



# Agricultural & Food Systems

Agricultural and Food Systems is an exciting, college-wide, interdisciplinary program offering a Bachelor of Science degree with five majors from which to choose. While each major focuses on a different aspect of the global food system, all five emphasize a solid foundation in the agricultural sciences. A core set of classes gives you a broad interdisciplinary background and the individual major classes include specific subjects that give you specialized knowledge in your interest area. Graduates are prepared to be skilled communicators, critical thinkers, and change agents in their chosen field.

{ The business and science  
of feeding the world. }

## Five Majors. Your Choice.

**ORGANIC AGRICULTURE SYSTEMS:** Organic food production is one of the fastest growing segments of agriculture, with retail sales increasing by 20 percent annually since 1991. One of the only programs of its kind in the U.S., the Organic Agriculture Systems major prepares students with an in-depth understanding of production, economics, and environmental science. A wide array of career options await graduates, such as organic farm/ranch manager or owner, organic certification specialist, crop and seed salesperson, or organic food marketing director.

**AGRICULTURAL TECHNOLOGY AND PRODUCTION MANAGEMENT:** Students in this hands-on major gain a science-based overview of agriculture and food systems, with an emphasis on the practical application of technology to production systems. The program combines students' inherent creativity and interest in physical and biological sciences, technology, mathematics, business, and related subjects, with their desire to develop innovative solutions to a variety of agricultural problems. Areas of application include precision agricultural operations and services, management of agricultural businesses, production operations, sales, and promotional work in domestic and international agricultural communities.

**AGRICULTURAL EDUCATION:** Combining the best of both agriculture and teaching, the Agricultural Education major prepares students to educate the next generation of agricultural leaders and consumers. Highly sought after by employers, graduates teach high school and middle school science and agriculture classes, as well as serve as FFA advisors, adult education instructors, community outreach coordinators, Extension agents, and more. Students take a variety of agricultural science classes as well as a series of teaching and learning courses to earn teacher certification. Students also spend a semester student teaching in an agricultural science education program in a Washington high school.

**AGRICULTURAL AND FOOD BUSINESS ECONOMICS:** Students learn what they need to succeed in the food and agricultural business world—knowledge of business and economics practices as well as a thorough understanding of animal, plant, and food systems. Graduates are highly qualified to fill positions ranging from market researcher to product analyst to food broker in a variety of venues, including private industry, commercial farms and ranches, government agencies, production agriculture, and universities.

**AGRICULTURE AND FOOD SECURITY:** Students in this major are the protectors of the world's plant-based food supply. Students learn to understand the complexity of relationships within agricultural ecosystems, how external factors influence those systems, and how to effectively manage pests and diseases without incurring undue risks to human or environmental health. Tailored to the employment goals of the student, the major is an exciting blend of classroom instruction and field experience that prepares students to manage plant pests and diseases from a holistic perspective. Excellent employment opportunities exist with state, federal, and international agricultural, environmental, and regulatory agencies, agrichemical companies, agricultural and environmental consulting firms, and many more.

College of Agricultural, Human,  
and Natural Resource Sciences

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