

23 Majors

Agricultural Sciences

Gather a broad overview of agriculture, as well as more intense study and hands-on experience in one of five concentrations: animal science; crop production and management; sustainable agriculture; applied economics and management; education and communication.

Animal Science

Prepare for study in veterinary medicine or careers in animal production, biotechnology and conservation, in a program that has been nationally recognized in animal breeding and genetics, nutrition, physiology, growth, behavior and management.

Applied Economics & Management

The Dyson School of Applied Economics and Management (AEM), part of both the College of Agriculture and Life Sciences and the Cornell SC Johnson College of Business provides management education and the opportunity to specialize in accounting, agribusiness management, applied economics, finance, food industry management, international trade and development, marketing or strategy.

Atmospheric Science

Examine the behavior of weather and climate, and gain experience in the analysis, interpretation and forecasting of meteorological events.

Biological Engineering

Integrate engineering and biology to solve some of the challenges facing our world, such as ensuring an adequate and safe food supply, protecting natural resources and developing systems that monitor, replace or intervene in the mechanisms of living organisms.

Biological Sciences

Study the fundamentals of biology while concentrating on: animal physiology; biochemistry; computational biology; ecology and evolutionary biology; genetics, genomics and development; insect biology; marine biology; microbiology; molecular and cell biology; neurobiology and behavior; human nutrition; plant biology and systematics and biotic diversity.

Biology & Society

Examine the social, political and ethical aspects of modern biology research and practice. Explore the impact of genetic engineering and new medical technologies and the influence of heredity versus environment on human behavior.

Biometry & Statistics

Apply statistics, mathematics, computing, and other methods to solve problems in diverse fields, from the life and social sciences to business and finance.

Communication

Study communication processes and apply theory to understanding audiences, shaping messages, and interacting with individuals and technologies. Focus areas include: environment, science and health; media studies; information technologies; and social influence.

Development Sociology

Contribute to understanding societal development and factors to solve social problems, both local and global, in a program that is well known for international, domestic, rural, environmental, agricultural and population

Entomology

Earn an education in biological and environmental sciences, with a special emphasis on insects—the most diverse group of organisms on Earth. The Department of Entomology was the first of its kind in the U.S. and remains one of the largest programs in the nation.

Environmental Engineering

Prepare for careers in the technical management of natural resources, including work in water, soil, and air quality, in a program that incorporates engineering and the study of the natural environment.

Environmental & Sustainability Sciences

Gain a comprehensive and integrated view of the biological, physical-chemical, ecological and social dimensions of environmental and natural resource issues. Concentrations include: environmental biology and applied ecology; environmental economics; environmental policy and governance; land, air and water resources and a student-design option.

Food Science

Explore food systems from processing and packaging to distribution, evaluation and safety, and solve real-world problems by combining chemistry, microbiology, nutrition and engineering. Focus on food science, food operations and management or food safety.

Global & Public Health Sciences

Explore multidisciplinary solutions for population-level health issues, with a focus on disease prevention and health promotion, epidemiology and biostatistics, and resource-challenged environments.

Information Science

Examine the cultural, economic, historical, legal and political contexts in which information systems are employed and understand their impact on individuals and institutions. Investigate web environments, cyber finance, human-computer interaction, social networks, artificial intelligence, the evolution of new communication systems and more.

Interdisciplinary Studies

Explore and develop a set of courses around interests in multiple disciplines across the college.
(Open to current students only).

International Agriculture & Rural Development

Learn about the challenges and opportunities that exist in developing countries, with concentrations in economics and development, agricultural food systems and environment and ecosystems. Overseas experiences and studies are incorporated into the major.

Landscape Architecture

Design outdoor areas including parks, restored wetlands, urban plazas, historic sites, and botanical gardens. Also work in urban development, land use planning, conservation, historic preservation and ecological designs.

Nutritional Sciences

Understand relationships among human health and well-being, food and lifestyle patterns, food quality and agricultural systems, and social and institutional environments, while drawing on chemistry, biology, and social sciences. Focus on: human nutrition; community nutrition; international nutrition; and molecular nutrition.

Plant Sciences

Study the biology, growth and development of plants, as well as the use of plants for food, fiber and ornamental purposes. Concentrations include: evolution, systematics and ecology; plants and human health; plant genetics and breeding; plant physiology and molecular biology; and sustainable plant production and landscape management.

Science of Earth Systems

Build the foundation for the future management of our planet by studying the earth systems, with a focus on understanding and managing the resources of the lithosphere, biosphere, hydrosphere, and atmosphere.

Viticulture & Enology

Prepare to become a leader in the wine industry. The program includes coursework in chemistry, biology, plant science, communications and statistics as well as winemaking, vineyard development, economics and management.

15 Departments

Animal Science

Biological and Environmental Engineering
Biological Statistics and Computational Biology
Communication

Development Sociology

Earth and Atmospheric Sciences

Ecology and Evolutionary Biology

Entomology

Food Science

Landscape Architecture

Microbiology

Molecular Biology and Genetics

Natural Resources

Neurobiology and Behavior

Nutritional Sciences

2 Schools

Charles H. Dyson School of Applied Economics and Management

School of Integrative Plant Science

Units & Programs

Agricultural Sciences

American Indian and Indigenous Studies Program

Community and Regional Development Institute

Cornell Botanic Gardens

Integrated Pest Management

International Programs

Long Island Horticulture Research and Extension Center

New York Sea Grant

Pesticide Management Education Program

The Cornell Lab of Ornithology

Shoals Marine Laboratory