

Agricultural Science and Technology

Gain a broad understanding of agriculture and one or more specialty areas.

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

GAINING A COMPETITIVE EDGE to advance your career in agriculture

SELECTING YOUR OWN AREAS of technical expertise

ENGAGING IN ACTIVE, hands-on learning

This major teaches you about the production of food and the use of natural resources. The program emphasizes both breadth and depth of knowledge: Gain proficiency in several topic areas and master at least one. Select topics according to your career goals. Choose from courses in agricultural education; agricultural science and technology; agricultural systems management; animal and veterinary sciences; family and consumer sciences; food science and toxicology; microbiology, molecular biology, and biochemistry; and plant, soil, and entomological sciences.

INSIDE THE CLASSROOM

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 at our plant science farms, and use innovative water management and irrigation systems at our computer-controlled greenhouse. See how engines and food processing equipment work in the machinery lab.

You'll also practice public speaking, learn to present an argument in a well-written essay, and take field trips to various ag-related companies to meet with business leaders and tour their operations.

OUTSIDE THE CLASSROOM

INTERN. Get practical experiences like these: USDA NATURAL RESOURCES CONSERVATION SERVICE Provide technical and financial assistance to farmers and ranchers . . . U.S. CONGRESS Research legislation affecting agriculture . . . IDAHO BEAN COMMISSION Write marketing materials and publications.

STUDY ABROAD. Deepen your understanding of your major—and the world—in countries like these: NEW ZEALAND Gain a new perspective on agriculture . . . 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 professionals. 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

At 12 field research stations from Sandpoint to Kimberly our faculty solve Idaho's agricultural problems. (*Internships available.*)

CAREER OPPORTUNITIES

Our graduates are highly sought by employers, with starting salaries of up to \$40,000 in government agencies, nonprofit organizations, and businesses.

Here are a few possibilities:

FARM OR RANCH MANAGER. Guide all aspects of a crop or livestock operation, including your own.

FIELD REPRESENTATIVE. Ensure that your company's products are being used to their best advantage.

ADULT EDUCATOR. Provide technical training to farm operators and agriculture companies.

AGRICULTURAL ANALYST. Provide technical advice and consulting on agricultural issues and related topics for a state or federal agency.

YOUTH DEVELOPMENT EDUCATOR. Provide learning opportunities for 4-H, FFA, or other organizations.

APPRAISER. Conduct research for farm and ranch appraisals or for a leading food processing company.

COMMUNITY PLANNING CONSULTANT. Help rural areas create jobs and expand their economies by teaching agricultural business practices.

COMBINE YOUR EDUCATION. A second language can open doors to careers with companies that do business in the U.S. and abroad. Depending on your career goals, you might take further courses in communication, marketing, or political science.

CONTINUE YOUR EDUCATION. Go on to graduate school in agricultural economics, plant science, animal science, or engineering.

FIND OUT MORE ABOUT THE UNIVERSITY OF IDAHO AGRICULTURAL SCIENCE AND TECHNOLOGY MAJOR

WWW.CALS.UIDAHO.EDU/AEE

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
FALL	Acct 201 Intro. to Financial Accounting	AgEc 278 Farm & Agribusiness Management	AgEc 356 Agricultural & Rural Policy or AgEc 361 Farm & Natural Resource Appraisal	AgEc Elective—AgEc 300 or 400 Level Course
	CORE 103-149 Core Discovery Course	Biol 115 Cells & the Evolution of Life	Stat 150 Intro. to Statistics or Stat 251 Statistical Methods	Electives Electives—Technical Agriculture
	Engl 101 Intro. to College Writing	Comm 101 Fundamentals of Public Speaking	Electives Electives—Natural Science/Lab	Electives Electives
	Math 108 Intermediate Algebra or Math 130 Finite Mathematics or Math 143 Pre-Calculus Algebra & Analytic Geometry	Elective Elective—Humanities/Social Science	Elective Elective—Humanities/Social Science	
	Elective Elective—Technical Agriculture	Elective Elective—Technical Agriculture	Elective Elective—Technical Agriculture	
	TOTAL	TOTAL	TOTAL	TOTAL
	16	16	16	18
SPRING	CORE 153-199 Core Discovery Course	AgEc 289 Agricultural Markets & Prices	Elective Elective—Humanities/Social Science	Electives Electives—Technical Agriculture
	Chem 101 Intro. to Chemistry	Engl 313 Business Writing	Elective Elective—International Course	Electives Electives
	Engl 102 College Writing & Rhetoric	Electives Electives—Natural Science/Lab	Electives Electives—Technical Agriculture	
	Math 130 Finite Mathematics or Math 143 Pre-Calculus Algebra & Analytic Geometry	Electives Electives—Technical Agriculture	Electives Electives	
	Elective Elective—Technical Agriculture	Elective Elective		
	TOTAL	TOTAL	TOTAL	TOTAL
	16	17	18	15

Total for degree = 132 credits. Course offerings may change from year to year. Always check the current course catalog.

TO LEARN MORE
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"I selected my major because of the flexibility it offers in choosing classes. I'm a very independent person, and this major reflects those same qualities."

JORDAN STODDARD, *agricultural science and technology major*