



Agribusiness	Agricultural Communications and Journalism	Agricultural Economics	Agricultural Education	Agricultural Technology Management	Agroonomy	Animal Sciences and Industry	Bakery Science and Management	Feed Science and Management	Food Sciences and Industry	Horticulture	Milling Science and Management	Park Management and Conservation	Wildlife & Outdoor Enterprise Management
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Working with People

Careers are available in education, human resources, communication, training, public relations and extension.



- Youth Program Director
- City Park Administrator
- Communications Director
- Advertising and Marketing Director
- Landscape Consultant
- Extension Agent/Educator
- College Instructor
- High School Ag Education Teacher
- Crop Consultant
- Editor/Journalist
- Hospitality Director
- Park Interpreter/Naturalist
- Livestock Consultant
- News Broadcaster
- Spokesperson
- Photographer
- Recreation Planner
- Leadership Consultant
- Public Relations Executive
- Graphic Designer
- Sales Representative

Working with Animals

Careers are available in all aspects of the livestock, companion and exotic animal industries.



- Animal Health Pharmaceutical Rep
- Animal Nutritionist
- Feed Sales Manager
- Veterinarian
- Ranch Manager
- Companion Animal Behaviorist
- Breed Association Director
- Animal Care Technician
- Feedlot Manager
- Animal Geneticist
- Zoo/Exotic Animal Manager
- Livestock Buyer
- Herdsmen
- Meat Inspector
- Pet Service Manager
- Equine Specialist
- Large Animal Surgical Assistant
- Reproduction Specialist
- Extension Livestock Specialist
- Dairy Production Specialist

Working with Business, Government and Entrepreneurship

Careers are available in finance, marketing, management, policy and entrepreneurial activities.



- Economic Development Director
- Bank Loan Officer
- Commodity Trader
- Small Business Owner
- Insurance Agent
- Farm Service Agent
- Market Analyst
- Grain Merchandiser
- Sales and Marketing Manager
- Risk Management Specialist
- Entrepreneur
- International Finance Specialist
- Bank Examiner
- Legislative Assistant
- Elected Representatives/Government Officials
- Marketing Director
- Chief Executive Officer
- Financial Officer
- Equipment Dealer
- Attorney/Lawyer
- Peace Corps
- Operations Manager

Working with Plants and Natural Resources

Careers are available in all aspects of the green industry related to horticulture, crops, soils, water, natural resources, and the environment.



- Golf Course Manager
- Landscape Designer
- Range Land and Pasture Manager
- Sports Turf Manager
- Crop Specialist
- Plant Geneticist
- Soil Conservationist
- Environmental Technician
- Crop Insurance Adjuster
- Greenhouse and Nursery Manager
- Game Warden
- Park Manager
- Hunting Lodge Manager
- Farm Manager
- Urban Forester
- Environmental Specialist
- Chemical Applications Specialist
- Field Test Analyst
- Production Agronomist

Working with Science and Technology

Careers are available in all aspects of biotechnology and applied science related to the food and agricultural industry.



- Medical, Pharmacy, Veterinarian Professions
- Meat Product Developer
- Food Microbiologist
- Production Engineer
- Plant Biotechnologist
- Milling Manager
- Quality Assurance Coordinator
- Food Safety/HAAC Manager
- Integrated Process Manager
- Feed Scientist
- Bakery Product Specialist
- Supply Chain Manager
- Systems Designer
- Food Technologist
- Embryo Transfer Technologist
- Quality Control Engineer
- Precision Technology Specialist
- Product Development Manager
- Molecular Geneticist
- Bioprocessing/Biofuels Developer
- Graduate School/Researcher

Agribusiness

Develop an understanding of management, marketing and finance as well as the relationship of agribusiness to the larger economy. Options to specialize in international agribusiness or food industry economics.

- *Management Trainee Manager • Sales Representative • Loan Officer Real Estate Agent*
- *Commodity Merchandiser • Operations Analyst • Plant Supervisor • Marketing Specialist*
- *Food Companies Value-Added Companies • Agricultural Input Manufacturers • Grain Companies*
- *Cooperatives Banks and Credit Companies • Food Manufacturers • Restaurant Chains*

Agricultural Economics

Study the effect of economic factors on agricultural and food industries. This can include consumer demand, marketing, agricultural finance, price analysis, commodity futures marketing, natural resource economics or agricultural policy. Degree options include: Specialty, Farm & Ranch Management, Quantitative, Natural Resources, Environmental Science, Pre-Veterinary Medicine, and Pre-Law.

