The Science of Discovery

EARTH
Across the state or around the world, improve the health of families, animals and the planet. Explore landscaping and horticulture through hands-on degree programs. Feeding, fueling and designing sustainable and aesthetically-pleasing global communities require the brightest minds and passion to make a difference for a better tomorrow. The Earth discipline reinforces that science and society are firmly linked.

Agricultural & Food Studies
- Monroe (C)
- Agricultural Automation and Robotics
- Alfred State (A)
- Agricultural Business
- Alfred State (A)
- Cobleskill (A)
- Morrisville (A)
- Agricultural Business Development
- Morrisville (B)
- Agricultural Business Management
- Cobleskill (B)
- Agricultural Entrepreneurship
- Alfred State (B)
- Agricultural Equipment Technology
- Alfred State (B)
- Agricultural Mechanics
- Morrisville (C)
- Agricultural Science
- Cobleskill (A)
- Morrisville (A)
- NYS College of Agriculture and Life Sciences at Cornell University (B)
- Agriculture
- Animal Industry
- Cobleskill (C)
- Agriculture Education
- Oswego (B)
- Agriculture Technology
- Alfred State (A)
- Animal Management
- Niagara (A)
- Animal Science
- Cobleskill (C)
- Animal Science: Beef & Livestock Studies
- Cobleskill (A)
- Animal Science: Dairy
- Morrisville (A)
- Animal Science: Dairy Production & Management
- Cobleskill (A)
- Animal Science: Equine Science & Management
- Morrisville (A)
- Animal Sciences
- NYS College of Agriculture & Life Sciences at Cornell (B)

Animal Studies:
- Equine Studies
- Cobleskill (A)
- Applied Fermentation
- Cobleskill (B)
- Dairy Management
- Morrisville (B)
- Equine Science
- Morrisville (B)
- Food Processing Technology
- Genesea (A)
- Food Science
- NYS College of Agriculture and Life Sciences at Cornell University (B)
- Food Systems & Technology
- Cobleskill (B)
- Forest Ecosystem Science
- Environmental Science & Forestry (B)
- Forest Health
- Environmental Science & Forestry (B)
- Forest Resource Management:
  - General Forestry
  - Environmental Science & Forestry (B)
- Forest Technology
- Adirondack (A)
- Alfred State (A)
- Canton (A)
- Clinton (B)
- Dutchess (A)
- Environmental Science & Forestry (A)
- Finger Lakes (A)
- Morrisville (A)
- Tompkins Cortland (A)
- Golf and Sports Turf Management
- Delhi (B)
- Horticulture
- Finger Lakes (A,C)
- Morrisville (A)
- Horticulture Business Management
- Morrisville (B)
- Horticulture Sciences
- Delhi (B)
- Horticulture Technology Management
- Farmingdale (B)
- International
- Agriculture and Rural Development
- NYS College of Agriculture and Life Sciences at Cornell University (B)
- Landscape Architecture
- Environmental Science & Forestry (B)
- Landscape Contracting
- Cobleskill (B)
- Landscape Development
- Cobleskill (B)
- Natural Resources Conservation
- Finger Lakes (A,C)
- Morrisville (A)
- Natural Resources Management:
  - Environmental Science & Forestry (B)
- Ornamental Horticulture
- Farmingdale (C)
- Ornamental Horticulture:
  - Landscape Development
- Cobleskill (B)
- Plant Science
- Cobleskill (B)
- NYS College of Agriculture and Life Sciences at Cornell University (B)
- Renewable Energy
- Morrisville (A)
- Renewable Materials Science
- Environmental Science & Forestry (B)
- Renewable Resources Technology
- Morrisville (B)
- Solar Thermal Technology
- Technology
- Morrisville (B)
- Sustainability
- Delhi (B)
- Monroe (C)
- Key: B = Bachelor’s Degree    A = Associate Degree    C = Certificate

Life
Life scientists study interactions among living things, such as plants, animals, and humans. Their work may take them from a laboratory where they examine microscopic organisms to a rainforest where they observe the behavior of monkeys. Careers in life science cover a broad range of fields from science teacher to immunologist, but all focus on an area of life, whether at the cellular level or the global level.

