

Agricultural Education

TEACHING OPTION

Teach leadership and life skills to young people through agricultural coursework and activities.

THIS MAJOR IS A GOOD FIT IF YOU CAN SEE YOURSELF:

PROVIDING young people with lasting lessons

LEARNING ABOUT LIVESTOCK, horticulture, and other technical aspects of agriculture

USING STRONG COMMUNICATION SKILLS to make connections with people and build community

This major prepares you to become a secondary school teacher of agriculture (grades 6–12). You will gain technical knowledge in agriculture and practical teaching skills. Learn to plan and teach coursework and educational activities as well as to manage out-of-classroom teaching facilities such as greenhouses or aquaculture ponds. Learn how to help students with supervised agriculture experiences (SAE) such as raising crops, caring for animals, conducting research, or working for a farm or other agricultural business. This major is a good stepping stone for becoming an extension educator at a state university.

INSIDE THE CLASSROOM

Take courses in animal science, plant science, horticulture, agricultural economics, and mechanics. In technical agriculture courses, you'll learn by doing. Explore cow pregnancy rates and grazing management systems at on-campus animal centers. Observe the effects of insects on crop health and use innovative water management and irrigation systems at our on-campus greenhouses and plant science farms. Explore how engines and food processing equipment work in the machinery lab.

Learn teaching methods from faculty in the UI College of Education. You'll get real-world teaching experience when you spend 30-40 hours shadowing a local teacher or assisting high school students with FFA activities.

OUTSIDE THE CLASSROOM

STUDENT TEACH. Senior year, you will draw on everything you've learned when you teach in a secondary school classroom in Idaho, Washington, or Oregon. Teach small engine and fabrication to students at TROY HIGH SCHOOL . . . Teach an introduction to livestock at MERIDIAN HIGH SCHOOL . . . Teach introductions to agriculture, nursery work, and beginning welding at KENDRICK HIGH SCHOOL.

STUDY ABROAD. Deepen your understanding of your major—and the world—in countries like these: INDIA Gain a new perspective on the global marketplace . . . PERU Discover how mango farmers package and market their products . . . TAIWAN See how farms are organized to get the most out of the country's small size.

GET INVOLVED. Network and have fun. COLLEGIATE FFA Manage livestock judging at the Latah County Fair, hear special presentations by agriculture students and professionals in the agriculture industry, attend state and national FFA events . . . COLLEGIATE 4-H Teach workshops and attend conferences . . . BLOCK AND BRIDLE Practice showmanship, judge contests, and exhibit livestock at regional shows.

FASTFACT

We have trained more than 80% of the high school ag education teachers now in Idaho.

CAREER OPPORTUNITIES

Demand for our graduates exceeds supply, and they often receive more than one job offer. Starting salaries are as high as \$40,000. While most of our graduates become teachers, others find employment with agricultural commodity organizations and government agencies.

Here are a few possibilities:

SECONDARY SCHOOL AGRICULTURE INSTRUCTOR. Teach secondary school agricultural science and technology, maintain learning facilities, and oversee student projects in FFA and supervised agricultural experience.

YOUTH DEVELOPMENT EDUCATOR. Provide learning opportunities for 4-H, FFA, and other organizations serving youth.

MARKETING SPECIALIST. Make decisions about marketing strategies and advertising for a farm cooperative, farm equipment manufacturer, trade group, or other agribusiness entity.

COMMUNITY PLANNING CONSULTANT. Help rural areas create jobs and expand their economies.

COMBINE YOUR EDUCATION. Broaden the subject matter you are qualified to teach by earning endorsements in agricultural science and technology or in natural science and consumer economics. You may also want to supplement your studies with courses in agricultural economics, business, or journalism.

CONTINUE YOUR EDUCATION. Go on to graduate school in agricultural economics or business and become an extension educator with a state university.

FIND OUT MORE ABOUT THE UNIVERSITY OF IDAHO TEACHING OPTION IN AGRICULTURAL EDUCATION

WWW.CALS.UIDAHO.EDU/AEE

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
FALL	AgEd 180 1 Intro. to Agricultural Education	AgEd 351 3 Principles & Philosophy of Professional-Technical Education	AgEd 358 2 Supervising FFA & SAE Programs	AgEd 452 3 Methods of Teaching Agriculture
	AVS 109 3 Science of Animals that Serve Humanity	Biol 115 4 Cells & the Evolution of Life	ASM 107 2 Beginning Welding	AgEd 470 1 ProSeminar in Agricultural Education
	Comm 101 2 Fundamentals of Public Speaking	Ed 201 3 Diverse Learners in Schools & Social/Cultural Contexts	Engl 313 3 Business Writing or Engl 317 Technical Writing	ASM 210 2 Small Engines
	CORE 103-149 4 Core Discovery Course	PLSc 102 3 Science of Plants in Agriculture	PTTE 461 2 Using Internet-Based Career Information in the Classroom	Elective 3 Elective—Plant Science/Horticulture
	Engl 101 3 Intro. to College Writing	Elective 3 Elective—Humanities/Social Science	Elective 3 Elective—Agricultural Economics	Electives 9 Electives—Technical Agriculture
	Math 130 3 Finite Mathematics or Math 143 3 Pre-Calculus Algebra & Analytic Geometry		Electives 4 Electives—Natural Science/Lab	
	TOTAL 16	TOTAL 16	TOTAL 16	TOTAL 18
SPRING	AVS 222 3 Animal Reproduction & Breeding	AgEd 451 2 Communicating in Agriculture	ASM 202 2 Agricultural Shop Practices	AgEd 453 3 Program Planning in Secondary & Adult Agricultural Education
	Chem 101 4 Intro. to Chemistry	Ed 301 3 Principles of Learning & Development in Education	EDCI 463 3 Literacy Methods for Content Learning	AgEd 454 2 Facilities Organization & Management
	CORE 153-199 4 Core Discovery Course	Econ 202 3 Principles of Economics	Elective 3 Elective—Agricultural Economics	AgEd 460 10 Practicum: Secondary School Teaching in Agriculture
	Engl 102 3 College Writing & Rhetoric	Soil 205/206 4 The Soil Ecosystem/Lab	Elective 3 Elective—International Course	AgEd 461 2 Student Teaching Portfolio
	Psyc 101 3 Intro. to Psychology	Elective 3 Elective—Plant Science/Horticulture	Electives 4 Electives—Natural Science/Lab	AgEd 470 1 ProSeminar in Agricultural Education
		Elective 3 Elective—Technical Agriculture	Elective 3 Elective—Technical Agriculture	
	TOTAL 16	TOTAL 18	TOTAL 18	TOTAL 18

Total for degree = 128 credits. Course offerings may change from year to year. Always check the current course catalog.

TO LEARN MORE
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"I am grateful to the professor who lies on a table to demonstrate how a cow's blood flows, the professor who introduced genetic engineering by cutting up a cord and throwing pieces around the room, and the marketing professor who introduced policy issues through group presentations. I hope to embody this same dedication when I begin to teach."

TRENT VAN LEUVEN, agricultural education major