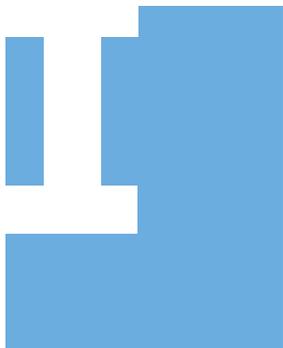


FOR A **SUSTAINABLE** FUTURE



College of
Agriculture and Natural Resources

www.myagnr.uconn.edu

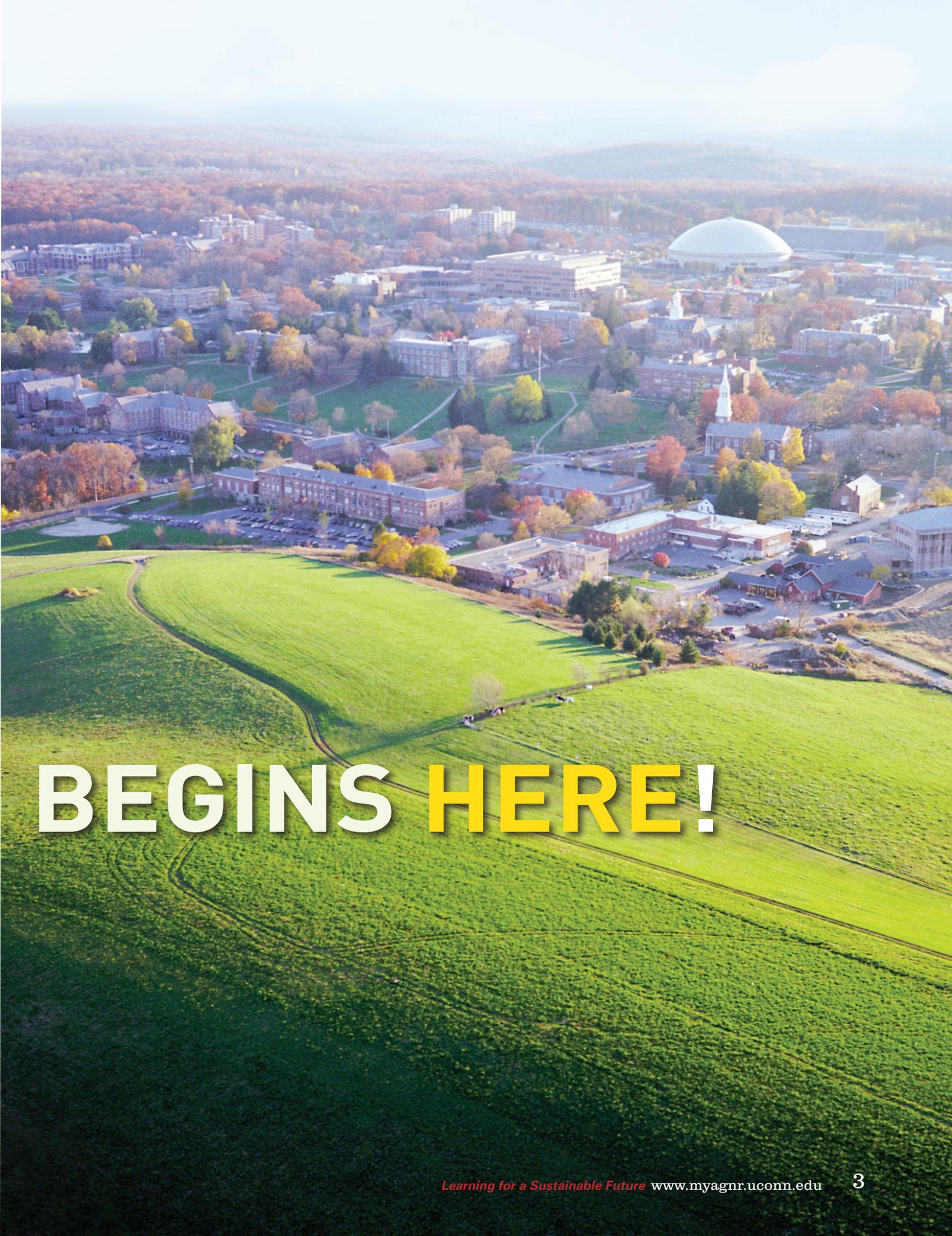




UConn

College of Agriculture and Natural Resources

YOUR FUTURE



BEGINS HERE!

