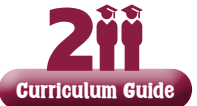


Agriculture, Food and Natural Resources



View all course descriptions and prerequisite requirements in the



ILLINOIS CAREER PATHWAY



NATIONAL CAREER CLUSTERS



Agriculture, Food and Natural Resources

PATHWAY ADDITIONS

Additional Courses to Consider

English writing & communication, Math courses and electives should be reviewed with your teachers/counselors to align best with your interests. Some classes may have prerequisite requirements.

World Languages

Certifications: Seal of Biliteracy

Clubs and Activities

- Business Professionals of America (BPA)
- Culinary Arts Club
- Environmental/Ecology Club
- Future Career & Community Leaders of America (FCCLA)
- Health Occupations Student Association (HOSA)
- Horticulture Club
- Outdoor Adventure Club
- Science Club

PATHWAY CAREER COURSE OPTIONS

Agribusiness Systems

Certifications: QuickBooks, Microsoft Office Specialist, Entrepreneurship and Small Business Management

| Course | Department |
|---|------------|
| Business Explorations | Business |
| Business with Personal Finance [▲] | |
| Technology Applications [*] | |
| Business Management [*] | |
| Business Law | |
| Accounting Financial*/Managerial | |
| QuickBooks [*] | Science |
| Business Incubator* (Entrepreneurship) | |
| Environmental Studies [▲] | |

Food Products and Processing Systems

Certifications: Illinois Food Handlers Certificate, ServSafe® Manager's Certification

| Course | Department |
|--|----------------------------|
| Culinary Arts [*] | Family & Consumer Sciences |
| Practices in Entrepreneurship [*] | |
| Food & Nutrition Science [*] | |
| Chemistry [▲] | Science |

Environmental Service Systems Power, Structural and Technical Systems

| Course | Department |
|---|--------------------|
| Biology ^{**▲} | Science |
| Geography [▲] | |
| Earth Science | |
| Chemistry [▲] | |
| Environmental Studies [▲] | |
| Physics [▲] | |
| Engine & Power Technology | Applied Technology |
| Electronic Technology [*] | |
| Automotive Technology [*] | |
| Principles of Engineering | |
| Bioengineering & Environmental Sustainability | |

*Dual Credit

▲Advanced Placement

PATHWAY CAREER OPTIONS

► Certificates/Associates Degree

Agricultural Equipment Operators
Agricultural Inspectors
Agricultural Managers
Agricultural Product Graders & Sorters
Animal Breeders
Animal Trainers
Butchers and Meat Cutters
Chemical Technicians
Commercial Divers
Continuous Mining Machine Operators
Conveyor Operators and Tenders
Earth Drillers
Explosives Workers
Fallers
Farm Equipment Mechanics and Service Technicians
Farm Labor Contractors
Farm, Ranch, and Aquaculture Animal Farmworkers
Farmworkers
Fishing and Hunting Workers
Floral Designers
Food Batchmakers
Food Cooking Machine Operators and Tenders
Forest and Conservation Technicians

Gas Compressor and Gas Pumping Station Operators
Gas Plant Operators
Geothermal Production Managers
Geothermal Technicians
Hazardous Materials Removal Workers
Helpers for Extraction Workers
Industrial Production Managers
Industrial Truck and Tractor Operators
Landscaping and Groundskeeping Workers
Log Graders and Scalars
Logging Equipment Operators
Machine Operators and Tenders for Roasting, Baking, and Drying Food and Tobacco
Meat, Poultry, and Fish Cutters & Trimmers
Mining Excavating Machine and Dragline Operators
Mining Loading and Moving Machine Operators
Mobile Heavy Equipment Mechanics
Nonfarm Animal Caretakers
Oil and Gas Derrick Operators
Oil and Gas Rotary Drill Operators
Oil and Gas Roustabouts
Oil, Gas, and Mining Service Unit Operators

Pest Control Workers
Pesticide Handlers, Sprayers, & Applicators
Petroleum Pump System Operators, Refinery Operators, and Gaugers
Pump Operators
Quarry Rock Splitters
Recycling and Reclamation Workers
Recycling Coordinators
Refuse and Recyclable Material Collectors
Roof Bolters
Slaughterers and Meat Packers
Supervisors of Construction Trades and Extraction Workers
Supervisors of Farming, Fishing, and Forestry Workers
Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers
Tank Car, Truck, and Ship Loaders
Tree Trimmers and Pruners
Veterinary Assistants and Laboratory Animal Caretakers
Veterinary Technologists and Technicians
Water and Wastewater Treatment Plant and System Operators
Wellhead Pumps

Wholesale and Manufacturing Sales Representatives for Technical and Scientific Products
Wind Energy Operations Managers
► Bachelor's Degree or Higher
Agricultural Technicians
Animal Scientists
Biofuels Production Managers
Biomass Power Plant Managers
Brownfield Redevelopment Specialists and Site Managers
Conservation Scientists
Environmental Compliance Inspectors
Environmental Engineering Technicians
Environmental Engineers
Environmental Science Technicians
Environmental Scientists and Specialists
Farm and Home Management Educator
Farm Product Buyers and Purchasing Agents
Fish and Game Wardens
Food Scientists and Technologists
Forest and Conservation Workers
Foresters
Geological Technicians
Hydrologic Technicians
Natural Sciences Managers
Occupational Health and Safety

Technicians
Park Naturalists
Precision Agriculture Technicians
Range Managers
Soil and Plant Scientists
Veterinarians
Wind Energy Development Managers
Zoologists and Wildlife Biologists



To learn more about pathway career options, complete the Interest Profiler in [Maia Learning](#). Add your favorites ♥ to your career list!