Agricultural Education

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

Complete coursework in animal and veterinary sciences, agricultural economics, plant and soil science, horticulture, and agricultural systems management. Technical agriculture courses include both classroom lessons and field-based, hands-on laboratory activities. You will learn both the theory and the application of technical agricultural concepts and be able to use your knowledge to prepare agricultural lessons for high school students.

In preparation for becoming a high school agricultural science and technology instructor, you will also complete courses in educational philosophy, instructional methods, youth development organizations, and facilities and laboratory management. You will work closely with faculty members in agricultural education as you complete your coursework, participate in extracurricular activities with local agriculture programs and FFA chapters, prepare for your student teaching experience, and become a licensed secondary agriculture teacher.

OUTSIDE THE CLASSROOM

STUDENT TEACH. Complete a student teaching field experience during your senior year. You will be placed in an outstanding agricultural program/FFA chapter in Idaho, eastern Washington, or northeastern Oregon. Past student teachers have taught small engines and fabrication at TROY HIGH SCHOOL, introductory animal sciences at MERIDIAN HIGH SCHOOL, and nursery/landscape and beginning welding at KENDRICK HIGH SCHOOL.

GET INVOLVED. Network and have fun. COLLEGIATE FFA Organize the annual Ag Days livestock judging event on the University of Idaho campus, coordinate and judge the North Idaho FFA district career development events, conduct leadership workshops at the Idaho FFA State Leadership Conference, assist faculty with activities at the National FFA Convention, and serve as interns for the annual state FFA career development events held on campus each June.

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. While most become teachers, others find employment with agricultural commodity organizations, government agencies, and agricultural businesses.

Here are a few possibilities:

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

YOUTH DEVELOPMENT EDUCATOR. Provide learning opportunities in youth organizations like 4-H and FFA.

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.

EXTENSION EDUCATOR. Work for a state university using your knowledge of agriculture, community development, youth leadership, and environmental protection to help agricultural producers and businesses, community leaders, families, and youth.

COMBINE YOUR EDUCATION. Earn teaching endorsements in agricultural science and technology or in natural science and consumer economics. Take 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.UIDAHO.EDU/CALS/AE4HYD

AGRICULTURAL EDUCATION

4-YEAR PLAN 2012-13

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
FALL	**AgEd 180** 1 Intro. to Agricultural & Extension Education **AVS 109** 4 Science of Animals that Serve Humanity **Comm 101** 2 Fundamentals of Public Speaking **Engl 101** 3 Intro. to College Writing **ISEM 101** 3 Integrated Seminar **Math 130** 3 Finite Mathematics *or* **Math 143** Pre-Calculus Algebra & Analytic Geometry	**AgEd 351** 3 Princlples & Philosophy of Professional-Technical Education **Biol 115** 4 Cells & the Evolution of Life **EDCI 201** 2 Diverse Learners in Schools & Social/Cultural Contexts **PlSc 102** 3 Science of Plants in Agriculture **Elective** 3 Elective—Humanities/Social Science	**AgEc 278** 4 Farm & Agribusiness Management **AgEd 358** 3 Supervising FFA & SAE Programs **ASM 202** 2 Agricultural Shop Practices **Engl 313** 3 Business Writing *or* **Engl 317** Technical Writing **Electives** 6 Electives—Technical Agriculture	**AgEd 452** 4 Methods of Teaching Agriculture **AgEd 454** 2 Facilities Organization & Management **AgEd 470** 1 ProSeminar in Agricultural Education **ASM 407** 1 Advanced Welding **Elective** 3 Elective—Plant Science/Horticulture **Electives** 6 Electives—Technical Agriculture
	TOTAL 16	**TOTAL** 15	**TOTAL** 18	**TOTAL** 17
SPRING	**AVS 222** 3 Animal Reproduction & Breeding **Chem 101** 4 Intro. to Chemistry **Engl 102** 3 College Writing & Rhetoric **Phil 103** 3 Ethics **Psyc 101** 3 Intro. to Psychology	**AgEd 451** 3 Communicating in Agriculture **ASM 107** 2 Beginning Welding **EDCI 301** 3 Principles of Learning & Development in Education **Econ 202** 3 Principles of Economics **Phys 100** 3 Findamentals of Physics *or* **Phys 111** General Physics **Soil 205/206** 4 The Soil Ecosystem/Lab	**AgEd 406** 3 Exploring International Agriculture **AgEc 289** 3 Agricultural Markets & Prices **ASM 210** 2 Small Engines **Econ 202** 3 Principles of Economics **EDCI 463** 3 Literacy Methods for Content Learning **EDSP 300** 2 Educating for Exceptionalities	**AgEd 453** 3 Program Planning in Secondary & Adult Agricultural Education **AgEd 460** 10 Practicum: Secondary School Teaching in Agriculture **AgEd 461** 2 Student Teaching Portfolio **AgEd 470** 1 ProSeminar in Agricultural Education
	TOTAL 16	**TOTAL** 18	**TOTAL** 16	**TOTAL** 16

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

TO LEARN MORE
toll free 1.88.88.uidaho
1.888.884.3246
www.uidaho.edu

ASSISTANT DIRECTOR,
COLLEGE RECRUITING
208.885.7984
aginst@uidaho.edu
www.uidaho.edu/cals/recruit

DEPARTMENT OF
AGRICULTURAL EDUCATION &
4-H YOUTH DEVELOPMENT
208.885.6358
aee@uidaho.edu
www.uidaho.edu/cals/ae4hyd

University of Idaho
College of Agricultural and Life Sciences