 semesters University) ⁴ _____
 International & Cultural Diversity (6 hrs) _____ 36 hrs of 300-400 level coursework at TAMU _____

	Credit Hours	Grade	Projected Date		Credit Hours	Grade	Projected Date
University Core Curriculum				Crop Emphasis			
Communication (6)				SCSC 304 Plant Breeding & Genetics	3		
COMM 203 (SPCH 1315)	3			SCSC 311 W (900section)1	3		
Communication Elective ¹	3			SCSC 402 Crop Stress Mgmt	4		
Mathematics¹ (6)				SCSC 410 Internatl Ag Systems	3		
MATH 141 (1324) or 151 (2413)	3			SCSC 441 Crop Production Sys	3		
MATH 142 (1325) or 152 (2414)	3			SCSC Directed Electives	9		
Natural Sciences (9)							
BIOL 101 or 111 (BIOL 1411 or 1406)	4						
CHEM 101 & 111 (CHEM 1411)	4						
Natural Science Elective	1						
EX:				Soil & Water Emphasis			
				GEOG 390 or ESSM 351	3		
Language, Philosophy, Culture(3)	3			SCSC 310 Soil Morphology	2		
				SCSC 405 Soil & Water Microbiology	4		
Creative Arts (3)				SCSC 422 Fertility & Plant Nutr Mgmt	3		
	3			SCSC 432 Soil & Plant Nutr Lab	1		
Agricultural Economics				SCSC 455 Envir Soil & Water Sci	3		
AGEC 105 *	3			SCSC 458 Watersheds & Water Quality Sys	3		
U.S. History¹ (6)				Directed electives	6		
	3						
	3						
Political Science¹ (6)							
	3						
	3						
				ICD	6		
Total Core Curriculum	42			Free electives			
Soil & Crop Sciences Requirements							
CHEM 222	3						
SCSC 205 Problem Solving Plant & Soi	3						
SCSC 301 Soil Science	4						
SCSC 307 Crop Biology & Physiology	4						
SCSC 309 Water in Soils & Plants	4						
SCSC 481-- Seminar (900section) ¹	2						
SCSC 484/491 or study abroad	3						
STAT 302 or ESSM 313	3						
Pest Mgmt ENTO 201/401, PLPA 301/303, SCSC 446	7 to 8						
Ecology Elective RENR 205, SCSC 444	3			TOTAL HOURS	120		

¹Approved requirements outlined in TAMU catalog. Students must complete 6 credit hours of International and Cultural Diversity courses and two courses in their major that are designated as writing intensive (W) 900 section number .

Directed electives are to be chosen from the opposite emphasis area. Please see your advisor for details.

⁴Some proficiency in a foreign language met by: 2 full years in high school, 2 semesters at college level or exam. See TAMU catalog for full details.

* AGECE 105 will satisfy a Social & Behavioral credit.