



Secondary Education, B.S. -Agriculture Education

Graduates of this program earn a Bachelor's Degree in Agricultural Education. It prepares students to teach Agricultural Education in grades 6-12.

Degree Requirements

- A minimum of 120 credit hours is required for this degree Program. All major courses must be passed with a grade of C or better.
- A minimum UW cumulative GPA of 2.75 is required for most junior and senior level professional education courses, including EDSE 4500 Residency in Teaching. A minimum GPA of 2.50 in major content courses is required. The College of Education requires a UW cumulative GPA of 2.75 for graduation. 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.
- All Professional Education requirements must be completed with a grade of C or higher.

University Studies Program

This degree requires that The University Studies Program 2015 requirements are met before graduation. Some of the courses required for this major fulfill USP requirements, but not all. Students should check their degree evaluations and consult with their assigned academic advisor to discuss their specific course plan.

Course Name	Credits	UW Course in Major	AA/AS/AB/ADN satisfies this USP
C 1-Communication 1 (COM1)	3		X
C 2-Communication 2 (COM2)	3		X
C 3-Communication 3 (COM3)	3	(Must be completed at UW)	
Q-Quantitative Reasoning (Q)	3		X
PN-Physical and Natural World (1) (PN)	3		X
PN-Physical and Natural World (2) (PN)	3		X
H-Human Culture (1) (H)	3		X
H-Human Culture (2) (H)	3		X
V-US & WY Constitution (V)	3		X
FYS or USP Elective-Any 3-credit hour of FYS or 3-credit hours of USP electives	3		X

Note: FYS courses have been paused. 3 hours from any additional USP designated courses is still required.

Foundations

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
EDST 2450 - Foundations of Development and Learning H	4	Note 1	Note 1	Note 1	X	Note 1	X	X
ITEC 2360 - Teaching and Learning with Educational Technology	3	X	X	X	X	X	X	X
EDEX 2484 - Introduction to Special Education	3	X	X	X	X	X	X	X

Course Name	Credits	
EDST 3480 - Schools and Society H	3	UW Course
EDST 3200 - Foundations of ESL Learning	3	UW Course
EDST 3100 - Teacher as Practitioner C2	3	UW Course

A minimum UW cumulative GPA of 2.75 is required for registration in EDST 3100. A current background check, approved through the College of Education, no older than one year, must be on file with the College of Education Student Success Center.

Practicum

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
EDST 1200 - Practicum I	1	Note 2	Note 2	Note 2	Note 2	Note 2	Note 2	Note 2
EDST 2200 - Practicum 2	1	Note 2	Note 2	Note 2	Note 2	Note 2	Note 2	Note 2

Course Name	Credits	
EDST 3101 - Practicum 3 C2	2	UW Course

Assessment

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
EDST 2250 - Educational Assessment	3	X	X		X			X

Methods

Course Name	Credits	
EDSE 3278 - Subject Matter Specific Methods I: Secondary Agriculture Education (3 credits required)	3-6	UW Course
EDSE 4278 - Subject Matter Specific Methods II: Secondary Agriculture Education (4 credits are required) C3	3-6	UW Course

Residency in Teaching- 15 hours

Methods must be completed prior to enrollment in these courses.

Course Name	Credits	
EDSE 4500 - Residency in Teaching (12 credits required)	1-16	UW Course
EDSE 4550 - Residency Applications and Synthesis	3	UW Course

Core Requirements- 51 hours**Agricultural Economics**

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
AGEC/ECON 1020 - Principles of Microeconomics H	3	Note 3	Note 3	Note 3	Note 3	Note 3	Note 3	Note 3
AGEC 2020 - Farm and Ranch Business Management	4	X	X	X	X	X	X	

