



NATURAL RESOURCES



Conservation Officer

works with conservationists to secure and protect natural resources.

Hydrologist

examines the physical characteristics, distribution, and circulation of water above and below the earth's surface.

Additional careers:

Biological Technician, Conservationist, Restoration Specialist, Wind Substation Technician, Ethanol Engineer, Geologist, Forester.



PLANT SCIENCE



Agronomy Sales and Management

provides agronomic support and advice to sell products to retail and wholesale customers.

Landscape Designer

plans, proposes, and oversees the development of landscapes through landscaping design and maintenance services.

Additional careers:

Arborist, Custom Applicator, Entomologist, Golf Course Superintendent, Horticulturalist, Landscape Technician, Plant Breeder, Plant Scientist/Field Agronomist, Research Associate, Seed Production Tech, Soil Scientist, Viticulturist.



POWER, STRUCTURAL & TECHNICAL



Welder

connects and fuses steel framework for buildings, machines, and other equipment.

Diesel Mechanic

performs diagnosis and repairs on diesel engines, transmissions, and various agricultural or lawn and garden equipment.

Additional careers:

Heavy Equipment Operator/Forklift Operator, Mechanical Engineer, Parts Manager, Precision Agriculture Specialist.



AGRICULTURE TEACHER

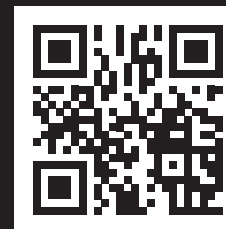
Agriculture teachers provide students with a wide variety of skills in the agriculture, food, and natural resources industry. Teachers are the advisor for the FFA chapter where students develop leadership and communication skills. Teachers engage students with careers and positive workplace experiences.

For more information about the Agriculture Teaching profession, visit: www.TeachAg.net

For more information about Careers in Agriculture, Food and Natural Resources visit:

<http://agexplorer.ffa.org/>

Or scan the QR code for an interactive agricultural career experience.



www.ILAgEd.org



Agricultural, Food, Natural Resources Careers



AGRIBUSINESS



ANIMAL SCIENCES



BIOTECHNOLOGY



ENVIRONMENTAL SERVICES



FOOD PRODUCTS & PROCESSING



NATURAL RESOURCES



PLANT SCIENCES



POWER, STRUCTURAL & TECHNICAL





Sales Representative

is responsible for an assigned territory and product they must market to agricultural suppliers, dealers, or producers.

Commodity Merchandiser

is in charge of customer account management and locating, trading, and purchasing one or more commodities for their company.

Additional careers:

Ag Financial Service Representative, Certified Appraiser, Customer Service Representative, Farm Business Manager/Accountant, Grain Elevator Manager, Human Resources Generalist, Public Relations Specialist, Logistics and Supply Chain Management, Marketing Specialist, Sales Representative, Warehouse/Facility Manager.



Sales Representative: Feed and Animal Health

sells and provides service for feed and animal healthcare products produced by their company for the animal industry.

Veterinarian Technician

assists veterinarians in procedures such as physical exams, dental procedures, spaying and neutering, immunizations, and euthanasia.

Additional careers:

Animal Biotechnologist – Reproductive or Nutritional Specialist, Animal Caretaker/Operations Manager, Feedlot Manager, Livestock Buyer, Meat Processor & Inspector, Veterinarian.



Plant Biologist

specializes in topics such as plant breeding or genetics; they conduct and support research of plant production.

Formulation Chemist

designs and develops new crop protection products, and supports existing products that meet the needs of farmers.

Additional careers:

Regulatory Scientist, Environmental Scientist & Specialist, Plant Breeder, Plant Scientist/Field Agronomist, Seed Production Technician, Bioinformatics Scientist, Biostatistician, Geospatial Analytics Scientist, Toxicologist.



Environmental Engineer

investigates issues within the environment and designs solutions in areas such as water, air pollution, and waste management.

Environmental Scientist & Specialist

directs and supports land and nutrient management operations to comply with company programs and regulatory requirements.

Additional careers:

Environmental Compliance Officer, Environmental Science & Protection Technician, Nutrient Management/Waste Management Specialist.



Food Safety Specialist

ensures that food is processed, packaged, and prepared to the food preparation and food safety standards set by the company and regulatory organizations.

Nutritionist/Dietitian

advises the client regarding food selection, maintenance eating programs and modification of diets to meet certain desired outcomes.

Additional careers:

Food Production Supervisor, Food Safety/Quality Assurance Manager, Product Development Food Scientist, Research & Development Technician.