Agriculture, Environment, Health, Science, Food

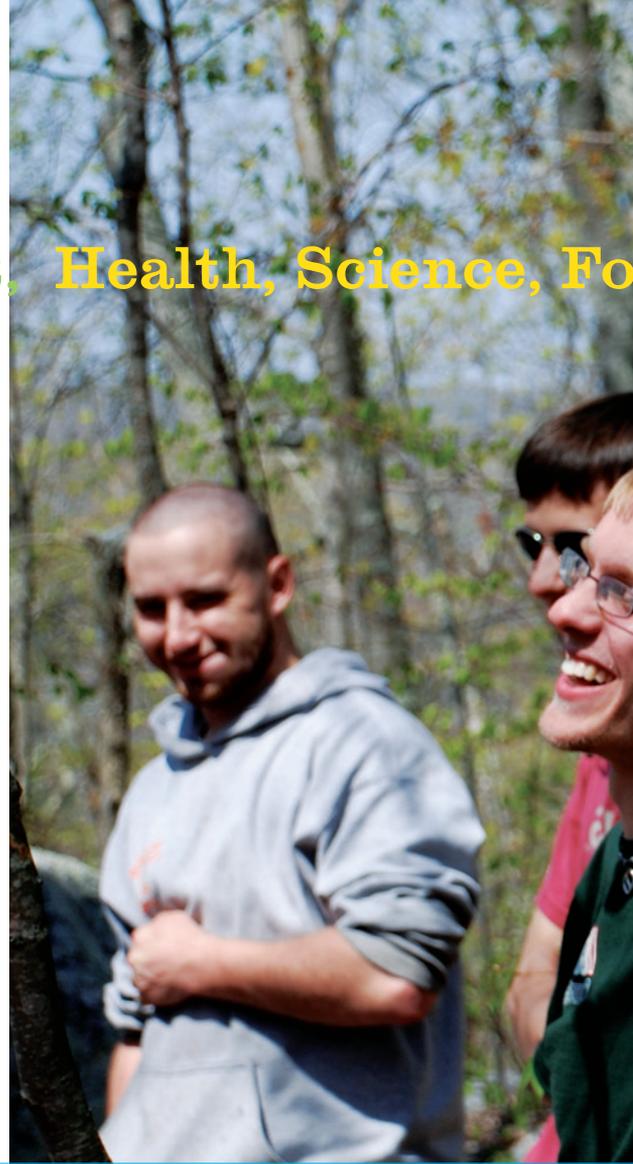
Our students study science-based fields that are both **exciting** and **rewarding**. We clone cows, produce transgenic plants, utilize GPS satellite technology for land-use planning, and apply scientific principles for solving real-world problems.

We are connecting **food, people, and health** in some unique ways that are both **economically** viable and **environmentally** sustainable. Our students engage in rich educational experiences that prepare them for diverse careers.

Today, less than 1% of our students come from farms. They arrive at our College from diverse backgrounds.



It's your future. We can help.



Become a



Food, Natural Resources, Economics

part of the picture





Our College awards \$500,000+ annually in scholarships.

Students

= Our #1 Priority

College Ambassadors (pictured above) are undergraduate students that represent the College to different audiences by serving as tour guides, providing recruitment presentations, assisting with co-curricular activities, and participating in alumni events. Ambassadors are provided with opportunities for networking, professional development, enhancing their resume, public speaking, and building teamwork and leadership skills.

We put students first by caring about the individual. We make it easy for you to know faculty members, participate in your education, prepare for the future, and gain new friends in the process. Plus, our programs are a gateway to UConn's student activities, services, and clubs. You'll feel like you

are in a small school and, yet, the assets of a nationally ranked University are yours to use.





