

Departments & Facilities

College of Agriculture and Life Sciences



Academic Departments

The college has 26 academic departments, each offering its own unique teaching, research, and extension programs:

Animal Science	Food Science and Technology (Geneva)
Applied Economics and Management	Horticulture
Biological and Environmental Engineering	Horticultural Sciences (Geneva)
Biological Statistics and Computational Biology	Landscape Architecture
Communication	Microbiology
Crop and Soil Sciences	Molecular Biology and Genetics
Development Sociology	Natural Resources
Earth and Atmospheric Sciences	Neurobiology and Behavior
Ecology and Evolutionary Biology	Nutritional Sciences
Education	Plant Biology
Entomology (Geneva)	Plant Breeding and Genetics
Entomology (Ithaca)	Plant Pathology and Plant-microbe Biology (Geneva)
Food Science	Plant Pathology and Plant-microbe Biology (Ithaca)

Teaching, Research, and Extension Facilities and Programs

The college features a wide range of world-class facilities and programs both on and off campus. Some of these are available to the public and industry.

American Indian Program
Analytical Lab in Food Science
Animal Science Teaching and Research Center
Arnot Teaching and Research Forest
Bailey Hortorium
Canton Field Station
Community and Rural Development Institute (CaRDI)
Comstock Memorial Library of Entomology
Cornell Biological Field Station at Shackelton Point
Cornell Cooperative Extension, operating in every county in
New York, including New York City
Cornell Educational Resources Program
Cornell Farmworker Program
Cornell Institute for Resource Information Systems



