

Secondary Agricultural Education, BS



University of Wyoming, 2016-17

The College of Education maintains rigorous admission standards to ensure the quality of preparation for future educators. **New, first time students** who meet the University of Wyoming's standards for admission may declare a major in elementary education, secondary or K-12 education in a specific content area, or education undecided provided they have a minimum ACT composite score of 21 and ACT math score of 21; a lower ACT math score can be replaced by a UW Math Placement Exam (MPE) score of 2 or higher. If electing to pursue education undecided, it is recommended that students decide on their teaching content area no later than the first semester of their sophomore year.

Current UW students wishing to change their major, students seeking re-admission to UW, or those transferring to UW from another institution can learn more about the specific admission requirements for these groups at www.uwyo.edu/ted/admission/requirements.html.

All students must undergo and pass an initial criminal background check prior to full admission to the College of Education. Any costs associated with the background check are the responsibility of the student. A second background check is included as part of the state application process for the Wyoming Substitute Teaching Permit, which is required for admission to Phase II of UW's teacher education program. Criminal background checks are a standard for the profession.

Freshman Fall Semester

			Hrs	Min Grade	Notes
		USP First-Year Seminar	3	C	FY
EDST	2450	Foundations of Development & Learning *	3	C	H
ENGL	1010	College Composition & Rhetoric	3	C	C1
LIFE	1010	General Biology ** ^	4	C	PN
MATH	1400	College Algebra ***	3	C	Q
Credit hours subtotal:			16		

Freshman Spring Semester

			Hrs	Min Grade	Notes
		USP US & Wyoming Constitutions	3	C	V
AECL	1000	Agroecology ^	4	C	PN
ITEC	2360	Teaching with Technology	3	C	Prerequisite of a 2.50 cumulative UW GPA.
LIFE	2022	Animal Biology ^	4	C	Can substitute LIFE 2023 (Biology of Plants & Fungi) ^.
REWM	2000	Principles of Rangeland Management ^	3	C	
Credit hours subtotal:			17		

Sophomore Fall Semester

			Hrs	Min Grade	Notes
AGEC	1010	Principles of Macroeconomics I ^	3	C	Can substitute AGEC 1020 (Principles/Microeconomics) ^.
ANSC	1010	Livestock Production ^	4	C	
CHEM	1000	Introduction to Chemistry ^	4	C	
EDST	2480	Diversity & the Politics of Schooling	4	C	H; admission to Phase I of the program required. #
Credit hours subtotal:			15		

Sophomore Spring Semester

			Hrs	Min Grade	Notes
ANSC	2020	Feeds and Feeding ^	4	C	
EDEX	2484	Introduction to Special Education	3	C	Admission to Phase I of the program required. #
SOIL	2010	Introduction to Soil Science ^	4	C	
		Area of Concentration Electives ****	6	C	
Credit hours subtotal:			17		

This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation, and consult with an academic advisor. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the *University Catalog* and consult with their academic advisor to plan accordingly.

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Junior Fall Semester			Hrs	Min Grade	Notes
EDAG	4170	Principles of Ag Mechanics & Technology ^	3	C	
EDST	3550	Educational Assessment	2	C	Prerequisite of a 2.75 cumulative UW gpa.
PLNT	2025	Horticultural Science ^	3	C	
		Area of Concentration Electives ****	6	C	
		Elective	3		
Credit hours subtotal:			17		

Junior Spring Semester			Hrs	Min Grade	Notes
EDST	3000	Teacher as Practitioner	6	C	C2; admission to Phase II of the program required. #
LIFE	3400	General Ecology ^	3	C	
		Area of Concentration Electives ****	6	C	
Credit hours subtotal:			15		

Senior Fall Semester			Hrs	Min Grade	Notes
EDAG	4180	Techniques of Ag Mechanics & Technology ^	3	C	
EDSE	3278	Methods I: Secondary Agricultural Education	3	C	Admission to Phase IIIa of the program required. #
EDSE	4278	Methods II: Secondary Agricultural Education	4	C	C3; admission to Phase IIIa of the program required. #
		Elective	4		
Credit hours subtotal:			14		

Senior Spring Semester			Hrs	Min Grade	Notes
EDSE	4500	Residency in Teaching	15	S	Admission to Phase IIIb of the program required; offered S/U only. #
Credit hours subtotal:			15		

TOTAL CREDIT HOURS: 126

University of Wyoming requirements:

Students must have a minimum cumulative GPA of 2.0 to graduate. • Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U. • University Studies Program (USP) Human Culture (H) and Physical & Natural World (PN) courses must be taken outside of the major subject, but can be cross-listed with the major.

College of Education requirements:

This plan assumes student college readiness. Students should be able to start taking 1000-level courses the first semester of college. • All professional education courses must be completed with a grade of C or higher. Grades of C- or lower will not satisfy this requirement.

The Wyoming Teacher Education Program operates in a series of phases: Phase I, Phase II, Phase IIIa, and Phase IIIb.

Continuation in the program in any content area is dependent upon the successful completion of prerequisites for each phase. Specific information about these requirements can be found on the program sheets for each content area that are located at www.uwyo.edu/ted/majors-and-program-sheets.

Secondary Agricultural Education Program Notes:

• A minimum cumulative gpa of 2.75 is required, as well as a minimum 2.5 gpa in major content. All major content courses must be completed with a grade of C or higher. Grades of C- or lower will not satisfy this requirement. • Students in this major are required to have an advisor assigned in the College of Education and an advisor assigned in the College of Agriculture and Natural Resources.

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Secondary Agricultural Education Program Notes con't:

^ Agriculture and Natural Resources Core Requirements

* The prerequisite of a 2.50 cumulative UW gpa is waived for new, incoming freshman having declared Education as their major.

** Requires MATH ACT ≥ 21 , MATH SAT ≥ 600 , Math Placement Exam ≥ 2 , or $\geq C$ in MATH 0921. (University standard)

*** Requires MATH ACT ≥ 23 , MATH SAT ≥ 600 , Math Placement Exam ≥ 3 , or $\geq C$ in MATH 0925. (University standard)

**** **Areas of Concentration.** (15-16 hours) All students are required to either complete courses in an area of concentration or complete a minor in the department of Agricultural Communications, Agricultural and Applied Economics (Agricultural Business), Animal Science (Animal & Veterinary Sciences), Ecosystem Science and Management (Rangeland Ecology and Watershed Management or Soil Science), or Plant Science (Agroecology). Minors must be declared and cannot be added after the BS degree has been awarded. Completing a minor may require additional hours beyond the 121 required for the degree. Please work closely with your advisor in the College of Agriculture and Natural Resources on the requirements for a minor.

NOTE: It is highly recommended students considering adding the following courses for eligibility to add the Biology Endorsement to their initial Secondary Agricultural Education teaching license: EDSE 4279 (Biology Methods for Agricultural Education); LIFE 3050 (Genetics) or LIFE 3500 (Evolutionary Biology); MICR 2021 (General Microbiology); and possibly an additional three (3) credit biology related elective, depending on the chosen area of concentration within the program.