Discover: Extensive Resources

Our College offers:

- Accessible advisors
- Feeling of community
- Choices of classes
- Interactions with faculty
- Hands-on learning
- State-of-the-art facilities
- Student financial aid
- Assistance in finding a career

UConn provides:

- Honors Program
- Study Abroad
- Intramural sports
- 300+ clubs
- Cultural opportunities



Our Study Abroad and Honors Programs offer valuable opportunities to further enhance your educational experience.

To Learn It...



Do It!

Looking for engaging learning experiences, in and out of the classroom? Want a hands-on education that gives you useful career skills? Get it here!



Knowledge gained in our classrooms, labs, and field sites gives you a taste of real-life now and prepares you for the future. Our classes and activities allow you to be active learners in areas like plant and animal disease prevention, sustainability, food policy, environmental protection, and human health.

Our majors, minors, concentrations, and pre-professional programs help increase your abilities, build your resume, and turn your dreams into practice.



Bachelor of Science:

Many Choices for Areas of Study

We offer many different majors, minors, and pre-professional programs leading to a Bachelor of Science degree.

Majors*:

Agriculture and Natural Resources
Allied Health Sciences
Animal Science
Diagnostic Genetic Sciences
Dietetics
Environmental Science
Horticulture
Individualized Major
Landscape Architecture
Medical Laboratory Technology
Natural Resources
Nutritional Sciences
Pathobiology
Resource Economics
Turfgrass and Soil Science

*Within majors, students can prepare for graduate school (M.S., Ph.D.) and post-baccalaureate education in professional programs in science, health, education, business, and law.

Minors:

Agribusiness Management
Agricultural Biotechnology
Animal Science
Dairy Management
Environmental Economics & Policy
Environmental Studies
Equine Business Management
Food Science
Landscape Design
Nutrition for Exercise and Sport
Ornamental Horticulture
Therapeutic Horsemanship Education
Turfgrass Management
Wildlife Conservation

The College offers a wide range of classes making it easy to find your passion.

Pre-professional programs within majors:

Pre-Agriculture Education
Pre-Dental
Pre-Medical
Pre-Physical Therapy
Pre-Physician's Assistant
Pre-Veterinary

Our goal is to provide you with the skills to land your first job and the education necessary for a prosperous and meaningful life.





Agricultural and Resource Economics: Careers for the Future

Majors specialize in:

- Marketing and Business Management
- Environmental Economics and Policy
- International Development



Are you concerned about world hunger or the environment? Are you interested in running your own business? Majoring in Resource Economics gives you strong, well-balanced training in economics, business, and policy and marketing related to food or the environment.

With the USDA forecasting that just under half (46%) of all projected jobs for college graduates in agriculture and natural resources will be in management and business occupations, Resource Economics will prepare you for the future. Graduates hold a variety of positions in the private, public, and nonprofit sectors. Some

graduates choose to operate their own businesses, while others continue on to law or graduate school. Extensive opportunities exist for internships and study abroad.

Faculty and students are involved in diverse international endeavors relating to food, health, environment, and agriculture.

Allied Health Sciences: Human Healthcare with Heart

Enter Allied Health Sciences and emerge with an interdisciplinary approach, fully prepared to be a health care industry leader.

Besides operating the Storrs facilities of Koons Hall and the Hawley Armory Fitness and Wellness Center, the Department collaborates with several medical centers and laboratories in Connecticut and beyond.



Programs integrate theoretical knowledge and hands-on experiences.



When you are admitted as an Allied Health Sciences major, your first three semesters will involve working closely with your advisor to declare a relevant concentration in the Allied Health Sciences major or to prepare for admission to an accredited professional program, such as Dietetics, Diagnostic Genetic Sciences, and Medical Laboratory Sciences. Students who complete the Coordinated Program in Dietetics are eligible to take the American Dietetics Association (ADA) certification exam and become registered dietitians.

Graduates go on to work in health professions, and/or pursue advanced degrees such as physical therapy, physician's assistant, medical/dental school, nursing, occupational therapy, health promotion, or public health.

