

“W” Number: _____
 Student Name: _____
 Advisor Name: _____

Catalog: 2021-2022 University of Wyoming Catalog
 Program: Secondary Agricultural Education with
 Concurrent Major in Agricultural Business, B.S.

Secondary Agricultural Education with Concurrent Major in Agricultural Business, B.S.

Graduates of this program earn a Bachelor’s Degree in Agricultural Education and a concurrent major in Agricultural Business. It prepares students to teach Agriculture in grades 6-12.

A concurrent major ensures that graduates are highly qualified teachers and will expand career possibilities.

This program requires a minimum of 127 total hours. All major courses must be passed with a grade of C or better. A minimum GPA of 2.500 in major content courses is required. A minimum of 42 credits must be upper-division.

An initial background check must be completed prior to starting any field or practicum experience. Student fees cover the cost of this initial background check so work with your College of Education advisor for details.

Professional Education Requirements

Course Name	Credits:	Term Taken	Grade	Gen Ed
Foundations				
EDST2450 - Foundations of Development and Learning	Credits: 3			
ITEC2360 - Teaching with Technology (3 credits required)	Credits: 1-3			
<i>Completion of EDST 2450 with a minimum grade of C or better is a prerequisite for the following courses:</i>				
EDEX2484 - Introduction to Special Education	Credits: 3			
EDST3480 - Diversity & the Politics of Schooling	Credits: 3			
<i>A minimum 2.75 UW cumulative GPA is required for registration in EDST 3100 and EDST 3101. A copy of your valid Wyoming Substitute Teaching Permit must be on file with the Teacher Preparation and Advising Office no later than the first day of class.</i>				
EDST3100 - Teacher as Practitioner	Credits: 3			
EDST3101 - Practicum 3	Credits: 2			
Assessment				
EDST3550 - Educational Assessment	Credits: 2			
Methods (Offered Fall Semester Only)				
EDSE3278 - Subject Matter Specific Methods I: Secondary Agriculture Education (3 credits required)	Credits: 3-6			
EDSE4278 - Subject Matter Specific Methods II: Secondary Agriculture Education (4 credits required)	Credits: 3-6			
Residency (Offered Spring Semester Only)				
EDSE4500 - Residency in Teaching (12 credits required)	Credits: 1-16			
EDSE4550 - Residency Applications and Synthesis	Credits: 3			

Agricultural Education Core Requirements

Course Name	Credits:	Term Taken	Grade	Gen Ed
EDAG3160 - Principles of Agricultural Education	Credits: 3			
EDAG4170 - Principles of Agricultural Mechanics and Technology	Credits: 3			
EDAG4180 - Techniques of Agricultural Mechanics and Technology	Credits: 3			

Concurrent Agriculture Major Core Requirements

Course Name	Credits:	Term Taken	Grade	Gen Ed
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AECL1000 - Agroecology	Credits: 4			
Choose one:				
AGEC1020 - Principles of Microeconomics	Credits: 3			
OR				
ECON1020 - Principles of Microeconomics	Credits: 3			
ANSC1010 - Introduction to Animal Science	Credits: 4			
ANSC2020 - Feeds and Feeding	Credits: 4			
PLNT2025 - Horticultural Science	Credits: 3			
PLNT2026 - Horticultural Sciences Laboratory	Credits: 1			
REWM2000 - Principles of Rangeland Management	Credits: 3			
SOIL2010 - Introduction to Soil Science	Credits: 4			

Major Related Science Courses

Course Name	Credits:	Term Taken	Grade	Gen Ed
LIFE1010 - General Biology	Credits: 4			
Choose one:				
LIFE2022 - Animal Biology	Credits: 4			
OR				
LIFE2023 - Biology of Plants and Fungi	Credits: 4			
Choose one:				
CHEM1000 - Introductory Chemistry	Credits: 4			
OR				
CHEM1020 - General Chemistry I	Credits: 4			

Agricultural Business Core Requirements

Course Name	Credits:	Term Taken	Grade	Gen Ed
AGEC2020 - Farm and Ranch Business Management	Credits: 4			
AGEC4060 - Agribusiness Management	Credits: 3			
AGEC4050 - Agribusiness Marketing	Credits: 3			
AGEC4500 - Agricultural Finance	Credits: 3			
ECON3020 - Intermediate Microeconomics	Credits: 3			
MATH2350 - Business Calculus	Credits: 4			
• Electives. Credits: 6				

Endorsement in Secondary Biology Education option

Students can seek an endorsement in Secondary Biology Education. The required courses are:

Course Name	Credits:	Term Taken	Grade	Gen Ed
Choose one:				
MICR2021 - General Microbiology	Credits: 4			
OR				
MOLB2021 - General Microbiology	Credits: 4			
Choose one:				
LIFE3050 - Genetics	Credits: 4			
OR				
LIFE3500 - Evolutionary Biology	Credits: 3			
LIFE3400 - General Ecology	Credits: 3			
EDSE4279 - Subject Matter Specific Methods II: Biological Science Methods for Agricultural Education Majors <i>May be substituted with EDSE 3275 Subject Matter Specific Methods I: Secondary Science Education Credits: 3.</i>	Credits: 3			

For Ag. Communications and Ag. Business Concurrent Majors only: an additional upper division Biology-related course as approved by advisor.				
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- Upper-division biology related elective Credits: 3

Notes: