

**Agronomy Four-Year Plan  
Plant Breeding and Biotechnology 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	Biol 212/212L	Principles of Biology II and Lab	4
Biol 211/211L	Principles of Biology I and Lab	4	Chem 178/178L	General Chemistry II & 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 210	Career Planning	1	Agron 212	Grain and Forage Crops	4
Agron 230	Crop Structure-Function Relation.	3	Biol 314/314L	Molecular Cell Biology/Biochem	4
Biol 313/313L	Principles of Genetics and Lab	4	Math 166 or 182	Calculus II	4
Math 165 or 181	Calculus I	4	Phys 111	General Physics I	<u>4</u>
SPCM 212	Fundamentals of Public Speaking	<u>3</u>			16
		15			

**Year 3**

<u>Fall</u>			<u>Spring</u>		
Biol 315	Biological Evolution	3	Biol 330A	Plant Physiology	4
Chem 231/231L	Elementary Organic Chem & Lab	4	Com S 207	Programming I	3
Stat 104	Introduction to Statistics	3		Agricultural issues elective	3
	Humanities elective	3		Free electives	<u>6</u>
	Free elective	<u>3</u>			16
		16			

**Year 4**

<u>Fall</u>			<u>Spring</u>		
Agron 421	Introduction to Plant Breeding	3	Agron 410	Senior Forum	1
Engl 314	Technical Communication	3		Agronomy elective	3
Gen 410	Transmission Genetics	3		U.S. Diversity elective	3
	Social science elective	3		Ethics elective	3
	International perspectives elective	3		Free electives	<u>7</u>
	Free electives	<u>3</u>			17
		18			

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