

# MAJOR IN AGRICULTURAL EDUCATION, TEACHER DEVELOPMENT CONCENTRATION

## Major Completion Map

### Freshman

Semester 1		Critical	Recommended	AUCC	Credits
AGED 210	History of Agriculture in the United States			3D	3
AGED 220	Understanding Agricultural Education		X		1
AREC 192	Orientation to Agricultural and Resource Econ				1
CO 150	College Composition (GT-CO2)			1A	3
Select one course from the following:					4
ANEQ 101	Food Animal Science				
ANEQ 102	Introduction to Equine Science				
Select 4 credits from the following:					4
BZ 110 & BZ 111	Principles of Animal Biology (GT-SC2)			3A	
BZ 120	Principles of Plant Biology (GT-SC1)			3A	
LIFE 102	Attributes of Living Systems (GT-SC1)			3A	

**Total Credits** **16**

Semester 2		Critical	Recommended	AUCC	Credits
AREC 202	Agricultural and Resource Economics (GT-SS1)		X	3C	3
AGED 240	Technical Tool Applications in Ag Education	X			2
ANEQ 250	Live Animal and Carcass Evaluation				3
CHEM 107	Fundamentals of Chemistry (GT-SC2)			3A	4
Select a minimum of three credits from the following:					3-4
MATH 117	College Algebra in Context I (GT-MA1)	X		1B	
MATH 118	College Algebra in Context II (GT-MA1)	X		1B	
MATH 124	Logarithmic and Exponential Functions (GT-MA1)			1B	
MATH 141	Calculus in Management Sciences (GT-MA1)			1B	
MATH 155	Calculus for Biological Scientists I (GT-MA1)			1B	
MATH 160	Calculus for Physical Scientists I (GT-MA1)			1B	

**Total Credits** **15-16**

### Sophomore

Semester 3		Critical	Recommended	AUCC	Credits
AGED 244	Power, Structure, and Tech. Systems in Ag Ed	X			3
SOCR 100	General Crops		X		4
Agricultural Science Elective					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, Equity, and Inclusion ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion</a> )				1C	3
CHEM 107 must be completed by the end of Semester 3.					
					X

**Total Credits** **16**

Semester 4		Critical	Recommended	AUCC	Credits
EDUC 275	Schooling in the United States (GT-SS3)			3C	3
FW 104	Wildlife Ecology and Conservation (GT-SC2)			3A	3

SOCR 240	Introductory Soil Science				4
Agricultural Science Elective					2-4
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
<b>Total Credits</b>					<b>15-17</b>
<b>Junior</b>					
<b>Semester 5</b>					
		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
EDUC 340	Literacy and the Learner	X			3
Select one course from the following:					3
AREC 310	Agricultural Marketing				
AREC 311	Agricultural and Resource Product Marketing				
AREC 342	Water Law, Policy, and Institutions				
AREC 375	Agricultural Law				
AREC 408	Agricultural Finance				
AREC 478	Agricultural Policy				
Select one course from the following:					3
RS 300	Rangeland Conservation and Stewardship				
SOCR 320	Sustainable Forage Management for Livestock				
Food Products and Processing (Select two courses from the following)					5-6
AGED 698	Agricultural Education Research				
AN EQ 360	Principles of Meat Science				
FTEC 110 or	Food-From Farm to Table				
FSHN 125	Food and Nutrition in Health				
AGED 220 must be completed by the end of Semester 5.					X
Acceptance into teacher licensure must be completed by the end of Semester 5.					X
<b>Total Credits</b>					<b>14-15</b>
<b>Semester 6</b>					
		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
AGED 420	Developing School-Based Ag Education Programs				3
AREC 305	Agricultural and Resource Enterprise Analysis				3
EDUC 350	Instruction I-Individualization/Management	X			3
EDUC 331	Educational Technology and Assessment	X			2
EDUC 386	Practicum-Instruction I	X			1
Advanced Writing ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing</a> )				2	3
<b>Total Credits</b>					<b>15</b>
<b>Senior</b>					
<b>Semester 7</b>					
		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
AGED 440	Managing Experiences in Ag Ed Laboratories				1
EDCT 425	Methods/Materials in Agricultural Education				4
EDUC 450	Instruction II-Standards and Assessment	X			4
EDUC 486E	Practicum: Instruction II	X			1
HORT 100	Horticultural Science			3A	4
<b>Total Credits</b>					<b>14</b>
<b>Semester 8</b>					
		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
AREC 492	Senior Seminar in Ag and Resource Economics	X			1
EDCT 485	Student Teaching	X		4A,4B,4C	11
EDCT 492	Seminar-Professional Relations	X		4C	1
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>