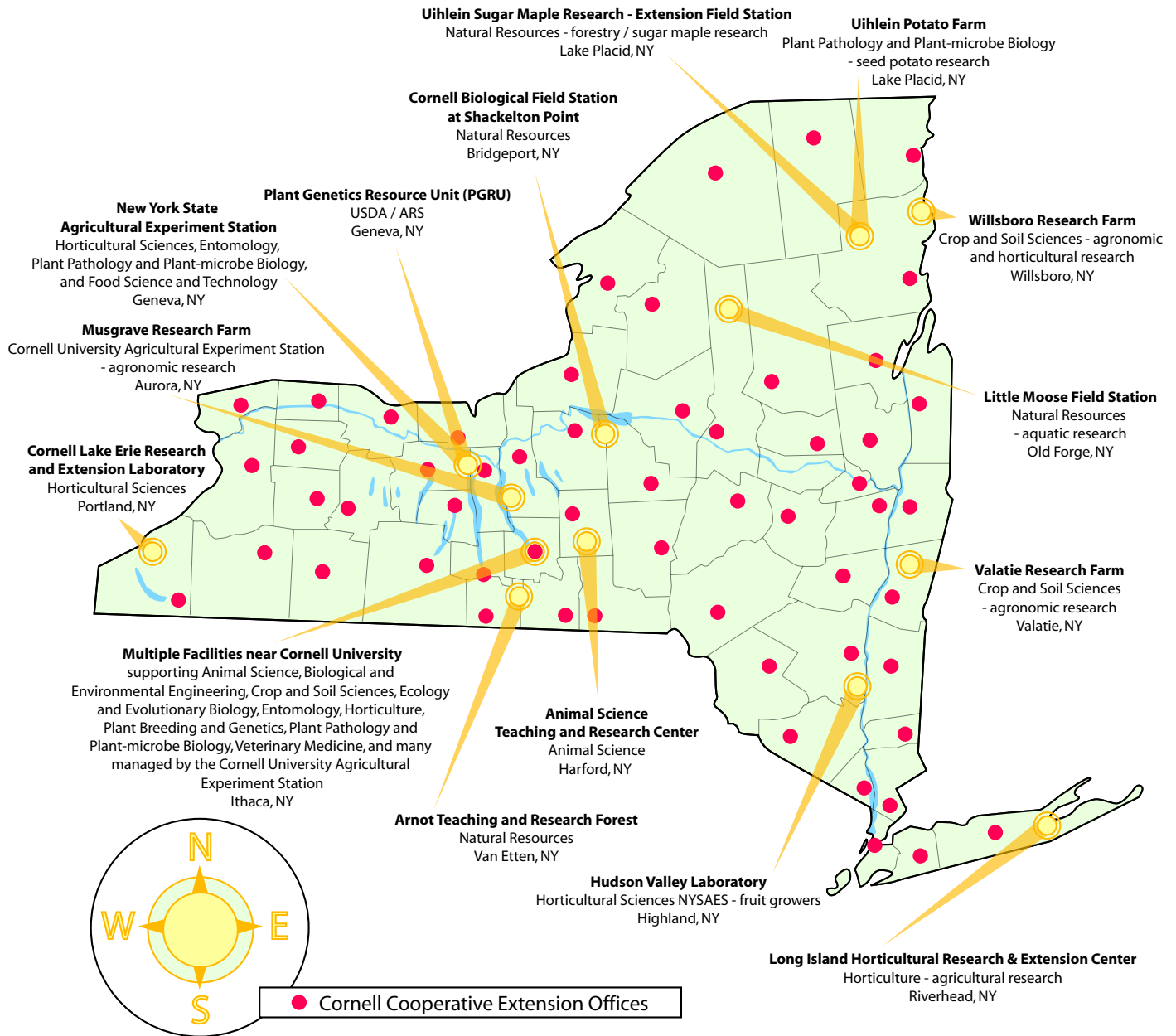


Departments and Facilities *(continued)*

Cornell International Institute for Food, Agriculture,
 and Development
 Cornell Lake Erie Research and Extension
 Laboratory
 Cornell Nutrient Analysis Labs
 Cornell Plantations
 Cornell University Agricultural Experiment Station
 Cornell University Biodiversity Laboratory at Punta
 Cana, Dominican Republic
 EsBaran Field Station, Peru
 Food Processing and Development Laboratory
 Fruit and Vegetable Processing Pilot Plant
 Hudson Valley Lab
 Human Dimensions Research Unit
 Insect Diagnostic Lab
 Institute for Biotechnology and Life Science
 Technologies
 Institute for Comparative and Environmental
 Toxicology
 Institute for Genomic Diversity
 Integrated Pest Management Program
 International Programs
 International Service for the Acquisition of
 Agri-biotech Applications
 Laboratory of Ornithology
 Little Moose Field Station
 Long Island Horticultural Research and Extension
 Center
 Mann Library
 Musgrave Research Farm
 Natural Resource, Agriculture, and Engineering Service
 New York Cooperative Fish and Wildlife Research Unit
 New York Food Venture Center
 New York State Agricultural Experiment Station at Geneva
 New York Wine Analysis Lab
 Northeast Dairy Foods Research Center
 Northeast Regional Climate Center
 NY FarmNet
 Plant Disease Diagnostic Lab
 Plant Genetic Resources Unit
 Plant, Soil, and Nutrition Lab Agricultural Research
 Service
 Resource Ecology and Management Laboratory
 Sarkaria Institute for Insect Physiology
 Shoals Marine Laboratory, Appledore Island, NH
 Soil Testing Lab
 Uihlein Potato Research Station
 Uihlein Sugar Maple Research and Extension Field Station
 Valatie Farm
 Vinification and Brewing Laboratory
 Waste Management Institute
 Water Resources Institute
 Willsboro Field Station

Farms, Field Stations, and Plant Growth Facilities

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Course Sampler

College of Agriculture and Life Sciences

American Indian Studies:

Contemporary Issues in Indigenous North America
Anthropology of Colonialism
Tribal Governance and Environmental Policy

Applied Economics and Management:

International Trade and Finance
Personal Enterprise and Small Business Management
Emerging Markets
Agricultural Finance

Animal Science:

Farm Animal Behavior
Nutrition of Exotic Animals
Introduction to Canine Genetics
Ethics and Animal Science

Biological Sciences:

Nanobiotechnology
Mammalian Embryology
Molecular Basis of Human Disease
Biology of Fishes
Microbial Genomics
Plant Ecology and Population Biology
Brain, Mind, and Behavior
The Healing Forest

Biological and Environmental Engineering:

Engineering for a Sustainable Society
Principles of Navigation
Biosensors and Bioanalytical Techniques
Water Sampling and Measurement

Biometry and Statistics:

Theory and Probability
Statistical Genomics

Communication:

Contemporary Mass Communication
Communication Law
Human-Computer Interaction Design
Public Opinion and Social Processes
Risk Communication

Crop and Soil Sciences:

Global Positioning System
The GMO Debate: Environmental Impacts
Grains and Nutraceuticals

Development Sociology:

Population Dynamics
Sociology of Health of Ethnic Minorities
International Development

Earth and Atmospheric Sciences:

Climate and Global Warming
Weather Forecasting and Analysis
Earthquake!
Vulcanology
Marine and Coastal Geology

Education:

Psychology of Adolescence in Case Study
Education and Development in Africa
Teaching Agricultural, Extension, and Adult Education

Entomology:

Alien Empire: Bizarre Biology of Bugs
Medical and Veterinary Entomology
Insect Ecology

Food Science:

Sensory Evaluation of Foods
Food Safety Assurance
Understanding Wine and Beer

Horticulture:

Viticulture and Vineyard Management
Restoration Ecology
Public Garden Management

International Agriculture and Rural Development:

Traditional Agriculture in Developing Countries
Patents, Plants, and Profits: Intellectual Property Management for Scientists and Entrepreneurs

Information Science:

Psychology of Social Computing
Data-Driven Web Applications
Culture, Law, and Politics of the Internet

Landscape Architecture:

Creating the Urban Eden
Parks and Fora of Imperial Rome
Landscape Preservation

Natural Resources:

People, Values, and Natural Resources
Conservation of Birds
Global Ecology and Management
Wildlife Population Analysis

Plant Breeding and Genetics:

Plants, Genes, and Global Food Production
Breeding for Pest Resistance

Plant Pathology and Plant-microbe Biology:

Magical Mushrooms, Mischievous Molds
Viral Plant Diseases

Science of Natural and Environmental Systems:

Introduction to Science and Management of Environmental and Natural Resources
Environmental Sciences Colloquium

