

**Agronomy Four-Year Plan
Research and Development Option
2005-07 Catalog**

Year 1

<u>Fall</u>			<u>Spring</u>		
Agron 110	Orientation	.5	Agron 154	Fundamentals of Soil Science	3
Agron 114	Fundamentals of Agronomy	3	Chem 178/178L	General Chemistry II & Lab	4
Biol 211/211L	Principles of Biology I and Lab	4	Biol 212/212L	Principles of Biology II and Lab	4
Chem 177/177L	General Chemistry I & Lab	5	Engl 105	First-Year Composition II	3
Engl 104	First-Year Composition I	<u>3</u>	Lib 160	Library Instruction	<u>0.5</u>
		15.5			14.5

Year 2

<u>Fall</u>			<u>Spring</u>		
Agron 206	Introduction to Meteorology	3	Agron 210	Career Planning	1
Agron 230	Crop Structure-Function Relation.	3	Geol 100	The Earth	3
SPCM 212	Fundamentals of Public Speaking	3	Math 166 or 182	Calculus II	4
Math 165 or 181	Calculus I	4	Phys 221	Intro to Classical Physics I	5
	Free elective	<u>3</u>		Humanities elective	<u>3</u>
		16			16

Year 3

<u>Fall</u>			<u>Spring</u>		
Agron 354/354L	Soils and Plant Growth & Lab	4	Stat 104	Introduction to Statistics	3
Chem 331/331L	Elementary Organic Chem I & Lab	4	Agron 320	Genetics in Ag & Biotechnology	3
Micro 302	Biology of Microorganisms	3	Chem 332/332L	Elementary Organic Chem II & Lab	4
Micro 302L	Microbiology Lab	1		International Perspective elective	3
	Social Science elective	<u>3</u>		Free elective	<u>3</u>
		15			16

Year 4

<u>Fall</u>			<u>Spring</u>		
Agron 392	Sys. Anal. in Crop/Soil Mgmt.	3	Agron 410	Senior Forum	1
Engl 314	Technical Communication	3	Biol 330A	Plant Physiology	4
	U.S. Diversity elective	3		Agronomy elective	3
	Ag issues elective	3		Ethics elective	3
	Free electives	<u>6</u>		Free electives	<u>6</u>
		18			17

Total credits 128*

*In addition, students would have to meet requirements in the following areas:

Leadership (Agron 105) – met by serving as an officer or committee chair of any campus organization, or by taking an elective leadership course

Internship (Agron 310) – met by working six months full-time equivalent in agronomy-related areas

Computer proficiency – met by demonstrating computer proficiency to adviser or taking an elective computer course