

# AGRICULTURAL SCIENCES

## Departments and Schools

### Department of Agricultural and Biological Engineering

Founded in 1930, the Department of Agricultural and Biological Engineering in Penn State's Colleges of Agricultural Sciences and Engineering, provides high quality engineering education, research, and outreach. Our mission is to advance the engineering sciences, business, and technical management of biological and agricultural systems by promoting scholarship and engaging our students and stakeholders.

MORE INFORMATION ABOUT THE DEPARTMENT OF AGRICULTURAL AND BIOLOGICAL ENGINEERING (<http://abe.psu.edu>)

### Department of Agricultural Economics, Sociology, and Education

The scholarship in AESE is related to people, society, and economic systems grounded in theory and methods from the social, behavioral and economic sciences. We develop and employ approaches to discover fundamental and applied principles that advance science and improve the health, prosperity and welfare of people in Pennsylvania and beyond.

MORE INFORMATION ABOUT THE DEPARTMENT OF AGRICULTURAL ECONOMICS, SOCIOLOGY, AND EDUCATION (<http://aese.psu.edu>)

### Department of Animal Science

The Department of Dairy and Animal Science originated in 1887, when Henry Armsby became director of the Agricultural Experiment Station. Today the department encompasses all food production animals and companion animals. We offer world-class teaching, research, and extension programs in a variety of key areas in animal agriculture and the food system.

MORE INFORMATION ABOUT THE DEPARTMENT OF ANIMAL SCIENCE (<http://animalscience.psu.edu>)

### Department of Ecosystem Science and Management

The Department of Ecosystem Science and Management is Pennsylvania's leader in preparing students for careers in sustainable management of natural resources. We conduct research to create new knowledge about forests, wildlife and fisheries, soils, and watersheds, and disseminate that knowledge through the classroom and extension education programs serving various stakeholders.

MORE INFORMATION ABOUT THE DEPARTMENT OF ECOSYSTEM SCIENCE AND MANAGEMENT (<http://ecosystems.psu.edu>)

### Department of Entomology

The diverse members of the Department of Entomology investigate fundamental and applied biological questions from the level of the molecule to population and community. Our mission is to conduct outstanding research on insect science that will improve human health, quality of life, and the sustainability of our food and ecosystems.

MORE INFORMATION ABOUT THE DEPARTMENT OF ENTOMOLOGY (<http://ento.psu.edu>)

### Department of Food Science

The Department of Food Science at Penn State is one of the premier food science departments in the country. Our undergraduate food

science major offers students hands-on science dealing with real-world applications; small, friendly atmosphere; world-class internship experiences; excellent scholarship opportunities, and near-100% job placement.

MORE INFORMATION ABOUT THE DEPARTMENT OF FOOD SCIENCE (<http://foodscience.psu.edu>)

### Department of Plant Pathology and Environmental Microbiology

The Department of Plant Pathology provides students with top-ranked educational and research opportunities in a collegial and friendly atmosphere. A major goal of our department is to support growth of healthy plants in order to beautify our living spaces, sustain our food supply, and maintain an inhabitable ecosystem.

MORE INFORMATION ABOUT THE DEPARTMENT OF PLANT PATHOLOGY AND ENVIRONMENTAL MICROBIOLOGY (<http://plantpath.psu.edu>)

### Department of Plant Science

The Department of Plant Sciences encompasses horticulture, agronomy and crops and soils sciences. Our mission is to enhance our understanding and management of agronomic and horticultural crops and managed landscapes that are the foundation for managed ecosystems, food and fiber production, landscapes and environmental quality to enhance human environments.

MORE INFORMATION ABOUT THE DEPARTMENT OF PLANT SCIENCE (<http://plantscience.psu.edu>)

### Department of Veterinary and Biomedical Sciences

The Department of Veterinary and Biomedical Sciences at Penn State achieves excellence in research, teaching, and outreach in biomedical sciences and veterinary medicine. Our Department offers three undergraduate degrees at Penn State: Immunology and Infectious Disease, Toxicology, and Veterinary and Biomedical Sciences.

MORE INFORMATION ABOUT THE DEPARTMENT OF VETERINARY AND BIOMEDICAL SCIENCES (<http://vbs.psu.edu>)