



**College of Agricultural Sciences and Natural Resources**

**Degree/Major:** BSAG Plant and Soil Sciences **Option:** Plant Biotechnology and Improvement **Academic Year:** 2014-15

**Proposed\* Four-Year Degree Plan**

Year One					
Fall Semester			Spring Semester		
ENGL	1113	Freshman Composition I	ENGL	1213	Freshman Composition II
AG	1011	Orientation	BIOL	1114	Intro to Bio
PLNT	1101	Orientation	CHEM	1515	General Chem II
PLNT	1213	Intro to Plant and Soil	PLNT	2013	Applied Plant Science
CHEM	1314	General Chem I			
MATH	1613	Trigonometry			
Total: 15 credit hours			Total: 15 credit hours		

Year Two					
Fall Semester			Spring Semester		
MATH	2144	CALC I	AGEC	1113	Intro to Ag Econ
BOT	1404	Plant Biology	PHYS	1114	General Physics
PLNT	2041	Career Dev. In Plant and Soil Sci	POLS	1113	American Government
MICR	2123	Intro to microbiology	SOIL	2124	Fundamentals of Soil Science
MICR	2132	Intro to Microbiology Lab	STAT	2013	Elementary Statistics
SPCH	2713				
Total: 17 credit hours			Total: 17 credit hours		

Year Three					
Fall Semester			Spring Semester		
CHEM	3053	Organic Chemistry	(H)	XXXX	
SOIL	4234	Soil Nutrient Management	ENTO	2993	Intro to Entomology
MICR	3223	Advanced Microbiology	BOT	3463	Plant Physiology
PLNT	3554	Plant Genetics and Biotechnology	SOIL	4483	Soil Microbiology
MICR	XXX3		PLNT	4353	Plant Breeding
Total: 17 credit hours			Total: 15 credit hours		

Year Four					
Fall Semester			Spring Semester		
(D)	XXX3		(H)	XXXX	
BIOC	3653	Survey of Biochem	(I)	XXXX	
PLNT	4571	Professional Preparation in Plant & Soil	ENGL	3323	Technical Writing
PLNT	4080	Professional Internship	PLNT	4990	Senior thesis in PASS
MICR	XXX3		PLNT	4123	Plant-Environment Interactions
Total: 13 credit hours			Total: 15 credit hours		

\*This plan is an example of how a student may successfully complete degree requirements in four years. Students are responsible for completing requirements in the official degree sheet for each major. It is mandatory for a student to meet with an academic advisor prior to course enrollment each semester.