Our high quality instruction integrates theoretical and hands-on experiences ensuring that all graduates have a broad background in human health science.

Animal Science: Learn from Four-Legged Teachers

Our program prepares you to be a 21st century animal scientist by dealing with biotechnology, food science, animal production, and animal welfare issues. You will be ready for professions that branch out from traditional career paths.

Animal Science is a flexible major. Options include pre-vet, equine science, animal production, business management and marketing, food science, and animal biotechnology. Your education will be a rich experience that combines theory and active participation.

When you major in Animal Science, you need only walk five minutes to apply what you've studied in the classroom to animals at our farm units and research laboratories.

Extensions of our traditional classrooms include:

- Horsebarn Hill indoor riding arena
- Kellogg Dairy Center
- Cattle Resource Unit
- Equine and livestock operations
- Poultry facilities
- Meat and food science laboratories
- UConn Creamery and Dairy Bar teaching and research laboratory



Explore interesting electives with our flexible major.





Natural Resources and the Environment

Affect the Environment in a Positive Way

The Natural Resources major encompasses interdisciplinary sciences that prepare students to manage and conserve the environment. Practical hands-on training, lots of field trips, and exciting outdoor summer employment and internships with natural resource professionals are hallmarks of the program.

Our graduates put their passion for the environment to work in state and federal natural resources agencies like the U.S. Fish and Wildlife Service, the Forest Service, and the Connecticut Department of Environmental Protection; environmental consulting firms nationwide, and non-governmental organizations like The Nature Conservancy with job titles such as:

- Fisheries and wildlife biologist
- Conservation law enforcement officer
- Forester
- Geographic information system specialist
- Air and water environmental quality scientist
- Hydrologist
- Naturalist/park ranger

Students complete a core of courses that integrate the complex set of scientific and social principles required to find strategies and solutions for society to conserve and protect healthy forests, clean air and water, and a sustainable future for fish and wildlife. Beyond the interdisciplinary core, students develop strengths by choosing one or more of the following concentrations:

- Climate and Water Resources
- Environmental Conservation
- Fisheries and Wildlife Conservation
- Forest Resources
- Geomatics (GPS/Surveying and GIS/Remote Sensing)



Nutritional Sciences: Promote Better Nutrition and Health

You can help others improve their nutrition and health when you major in Nutritional Sciences, with an emphasis in either Nutritional Sciences or Dietetics.

Improve
the nutritional well-being and health of individuals, families, and populations.

If you choose to enroll in Nutritional Sciences, you take core subjects and additional courses in laboratory or behavioral sciences. This flexible curriculum helps you meet entrance requirements for medical, dental, and other health-related professions and graduate school programs. Careers in the pharmaceutical or food industries, government, or academia are also possible.

Students who graduate with the American Dietetic Association (ADA) accredited Didactic Program in Dietetics

concentration and complete an independent dietetic internship are eligible to sit for the ADA certification exam. As a registered dietitian, you will work in hospitals, extended care facilities, community agencies, food service, and/or private practice.

Department facilities include a high-tech classroom, professional foods and nutrition research laboratories, and an undergraduate computer laboratory.

Pathobiology and Veterinary Science teaches you about infectious, toxic, metabolic, and neoplastic diseases of farm animals, pets, and wildlife as well as diseases that affect public health and food safety. This major delves into principles of pathobiology, anatomy, physiology, histology, animal diseases, virology, microbiology, genetics, biochemistry, nutrition, and immunology.

Pathobiology & Veterinary Science: Become a Disease Detective

The Pathobiology major prepares its graduates for pre-vet or pre-med programs or careers in diagnostics and the pharmaceutical industry.

Instruction takes place in our well equipped undergraduate classrooms and laboratory facilities. Pathobiology and Veterinary Science houses the well-known Connecticut Veterinary Medical Diagnostic Laboratory, which has fully functioning laboratories concerned with mammalian and avian necropsy, histology, diagnostic microbiology, virology, and serology. It also provides important public service with tests to detect Salmonella, avian influenza, West Nile virus, and Lyme disease, for example. Students gain valuable practical experience working with our expert faculty and staff.





