

MAJOR IN AGRICULTURAL EDUCATION, TEACHER DEVELOPMENT CONCENTRATION

Requirements Effective Fall 2023

Freshman

		AUCC	Credits
AGED 210	History of Agriculture in the United States	3D	3
AGED 220	Understanding Agricultural Education		1
AGED 240	Technical Tool Applications in Ag Education		2
ANEQ 250	Live Animal and Carcass Evaluation		3
AREC 192	Orientation to Agricultural and Resource Econ		1
AREC 202	Agricultural and Resource Economics (GT-SS1)	3C	3
CHEM 107	Fundamentals of Chemistry (GT-SC2)	3A	4
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 four 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	
Select a minimum of three credits from the following:			3-4
MATH 117	College Algebra in Context I (GT-MA1)	1B	
MATH 118	College Algebra in Context II (GT-MA1)	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

31-32

Sophomore

AGED 244	Power, Structure, and Tech. Systems in Ag Ed		3
EDUC 275	Schooling in the United States (GT-SS3)	3C	3
FW 104	Wildlife Ecology and Conservation (GT-SC2)	3A	3
SOCR 100	General Crops		4
SOCR 240	Introductory Soil Science		4
Agricultural Science Elective ¹			5-7
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)		3B	6
Diversity, Equity, and Inclusion (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion)		1C	3

Total Credits

31-33

Junior

AGED 420	Developing School-Based Ag Education Programs		3
AREC 305	Agricultural and Resource Enterprise Analysis		3
EDUC 331	Educational Technology and Assessment		2
EDUC 340	Literacy and the Learner		3
EDUC 350	Instruction I-Individualization/Management		3
EDUC 386	Practicum-Instruction I		1
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		
SOGR 320	Sustainable Forage Management for Livestock		
Food Products and Processing (Select two courses from the following)			5-6
ANEQ 360	Principles of Meat Science		
ANEQ 450	Processed Meats		
FTEC 110 or FSHN 125	Food-From Farm to Table Food and Nutrition in Health		
Advanced Writing (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing)		2	3

Total Credits**29-30****Senior**

AGED 440	Managing Experiences in Ag Ed Laboratories		1
AREC 492	Senior Seminar in Ag and Resource Economics		1
EDCT 425	Methods/Materials in Agricultural Education		4
EDCT 485	Student Teaching	4A,4B,4C	11
EDCT 492	Seminar-Professional Relations	4C	1
EDUC 450	Instruction II-Standards and Assessment		4
EDUC 486E	Practicum: Instruction II		1
HORT 100	Horticultural Science	3A	4
Total Credits			27
Program Total Credits:			120

¹ Select course(s) in consultation with advisor from subject codes including: AB, AGED, AGRI, ANEQ, AREC, BSPM, FSHN, FTEC, HORT, LAND, NR, RS, WR, GES.