- *Commodity Merchandiser • International Development Specialist • Sales Representative*
- *Commodity Broker • Farmer/Rancher/Feedlot Operator • Consultant • Extension Agent*
- *Attorney • Veterinarian • Production Credit Associations • Trade Organizations • Banks*
- *Feed and Seed Companies • Peace Corps • Livestock Companies • Government • Processing Companies*

Agricultural Education

Prepare to teach agriculture or agricultural sciences in secondary and post-secondary schools. The broad curriculum and emphasis on people skills will prepare you for numerous other careers as well.

- *High School Agricultural Education Teacher • 4-H and Youth Extension Agent*
- *Agribusiness Sales Representative • Farm and Ranch Manager • Human Resource Specialist*
- *Program Coordinator • Community Colleges • Animal Health Companies*
- *Soil Conservation Service • Agricultural Finance • Government Agencies*

Agricultural Communications and Journalism

Learn to combine expertise in agricultural and environmental sciences with communications. Specialties in the degree program include public relations, newspaper, magazine, radio-television, and advertising as well as a specific area of study in agriculture or environmental studies.

- *Editor • News Broadcaster • Event Planner • 4-H and Youth Extension Agent • Photographer*
- *Advertising Account Executive • Staff Writer • Director of Communications • Public Relations Firms*
- *Livestock Breed Associations • Agribusiness and Trade Publications • Agribusiness Firms*
- *Trade and Government Organizations • Food and Agribusiness Magazines and Newspapers*

Agricultural Technology Management

Prepare for technical management positions in food and agricultural industries. Focus may include food processing systems, soil and water management, power and machinery systems, electrical systems and electronics, environmental management or agricultural building systems.

- *Field Test Analyst • Regional Service Manager • Plant Manager • Sales Representative*
- *Engineering Manager • Crop Consultant • Engineering Technician • Farm Manager*
- *Farm Equipment Manufacturers • Government Agencies • Agribusiness Firms • Implement Dealers*
- *Natural Resource Conservation Service • Financial Institutions • Engine Manufacturers*

Agronomy

Study soil, water, plant, environmental, genetic, range and weed sciences and their relationship to sustaining the world's food supply, protecting the quality of the environment and conserving vital soil and water resources. Can specialize in soil and environmental science, business and industry, consulting and production, range management and plant science/biotechnology.

- *Crop Consultant • Soil or Range Conservationist • Sales Representative • Farm and Ranch Manager*
- *Research Scientist • Loan Officer • Technical Representative • Production Agronomist • Seed Companies*
- *Farm Supply Firms • Government Agencies • Cooperative Extension Service • Cooperatives*
- *Chemical Companies • USDA • Environmental Firms • Field Technician • Crop Insurance Agent*

Animal Sciences and Industry

Learn all about the animal industry including selection, reproduction, breeding, health, feeding, management and marketing of beef cattle, dairy cattle, horses, poultry, sheep and swine, as well as the processing of animal products. Can focus on animal products, business, communications, science/pre-veterinary medicine, production management or bioscience/biotechnology.

- *Livestock Manager • Sales Representative • Livestock Buyer • Finance and Marketing Specialist*
- *Extension Agent • Research Scientist • Communications Specialist • Livestock Photographer*
- *Market Analyst • Animal Care Giver • Quality Control Specialist • Cattle Feedlots*
- *Processing Plants • Pharmaceutical Companies • Consumer Information Agencies*
- *Feed Companies • Commodity Brokerage Firms • Marketing Firms • Livestock Publications*
- *Livestock Commodity Organizations • Government Agencies • Animal Health Firms*
- *Product Development Companies • Inspection Services • Zoo/Exotic Animal Manager*
- *Animal Welfare Auditor • Quality Assurance Technician • Product Research and Development*

Bakery Science and Management

Study the commercial baking industry and related areas with courses in bakery and cereal science, milling, and flour and dough testing. Develop and use skills in chemistry, math and microbiology. Options include production management and cereal chemistry.

- *Technical Sales Representative • Production Supervisor • Quality Control Supervisor*
- *New Product Development Researcher • Plant and Production Manager • Ingredient Suppliers*
- *Food Companies • Trade Organizations • Baking Companies • Equipment Manufacturers*

Feed Science and Management

Learn about feed science and contemporary feed manufacturing technology, including automation of various processes, ingredient quality and processing, management concepts, animal nutrition, packaging and delivery of finished products, and feed additive uses. Options also exist in biofuels processing, pet food production and pre-veterinary.