Adolescence Biology
- Inclusive Education
- Brockport

Adolescence Education:
- Biology
- Buffalo State (B)
- Columbia-Greene (A)
- (Jointly registered with New Paltz)

Biological Sciences
- Genesea (A)
- New Paltz (B)
- Old Westbury (B)
- Oneonta (B)
- Orange (A)
- (Jointly registered with New Paltz)
- Oswego (B)
- Potsdam (B)
- Stony Brook (B)
- SUNY Poly (B)
- Biology
- Monroe (A)
- Nassau (A)
- Niagara (A)
- Biomedical Science(s)
- University at Buffalo (B)
- Cortland
- Plattsburgh (B)
- Biomedical Sciences/Pharmacy
- University at Buffalo (B)
- Cobleskill (B)
- Environmental Science & Forestry (B)
- Finger Lakes (A)
- Genesea (A)
- Hudson Valley (A,C)
- Jamestown (A)
- Monroe (A)
- Niagara (A)
- Schenectady (A)
- Tompkins Cortland (A,C)
- Conservation Biology
- Cortland (B)
- Environmental Science & Forestry (B)
- Ecology
- Plattsburgh (B)
- Environmental Biology
- Environmental Science & Forestry (B)
- Environmental Sciences
- Fredonia (B)
- Fermentation Science
- Cobleskill (B)
- Human Biology
- Albany (B)
- Human Evolutionary Biology
- Stony Brook (B)
- Marine Vertebrate Biology
- Stony Brook (B)
- Medical Biotechnology
- Upstate Medical University (B)
- Middle Childhood:
  - Biology
  - Old Westbury (B)
- Molecular Genetics
- Fredonia (B)
- Neuroscience
- University at Buffalo (B)
- Genesea (A)
- Pharmaceutical Sciences
- University at Buffalo (B)
- Pharmacology & Toxicology
- University at Buffalo (B)
- Pharmacy
- University at Buffalo (B)
- Science, Technology & Society
- Farmingdale (B)
- Morrisville (B)
- Zoology
- Oswego (B)
PHYSICAL SCIENCES

Analyzing the nature and properties of energy and non-living matter in any of the following sciences: chemistry, physics, astronomy, and geology.

Adolescence Chemistry
Inclusive Education
Brockport  B

Adolescence
Earth Science
Inclusive Education
Brockport  B

Adolescence Education:
Chemistry
Columbia-Greene A
(Joinly registered with New Paltz)
Cortland A
Dutchess A
(Joinly registered with New Paltz)
Fredonia A
Geneese A
New Paltz A
Old Westbury A
Oneonta A
Oswego A
Plattsburgh B
Potsdam A
Stony Brook A
Ulster A
(Joinly registered with New Paltz)

Adolescence Education:
Chemistry
Plattsburgh B

Adolescence Education:
Earth Science
Buffalo State A
Cortland A
Dutchess A
(Joinly registered with New Paltz)
Fredonia A
New Paltz A
Oneonta A
Oswego A
Plattsburgh B
Potsdam A
Stony Brook A

Adolescence Education:
Geology
Plattsburgh B

Adolescence Education:
Physics
Cortland A
Fredonia A
Geneese A
New Paltz A
Oneonta A
Oswego A
Plattsburgh B
Potsdam A
Stony Brook A

Adolescence Education:
Physics
Plattsburgh B

Adolescence Physics
Inclusive Education
Brockport A

Astronomy
New Paltz A

Astronomy:
Planetary Sciences
Stony Brook A

Atmospheric Sciences:
Meteorology
Albany A

Atmospheric Sciences:
NYS College of Agriculture & Life Sciences at Cornell B

Biophysics
Geneese B

Chemistry
Albany A
Binghamton B
Brockport B
Buffalo State A
University at Buffalo A
Cortland A
Environmental Science & Forestry A
Fredonia A
Geneese A
Monroe A
New Paltz A
Niagara A
Old Westbury A
Oneonta A
Oswego B
Plattsburgh B
Potsdam B
Purchase A
Stony Brook A