Plant Science and Landscape Architecture: Grow with Your Major

**Find Your
Passion**
with a wide
choice of classes.

Facilities include:
W.B. Young classrooms,
laboratories and studios,
floriculture greenhouses,
the Plant Science
Research Farm, the
Soil Testing Laboratory,
and agriculture
biotechnology
greenhouse and
laboratories.

There are three majors for you to pursue: Turfgrass and Soil Science, Horticulture, or Landscape Architecture.

If you are interested in landscaping, golf courses, athletic fields, or recreational land management, a major in Turfgrass and Soil Science may be for you. This major also explores soil conservation and environmental concerns.

When you major in Horticulture, you learn the science of growing

food crops or ornamental plants. This education prepares you for a wide range of jobs like the production and marketing of plants, research and teaching, and horticultural therapy.

Our nationally accredited Landscape Architecture program equips you with the tools to plan and design communities, roadways, and recreational areas. You will shape the places in which we live, work, and play.

Agriculture Education & Environmental Science

Be Equipped to Teach

You can prepare for a teaching career via two paths through the Agriculture Education program partnership between the College of Agriculture and Natural Resources and the Neag School of Education.

With the Integrated Bachelor's/Master's (IB/M) five-year program, your first two years are in the College and in your third year you enter the AgEd IB/M program. Coursework and school-based experiences meet requirements for bachelor degree(s), masters degree, and teacher certification.

If you complete a bachelor of science degree in agriculture or a related discipline then the Teacher Certification Program for College Graduates (TCPCG) is an option for you. This full-time master's degree program consists of an intense summer followed by two full-time semesters, inclusive of course work, student teaching, and a problem-based inquiry project.

“ I received excellent in-class instruction, as well as hands on experience in classes, with professors who are at the forefront of their fields. This gave me the knowledge and resources to get real field experience with natural resources and wildlife, as well as the ability to work with the public.”

Samantha Robinson
Natural Resources and the Environment

Tackle Environmental Issues

Study the earth and human impacts on it by majoring in Environmental Science. Courses emphasize science and social factors that underlie local, national, and international environmental issues.

This interdisciplinary major is offered by both the College of Agriculture and Natural Resources and the College of Liberal Arts and Sciences. In our College, you choose a concentration in Environmental Health, Natural Resources, Resource Economics, or Soil Science.

You are encouraged to pursue internships, field research, and study abroad opportunities for a real-world experience.





Small college feel...
large, nationally
ranked University

Be Involved, Be Enriched.



Education outside the classroom

With over **300** campus-wide student organizations, **UConn** offers something for **everyone** ranging from the Dance Team to the Ultimate Frisbee Club, intramural sports programs, and the University **cultural** centers.



Health & Nutrition

- Allied Health Sciences Club
- Nutrition Club

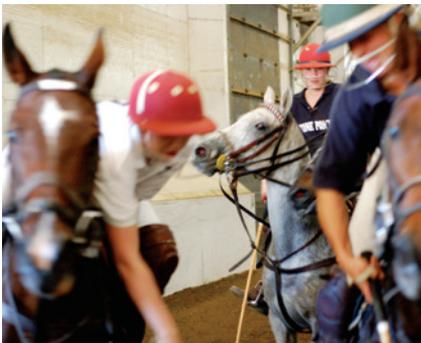
Resource Economics

- Resource Economics Club



Natural Resources & Environment

- American Fisheries Society
- Forestry and Wildlife Club
- Outing Club
- Soil and Water Conservation Society
- The Wildlife Society
- UConn Timber Sports Team



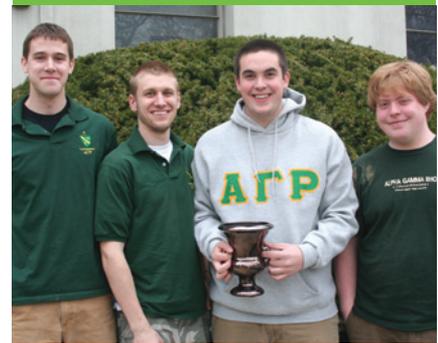
Animals

- Block and Bridle Club
- Dairy Club
- Dressage Team Club
- Drill Team
- Equestrian Team
- Equine Club
- Horse Practicum
- Polo Club and Teams
- Poultry Science Club
- Pre-Vet Club
- Western Club



