The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiberwood products, natural resources, horticulture, and other plant and animal products/resources.

### Sample Career Specialties/Occupations


### Pathways

#### Food Products and Processing Systems

- **(Food Processing and preserving, Packaging, Distribution, Government monitoring & regulation)**
- **Plant Systems (Agronomic, Horticulture, Forestry, Turf, Viticulture, Soils, etc.)**
- **Animal Systems (Large animals, small animals, wildlife animals, and research animals)**
- **Power, Structural & Technical Systems (Power, Structures, Controls, Geospatial Technology, Computer Systems, Electronics, Hydraulics, Pneumatics, etc.)**
- **Natural Resources Systems (Habitat Conservation, Forest Products, Parks and Recreation, Mining, Environmental Services, Fisheries, Soil Conservation, etc.)**
- **Environmental Service Systems (Pollution Prevention, Water & Air Quality, Hazardous Materials, Solid Waste Management, Health & Safety Sanitation, etc.)**
- **Agribusiness Systems (Sales, Service, Farm and Ranch Management, Entrepreneurship, Economics, etc.)**

### Cluster knowledge and skills

- Academic Foundations
- Communications
- Problem Solving and Critical Thinking
- Information Technology
- Systems
- Safety, Health and Environment
- Leadership and Teamwork
- Ethics and Legal Responsibilities
- Employability and Career Development
- Technical Skills