

# Interested in Learning More?

The College of Agriculture and Natural Resources opens its doors to you. The graduate program coordinator in each department can serve as a contact for further information or visit us on the web at <http://ag.udel.edu>.

The University of Delaware's Office of Graduate and Professional Education can also assist in helping you with your graduate pathway. Visit them online at <http://www.udel.edu/gradoffice>. The website gives detailed information regarding application procedures and deadlines.



## GENERAL INFORMATION

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## ANIMAL AND FOOD SCIENCES

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## BIORESOURCES ENGINEERING

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## ENTOMOLOGY AND WILDLIFE ECOLOGY

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# GRADUATE EDUCATION

## A World of Opportunity



# GRADUATE PROGRAMS AT THE UD COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

Graduate programs in the University of Delaware's College of Agriculture and Natural Resources (CANR) are characterized by the aggressive recruitment of high quality students from major U.S. and international universities, highly competitive graduate stipends, travel opportunities for research projects and participation in professional meetings worldwide. College faculty conduct cutting-edge research in basic and applied disciplines and are personally committed to the success of their graduate students.

We have rigorous admission standards, emphasize early evaluation of graduate student performance, and provide students with well-designed, flexible programs that allow them to progress rapidly and efficiently towards their degrees. Our graduate programs have been very successful in meeting student objectives. In the past 15 years, almost 70% of the 800 graduate students who enrolled in our college graduated while 20% are currently enrolled and on track to graduate on time. As shown in a 2009 UD graduate student survey, our students feel strongly that their graduate experience is intellectually stimulating, that their faculty advisors are supportive and accessible, and that they have outstanding research and educational resources available to support their graduate programs.

Most recently, three CANR graduate programs received national recognition in the Academic Analytics' Faculty Scholarly Productivity (FSP) Index study, where UD was ranked 9th in animal science, 10th in soil science, and 5th in horticulture, a field in which UD is widely known for its Longwood Graduate Program in public horticulture. Out of over 100 land grant universities and colleges in the U.S., the CANR ranked in the top 15 schools of agricultural sciences.



*UD-CANR's Newark campus consists of 350 acres of fields, forest, teaching facilities, research laboratories, grazing lands, and outbuildings-all within walking distance of the main UD campus.*

## Degrees Offered

### Department of Animal and Food Sciences:

M.S. and Ph.D. degree programs in Animal Science and M.S. degree program in Food Science

### Department of Bioresources Engineering:

M.S. degree program in Bioresources Engineering

### Department of Entomology and Wildlife Ecology:

M.S. degree programs in Entomology and Wildlife Ecology, and a Ph.D. degree program in Entomology and Wildlife Ecology

### Department of Food and Resource Economics:

M.S. in Agricultural and Resource Economics, M.A. in Agricultural and Technology Education, and M.S. and Ph.D. programs in Operations Research

### Department of Plant and Soil Sciences:

M.S. and Ph.D. programs in Plant and Soil Sciences and M.S. in Public Horticulture



*UD's Center for Managed Ecosystems focuses on ecosystem services and the interactions between people and urban and suburban habitats. Current research explores animal ecology in suburban landscapes, biological control of invasive plants and animals, animal/human interactions, and landscaping practices that threaten biodiversity in managed ecosystems.*

## Research & Resources

More than 50 research centers and institutes at the University of Delaware support the research interests and activity of our faculty and students. Of those 50, eight are led by faculty members of the College of Agriculture and Natural Resources. The college's unique setting, offers access to laboratories using cutting edge technologies as well as the college's 350-acre agro-ecosystem.

While the college's graduate degrees are administered by one of the five departments in CANR, graduate programs are multi-disciplinary, utilizing the diversity of expertise among the college's faculty.

The majority of our students are supported by research assistantships, scholarships, and fellowships that provide real world experience with the added benefit of financial aid.

*The Avian Biosciences Center is leading and coordinating a wide range of multi-disciplinary efforts relating to poultry health, avian genomics, environmental compatibility, and food safety and quality. Researchers use world class research laboratories at the Charles C. Allen Laboratory.*

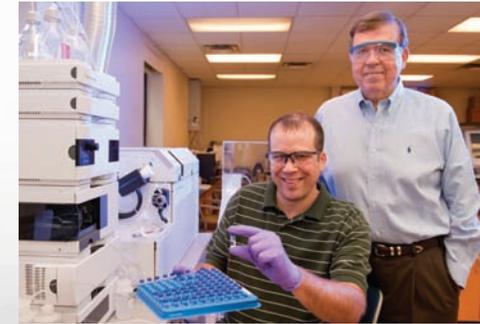


## Areas of research include:

Animal Health and Production Systems  
Soil, Earth and Environmental Sciences  
Ecology and Natural Resources  
Food Science and Safety  
Markets and Trade  
Molecular Biology and Genomics  
Plant Sciences and Horticulture  
Public Horticulture  
Quantitative Analysis  
Resource Economics and Sustainable Development



*Plant molecular biologists at the Delaware Biotechnology Institute (DBI) conduct pioneering work on the genomics of food and alternative energy crops, the mechanisms of plant signaling and defense systems, and the interaction of plants and fungal pathogens.*



*Researchers in the area of soil and environmental quality study the fate and rate of transport of environmental contaminants when they react with soil and water.*

*The food science graduate fellowship program, sponsored by a USDA competitive grant, features experiential learning in the areas of food processing and preservation technologies at industry and governmental laboratories including the USDA Agricultural Research Service Laboratory in Beltsville, Md. and DuPont Chemical Enterprise Solutions in Wilmington, Del.*

