

# MAJOR IN SOIL AND CROP SCIENCES, APPLIED INFORMATION TECHNOLOGY CONCENTRATION

## Major Completion Map

### Freshman

Semester 1	Critical	Recommended	AUCC	Credits
Select one course from the following:				1
AGRI 192 Orientation to Agricultural Systems				
AGRI 292 Transfer Seminar				
Select one course from the following:				3-4
BUS 150 Business Computing Concepts and Applications	X			
CS 110 Personal Computing	X			
BZ 120 Principles of Plant Biology (GT-SC1)	X		3A	4
MATH 117 College Algebra in Context I (GT-MA1)	X		1B	1
MATH 118 College Algebra in Context II (GT-MA1)	X		1B	1
MATH 124 Logarithmic and Exponential Functions (GT-MA1)	X		1B	1
SOCR 100 General Crops				4
<b>Total Credits</b>				<b>15</b>

Semester 2	Critical	Recommended	AUCC	Credits
CHEM 107 Fundamentals of Chemistry (GT-SC2)	X		3A	4
CHEM 108 Fundamentals of Chemistry Laboratory (GT-SC1)			3A	1
CIS 200 Business Information Systems	X			3
CO 150 College Composition (GT-CO2)			1A	3
PH 110 Physics of Everyday Phenomena (GT-SC2)			3A	3
SOCR 177 Applied Information Technology in Agriculture				1
CO 150 and AUCC 1B (Quantitative Reasoning) must be completed by the end of Semester 2.	X			
<b>Total Credits</b>				<b>15</b>

### Sophomore

Semester 3	Critical	Recommended	AUCC	Credits
AREC 202 Agricultural and Resource Economics (GT-SS1)			3C	3
CIS 210 Information Technology in Business	X			3
CIS 240 Application Design and Development				3
Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> )			3B	3
Diversity and Global Awareness ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-global-awareness">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-global-awareness</a> )			3E	3
<b>Total Credits</b>				<b>15</b>

Semester 4	Critical	Recommended	AUCC	Credits
MATH 141 Calculus in Management Sciences (GT-MA1)	X		1B	3
PHIL 110 Logic and Critical Thinking (GT-AH3)			3B	3
SOCR 240 Introductory Soil Science	X			4
SPCM 200 Public Speaking				3
Historical Perspectives ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives</a> )			3D	3
<b>Total Credits</b>				<b>16</b>

<i>Junior</i>					
<b>Semester 5</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
Select one course from the following:					3
LIFE 220/ LAND 220	Fundamentals of Ecology (GT-SC2)			3A	
LIFE 320	Ecology				
NR 322	Intro. to Geographic Information Systems				4
NR 323/GR 323	Remote Sensing and Image Interpretation				3
Select one course from the following:					3
STAT 301	Introduction to Applied Statistical Methods				
STAT 307	Introduction to Biostatistics				
SOCR Elective (See List on Concentration Requirements Tab)					3
<b>Total Credits</b>					<b>16</b>
<b>Semester 6</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
CIS 320	Project Management for Information Systems				3
Select one course from the following:					3
CO 300	Writing Arguments (GT-CO3)			2	
JTC 300	Strategic Writing and Communication (GT-CO3)			2	
Select one course from the following:					2-3
FSHN 125	Food and Nutrition in Health				
FSHN 150	Survey of Human Nutrition				
Electives					5-6
AREC 202 must be completed by the end of Semester 6.		X			
<b>Total Credits</b>					<b>14</b>
<i>Senior</i>					
<b>Semester 7</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
AREC 478	Agricultural Policy				3
CIS 355	Business Database Systems				3
SOCR 377	Geographic Information Systems in Agriculture	X		4A,4B,4C	3
SOCR 492	Preparing for Impact–Your Career Journey	X		4A,4C	1
SOCR Elective (See List on Concentration Requirements Tab)					3
Elective					3
NR 322 must be completed by the end of Semester 7.		X			
<b>Total Credits</b>					<b>16</b>
<b>Semester 8</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
NR 423	Applications of Global Positioning Systems	X			1
SOCR 487	Internship	X		4A	6
SOCR Elective (See List on Concentration Requirements Tab)					3
Electives					3-4
The benchmark courses for the 8th semester are the remaining courses in the entire program of study.		X			
<b>Total Credits</b>					<b>13</b>
<b>Program Total Credits:</b>					<b>120</b>