

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
Total Credits					15

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.					
Total Credits					15

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 (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)					3
Diversity and Global Awareness (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-global-awareness)					3
Total Credits					15

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 (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)					3
Total Credits					16

<i>Junior</i>					
Semester 5		Critical	Recommended	AUCC	Credits
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
Total Credits					16
Semester 6		Critical	Recommended	AUCC	Credits
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			
Total Credits					14
<i>Senior</i>					
Semester 7		Critical	Recommended	AUCC	Credits
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			
Total Credits					16
Semester 8		Critical	Recommended	AUCC	Credits
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			
Total Credits					13
Program Total Credits:					120