3 credits of upper division AGEC

Agroecology & Horticulture, Rangeland Mgmt., Soil Science

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
REWM 2000 - Principles of Rangeland Management	3	X	X	X	X	X	X	X
SOIL 2010 - Introduction to Soil Science	4	X	X	X	X	X	X	
PLNT 2025 - Horticultural Science with PLNT 2026 Horticultural Sciences Laboratory 1 PN OR PLNT 1000 - Agroecology Credits: 4 PN	4	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4	

3 credits of upper division from ENR/PLNT/REWM/SOIL

Animal Science & Food and Meat Science

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
ANSC 1010 - Introduction to Animal Science	4	X	X	X	X	X	X	
ANSC 2020 - Feeds and Feeding	4	X	X	X	X	X	X	
ANSC 1070 - Livestock Fitting and Showing OR ANSC 2070 - Livestock Behavior and Handling	1-2		Note 5	Note 5	Note 5			
FDSC 2040 - Principles of Meat Animal Evaluation	3	X	X		X	X	X	

Course Name	Credits	
FDSC 3060 - Principles of Meat Science and Muscle Biology OR 3 credits of upper division ANSC	3	UW Course (Note 7)

Animal Science & Food and Meat Science

Course Name	Credits	
EDAG 3150 - Community Programs in Agricultural Education	3	UW Course
EDAG 4170 - Principles of Agricultural Mechanics and Technology	3	UW Course
EDAG 4180 - Techniques of Agricultural Mechanics and Technology	3	UW Course
EDAG 4970 - Individual Problems	1-3	UW Course

Biology & Chemistry

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
LIFE 1010 - General Biology PN	4	Note 6	Note 6	Note 6	Note 6	Note 6	Note 6	Note 6
LIFE 2022 - Animal Biology	4	Note 7	Note 7		Note 7	Note 7		Note 7
CHEM 1000 - Introductory Chemistry PN	4	X	X	X	X	X	X	X

Endorsement in Secondary Biology Education Option

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
MICR/MOLB 2021 - General Microbiology	4	Note 8	Note 8	Note 8		Note 8	Note 8	Note 8

Course Name	Credits	
LIFE 3050 - Genetics OR LIFE 3500 Evolutionary Biology 3	4	UW Course
LIFE 3400 - General Ecology	3	UW Course
EDSE 3275 - Subject Matter Specific Methods I: Secondary Science Education	3-6	UW Course

Notes:

Note 1: Students at CWC & EWC must take both EDFD 2100 and EDFD 2450 to receive credit for EDST 2450. Students at Casper and Sheridan may take PSYC 2300 + EDFD 2450 to receive credit for EDST 2450.

Note 2: At all WYCCs, EDUC 2100 is equivalent to *both* EDST 1200 + EDST 2200 at UW.

Note 3: AGECEC 1020 is offered at Casper, EWC, LCCC, Sheridan and Northwest. ECON 1020 is cross listed with AGECEC 1020.

Note 4:

- AECL 1000 is equivalent to UW PLNT 1000.
- At EWC CROP 2100 is equivalent to PLNT 2025.
- At CWC and Sheridan HORT 2025 is equivalent to PLNT 2025 + PLNT 2026.

Note 5:

- ANSC 1070 is offered at CWC, EWC, and LCCC.
- ANSC 2070 is offered at EWC.

Note 6: All WYCCs offer BIOL 1010 which is equivalent to LIFE 1010.

Note 7: BIOL 2022 is offered at Casper, CWC, LCCC, Sheridan, and Western.

Note 8: MOLB 2210 is equivalent to LIFE/MICR/MOLB 2021.

COURSE SUBSTITUTIONS: WyoTAGs reflect published equivalencies. UW academic departments occasionally arrange for course substitutions when indirect equivalencies exist. Please contact your UW Academic Advisor for details.

EFFECTIVE DATE: This document is in effect as of the 2026-2027 catalog year; it reflects the published UW curriculum as of that date. Any changes to the UW curriculum or the WYCC course equivalents will require this document to be updated. To request an updated document, faculty should contact transfer@uwyo.edu via email.