



# Career Major: Natural & Agricultural Science

Northville Central School Counseling Office

2009-2010

People working in this field apply technical and scientific knowledge to the study of the earth and its elements and frontiers. They care for and protect environments, harvest natural resources and raise animals. Careers are usually related to agriculture, aquaculture, horticulture or animal science.

## High School Natural & Agricultural Science Classes

### Natural & Agricultural Science Grade 9:

- \* English 9
- \* Studio Art or Music in our Lives or DDP
- \* Earth Science
- \* Global Studies 9
- \* Spanish II
- \* Integrated Algebra
- \* Physical Education HS 9-12 1/2

### Natural & Agricultural Science Grade 10:

- \* English 10
- \* Global Studies 10
- \* Geometry
- \* Biology
- \* Spanish III
- \* Health 1/2
- Physical Education HS 9-12 1/2
- \* Career & Financial Management 1/2

### Natural & Agricultural Science Grade 11:

- \*English 11
- \*US History & Government 11
- \*Algebra II/Trigonometry
- \*Chemistry
- \*Environmental Science/Marine Science
- \*Spanish IV
- \*Adirondack Science
- \* Environmental Conservation I
- \*Physical Education HS 9-12 1/2
- \* Equine Science I
- \*Career Exploration Internship Program

### Natural & Agricultural Science Grade 12:

- \*English 103 / English 104
- \*Economics & Part in Government
- \*English 12 or Wrtg/Pub Spkng
- \*Spanish V
- \*Pre-Calculus
- \*Calculus
- \*Physics
- \*College Biology / College Chemistry
- \*Physical Education HS 9-12 1/2
- \*Equine Science II
- \*Career Exploration Internship Program
- \*Environmental Conservation II

## Examples of Natural & Agricultural Science Occupations

*Entry Level Careers: Require a high school diploma, vocational training and/or job training:*

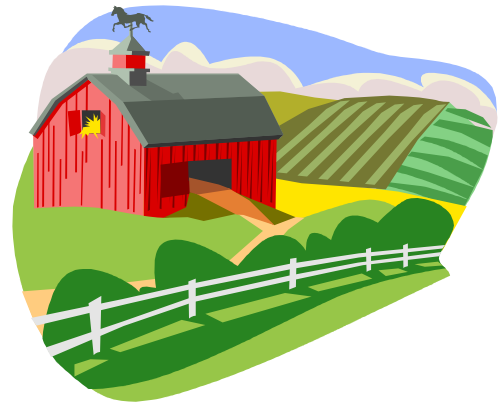
- \* Farm Hand
- \* Dog Groomer
- \* Greenskeeper
- \* Veterinary Assistant
- \* Animal Caretaker

*Skilled Level Careers: Require vocational education, apprenticeships, community college preparation and/or experience:*

- \* Farmer
- \* Animal Breeder
- \* Horse Trainer
- \* Florist
- \* Forest Technician

*Professional Careers: Require a four year or advanced college degree:*

- \* Fish & Game Warden
- \* Veterinarian
- \* Floral Designer
- \* Park Ranger
- \* Animal Researcher
- \* Landscape Architect



### Possible Natural and Agricultural Science Career Majors at Fulton Montgomery Community College

- Agricultural Planning:  
Spatial Information Technology (Certificate)
- Biochemistry:  
Lib. Arts & Sciences: Science (A.S)
- Biology:  
Lib. Arts & Sciences: Science (A.S.)
- Botany:  
Lib. Arts & Sciences: Science (A.S)
- Chemistry:  
Lib. Arts & Sciences: Science (A.S)
- Earth Science:  
Lib. Arts & Sciences: Science (A.S.)
- Environmental Studies:  
Lib. Arts & Sciences: Science (A.S.)
- Forestry:  
Lib. Arts & Sciences: Science (A.S)
- Geographic Information Systems:  
Spatial Information Technology (Certificate or A.S)
- Land Management:  
Spatial Information Technology (Certificate or A.S.)
- Marine Biology:  
Lib. Arts & Sciences: Science (A.S.)
- Material Science:  
Lib. Arts & Sciences: Science or Engineering Science (A.S)
- Meteorology:  
Lib. Arts & Sciences: Science (A.S)
- Microbiology:  
Lib. Arts & Sciences: Science (A.S)
- Natural Resources:  
Lib. Arts & Sciences: Science (A.S)
- Oceanology:  
Lib. Arts & Sciences: Science (A.S)
- Physics:  
Lib. Arts & Sciences: Science or Engineering Science (A.S)
- Veterinary Medicine:  
Lib. Arts & Sciences: Science (A.S)
- Wildlife Biology:  
Lib. Arts & Sciences: Science (A.S)
- Zoology:  
Lib. Arts & Sciences: Science (A.S)