- *Production Manager • Commodity Trader • Plant Engineer • Design/Project Engineer*
- *Quality Control Supervisor • Plant Manager/Superintendent • Purchasing Manager*
- *Industrial Sales Engineer • Veterinarian • Flour Mills • Feed Companies • Cereal Companies*
- *Exporting Companies • Equipment Manufacturers • Pet Food Companies*
- *Equipment Manufacturers • Grain Elevators*

Food Science and Industry

Learn to blend your interests in the basic sciences with the development, manufacturing, evaluation, marketing and safety of food products. You can specialize in food business and operations or science. Options include science, technology, or business. The science option is great for pre-medicine and pre-veterinary students.

- *Product Researcher • Food Processor • Product Development Specialist • Process Researcher*
- *Flavor Researcher • Quality Assurance Specialist • Production Manager • Food Inspector*
- *Fruit and Vegetable Farmers • Product Grader • Advertising/Marketing Specialist*
- *Technical Sales Representative • Restaurants • Processing Equipment Companies*
- *Ingredient Companies • Government Regulatory Agencies • Market Research Companies*
- *Equipment Engineering Companies • Consulting Companies*

Horticulture

Prepare for a career that could involve plant propagation, production, marketing or maintenance of fruits, vegetables, flowers, ornamental plants and turfgrass. Horticulture incorporates both science and aesthetics.

- *Production Horticulturist • Landscape Designer • Sales Representative • Arborist*
- *Environmental Management • Technical Representative • Nursery Sales Operator*
- *Groundskeeper • Extension Agent • Turf Management • Community Garden Coordinator*
- *Nursery Facilities • Landscape Irrigation Technician • Greenhouse Operator • Tree Farms*
- *Garden Center Management • Golf Course Management • Lawn services • Research Facilities*
- *Resident and Commercial Lawn Services • Plant Geneticists and Breeding • Florist Chains*
- *Floricultural Operations • Horticulture Consultant • International Service in Agriculture*

Milling Science and Management

Learn about the total operations of flour milling and related areas and gain a broad background of scientific knowledge of the cereal-grain milling industries and grain products. Options include management, engineering operations and chemistry.

- *Miller • Manager • Production Trainee • Quality Control Specialist • Commodity Trader*
- *Systems Engineer • Milling Companies • Food Companies • Grain Companies*
- *Government Agencies • Equipment Manufacturers*

Park Management and Conservation

Combine the study of natural sciences with communications, management and social sciences to gain an understanding of the social, political and managerial factors affecting the use of our recreational lands and waters. Students are prepared for careers as professionals in variety of natural resource management agencies and organizations.

- *Program Specialist • Hospitality Director • Facility Manager • City Park Administrator*
- *Park Ranger • Interpreter/Naturalist • Park Director • Recreation Planner • Urban Forester*
- *Youth Agencies • National Park Service • Hunting Lodge Director • U.S. Forest Service*
- *U.S. Army Corps of Engineers • State and County Park Agencies • Resorts*
- *Public Recreation and Parks Departments • Commercial and Corporate Recreation*

Veterinary Medicine/Pre-Veterinary Medicine

The opportunity to successfully complete the pre-veterinary medicine requirements in the College of Agriculture and apply for admission to the College of Veterinary Medicine.

- *Veterinarian • Researcher • Educator • Public Health Administrator • Marketing Specialist*
- *Nutrition Specialist • Wildlife Manager • Physiologist • Private Practice • Specialty Practice*
- *Regulatory Medicine • Government Agencies • Pharmaceutical Companies • Zoo Veterinarian*
- *State and Municipal Inspection Services • Environmental Health Agencies • Animal Health Firms*
- *United States Army Veterinary Corps • Laboratory Animal Programs*

Wildlife and Outdoor Enterprise Management

Integrate management practices of wildlife, fisheries, natural resources, hotel/restaurant operations and business with "in-the-field" outdoor skill experiences. You will be trained in professional operational management for hunting/shooting preserves and resorts, game bird production, fishing resorts and outdoor experience companies.

- *Gamebird Production Entrepreneur • Hunting Resort Manager • Hunting Guide*
- *Fishing Guide • Big Game Production Specialist • Shooting Sports Facility Manager*
- *Outdoor Adventure Company Consultant • Outdoor Experience Coordinator*
- *Outfitter Companies • Agri-tourism Coordinator • Hunting Preserves*

General Agriculture

A non-degree seeking major student can explore different majors while studying agriculture. You will take courses applicable to any major that allow you to explore your interests and prepare you to select a specific major.

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College of Agriculture

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