Plants

- American Society of Landscape Architects
- EcoGarden Club
- Horticulture Club
- Turf Club



Cultural

- Minorities in Agriculture, Natural Resources, and Related Sciences (MANRRS)

Greek Life

- Alpha Gamma Rho Fraternity
- Alpha Zeta Honorary Society
- Sigma Alpha Sorority



Get Connected: Network

The networks that you establish in college are important. Who you know can be as important as what you know. We connect our alumni in the field with our current students to enrich lives and make the job search easier. This is accomplished by internships, field trips, guest speakers, and a College-wide career night event.

To enhance your connections on campus and beyond, we host a number of honor societies (i.e., Alpha Zeta, Gamma Sigma Delta), the Alpha Gamma Rho fraternity, Sigma Alpha sorority, and student chapters of several professional organizations.

Consider participating in Study Abroad and other international experiences, which provide unparalleled opportunities to achieve a more global perspective.



Career Night provides students with an opportunity to learn about career options in the field of study that they are pursuing or considering.

Students talk with UConn alumni and other industry representatives to learn about career options in the fields of food and agriculture, health, and the environment.

“ In the program of Landscape Architecture, I learned from the professionalism of the faculty, visiting other places to see live examples of good design, and interacting with other students who were in the same major. I worked on real projects that benefited the community and my current career, as well.”

Carolina Carvajal
Plant Science and Landscape Architecture



People will always eat, strive to stay healthy, and want to live in a sustainable environment. Preparing yourself academically to meet the challenges of the future is a critical first step to achieving a rewarding career. Our majors lead to plentiful career opportunities in agriculture, health, environment, and food.

Our College offers many employment opportunities that provide practical experiences related to your major.



Take the Next Step: Visit Us

We invite you to visit us because the reality is even more compelling than what you have read here. We will introduce you to our faculty, staff, and students and show you lots more than we put in this viewbook. We answer your parents' questions too!

Storrs is a great place to visit. We are in the rolling hills of Connecticut's "Last Green Valley", which offers indoor and outdoor activities. And yet the bright lights of Broadway are only 130 miles away. Boston and Providence are even closer. Opportunities for adventure outside the classroom are just down the road.



CANR facilities

- ❶ Hawley Armory
- ❷ Koons Hall
- ❸ Atwater Laboratory
- ❹ Floriculture
- ❺ W.B. Young Building
- ❻ George White Building
- ❼ Roy E. Jones Building
- ❽ Ratcliffe Hicks Arena
- ❾ Agricultural Biotechnology
- ❿ Equine Unit
- ⓫ Sheep, Beef Cattle Unit
- ⓬ Swine Unit
- ⓭ Cattle Resource Unit
- ⓮ Kellogg Dairy Center
- ⓯ Poultry Unit

Walk to nearby land laboratories, animal facilities, and greenhouses.





University of
Connecticut

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Christine Acebo
Dean Batteson
Cameron Faustman
Al Ferrara
Peter Morenus Jr.
Leslie Sweetnam
Susan Schadt

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Susan Schadt

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Patsy Evans
Cameron Faustman
Patricia Jepson
Kathryn Upton



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ADD FSC AND ETC. BLURB
HERE. DELETE BOX, PLEASE.



University of
Connecticut
College of Agriculture
and Natural Resources

Learning for a Sustainable Future

Our students are passionate and excited about learning. We thrive on that energy and so will you. Come grow with us and become a leader in the world's future.

Visit us soon at:

College of Agriculture and Natural Resources | Office of Academic Programs
W.B. Young Building, Room 211, 1376 Storrs Road, Unit 4090
Storrs, Connecticut 06269-4090
email: acadprog@uconn.edu
phone: 860-486-2919 fax: 860-486-4643

www.myagnr.uconn.edu

