

# BS Plant and Environmental Soil Science - DEGREE PLAN

Name \_\_\_\_\_ Emphasis Area \_\_\_\_\_  
 UIN # \_\_\_\_\_ Todays date \_\_\_\_\_

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

	Credit Hours	Grade	Projected Date		Credit Hours	Grade	Projected Date
<b>University Core Curriculum</b>				<b>Crop Emphasis</b>			
<b>Communication (6)</b>				SCSC 304 Plant Breeding & Genetics			
COMM 203 (SPCH 1315)	3			SCSC 311 W (900section)1	3		
Communication Elective <sup>1</sup>	3			SCSC 402 Crop Stress Mgmt	4		
<b>Mathematics<sup>1</sup> (6)</b>				SCSC 410 Internatl Ag Systems			
MATH 140 (1324) or 151 (2413) or 166 (1332)	3			SCSC 441 Crop Production Sys	3		
MATH 142 (1325) or 152 (2414) or 167	3			SCSC Directed Electives	9		
<b>Natural Sciences (9)</b>							
BIOL 101 or 111 (BIOL 1411 or 1406)	4						
CHEM 101 & 111 (CHEM 1411)	4						
Natural Science Elective	1						
EX:				<b>Soil &amp; Water Emphasis</b>			
<b>Language, Philosophy, Culture(3)</b>				GEOG 390 or ESSM 351			
	3			SCSC 310 Soil Morphology	2		
<b>Creative Arts (3)</b>				SCSC 405 Soil & Water Microbiology			
	3			SCSC 406 Soil Water Micro Lab	1		
<b>Agricultural Economics</b>				SCSC 422 Fertility & Plant Nutr Mgmt			
AGEC 105 *	3			SCSC 432 Soil & Plant Nutr Lab	1		
<b>U.S. History<sup>1</sup> (6)</b>				SCSC 455 Envir Soil & Water Sci			
	3			SCSC 458 Watersheds & Water Quality Sys	3		
	3			Directed electives	6		
<b>Political Science<sup>1</sup> (6)</b>							
	3						
	3						
				ICD			
<b>Total Core Curriculum</b>				Free electives			
	<b>42</b>				17		
<b>Soil &amp; Crop Sciences Requirements</b>							
CHEM 222	3						
SCSC 205 Problem Solving Plant & Soil	3						
SCSC 301 Soil Science	4						
SCSC 307 Crop Biology & Physiology	4						
SCSC 309 Water in Soils & Plants	4						
SCSC 481-- Seminar (900section) <sup>1</sup>	2						
SCSC 484/491 or study abroad	3						
STAT 201 (MATH 1342), 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			<b>TOTAL HOURS</b>		<b>120</b>	

<sup>1</sup>Approved 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.

<sup>4</sup>Some 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.

\* AGEC 105 will satisfy a Social & Behavioral credit.