Chemistry/Applied Chemistry
Adolescence Education:
Chemistry
New Paltz B

Chemistry/Chemistry Education:
Adolescence Education
Old Westbury B

Chemistry/Chemistry Education:
Adolescence Education
University at Buffalo B

Chemistry/Pharmacy
University at Buffalo C

Earth and Atmospheric Sciences
NYS College of Agriculture and Life Sciences at Cornell University A

Earth and Space Science
Stony Brook A

Earth Science
Brockport B
Buffalo State A
Fredonia B
Oneonta A
Plattsburgh B

Engineering Chemistry
Stony Brook A

Environmental Geoscience
New Paltz A

Environmental Geoscience(s)
University at Buffalo B
Cortland A
Plattsburgh B

Environmental Science
Brockport B
Broome A
Clinton A
Corning A
Environmental Science & Forestry A
Erie (North) A
Hudson Valley A
Jamestown A
North Country A
Plattsburgh A
Rockland A
Westchester A

Forensic Chemistry
Buffalo State B

PHYSICAL SCIENCES (cont.)

Forensic Science
(Studies) Technology
Alfred State A
Hudson Valley A

Geochmistry
Geneese A

Geology
Buffalo State B

Geographic Information Science
University at Buffalo B
Potsdam A

Geographic Information Systems
Cayuga A
Cortland A
Farmingdale A

Geological Sciences
Binghamton A
University at Buffalo B

Geological Sciences/Earth Science Education:
Adolescence
University at Buffalo B

Geology
Brockport B
Buffalo State B
Cortland A
Fredonia B
Geneese A
Monroe A
New Paltz A
Niagara A
Old Westbury A
Oneonta A
Oswego A
Plattsburgh B
Potsdam B
Purchase A
Stony Brook A

Geology/Applied Geology
Adolescence Education:
Earth Science
New Paltz B

Geophysics
Geneese A

Geophysical Science and Technology
Onondaga A

Liberal Arts & Sciences:
Science
Broome A
Cobleskill A

Dutchess A
Fulton-Montgomery A
Herkimer A
Monroe A
Schenectady A
Suffolk A
Mathematical Physics
University at Buffalo B
Fredonia A
Medicinal Chemistry
University at Buffalo B
Meteorology
Brockport B
Oneonta A
Oswego A
Middle Childhood Education:
Chemistry
Old Westbury A
Paper Engineering
Environmental Science & Forestry A
Pharmacutical Sciences
University at Buffalo B

Physics
Albany A
Binghamton A
Brockport B
Buffalo State B
University at Buffalo B
Cortland A
Fredonia B
Geneese A
Monroe A
New Paltz A
Niagara A
Old Westbury A
Oneonta A
Oswego A
Plattsburgh B
Potsdam B
Purchase A
Stony Brook A

Physics/Applied Physics
Geneese A

Physics: Computational Science
University at Buffalo B

Renewable Energy
Morrisville A
Science:
Interdisciplinary
Potsdam A

WATER

Study the complex interaction between humans and natural environments through an integrated curriculum that blends physical and natural sciences, physical geography, technical and scientific coursework and environmental ethics, policy and law, to improve the stewardship of environmental resources. Programs also focus on the preparation of the next generation of environmental science and policy leaders.

WATER (cont.)

Fisheries & Aquaculture
Cobleskill A

Fish and Wildlife Technology
Stony Brook A

Environmental Education:
Fish and Wildlife Technology
Cobleskill A

Environmental Studies
Buffalo A

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For more information about these academic programs, contact SUNY campuses on the web at www.suny.edu/contactcampuses.