

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.