

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

## Major Completion Map

### Freshman

#### Semester 1

Select one course from the following:

AGRI 192 Orientation to Agricultural Systems

AGRI 292 Transfer Seminar

Select one course from the following:

BUS 150 Business Computing Concepts and Applications

CS 110 Personal Computing

BZ 120 Principles of Plant Biology (GT-SC1)

MATH 117 College Algebra in Context I (GT-MA1)

MATH 118 College Algebra in Context II (GT-MA1)

MATH 124 Logarithmic and Exponential Functions (GT-MA1)

SOCR 100 General Crops

Critical

Recommended

AUCC

Credits

1

3-4

4

1

1

1

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.

X

#### 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>)

3B

3

Diversity and Global Awareness (<http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-global-awareness>)

3E

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>)

3D

3

#### Total Credits

16

**Junior**

<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

**Total Credits****16**

<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			

**Total Credits****14****Senior**

<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			

**Total Credits****16**

<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)	X			3
Electives	X			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**