

University of Connecticut
College of Agriculture and Natural Resources
Facts 2006

Who we are

In 1862, Congress passed the Morrill Land Grant Act providing grants of federal land to each state to establish a college teaching agriculture, mechanical arts, and related subjects. Subsequent federal acts enlarged the responsibilities of these colleges. The University of Connecticut is the land-grant university in Connecticut. The College of Agriculture and Natural Resources serves Connecticut through a wide variety of research, outreach education, and undergraduate and graduate degree programs. Research is administered through the Storrs Agricultural Experiment Station. Cooperative Extension faculty and staff, working with a network of over 40,000 trained volunteers and eight extension councils, conduct outreach education and service programs throughout the state. A key component of extension programs is training volunteers who become trainers themselves, leveraging the financial investment in the Cooperative Extension System.

The College maintains laboratories, livestock, on- and off-campus greenhouses, forested lands, gardens, and other operations for teaching, research, outreach education, and service programs.

The College is supported by federal and state appropriations, extramural and intramural grants and contracts, and contributions from the private sector.

Where we are

Office of the Dean and Director

1376 Storrs Road, Unit 4066
W.B. Young Building, room 218
Phone: (860) 486-2917 Fax (860) 486-5113

Associate Dean for Academic Programs Director, Ratcliffe Hicks School of Agriculture

1376 Storrs Road, Unit 4090
W.B. Young Building, room 211
Email: acadprog@uconn.edu
Phone: (860) 486-2919 Fax: (860) 486-4643
Web site: myagmr.uconn.edu

Associate Dean for Research and Advanced Studies Associate Director, Storrs Agricultural Experiment Station

1392 Storrs Road, Unit 4010
Advanced Technology Laboratory
Phone: (860) 486-3535 Fax: (860) 486-3536

Associate Dean for Outreach and Public Service Associate Director, Cooperative Extension System

1376 Storrs Road, Unit 4134
W.B. Young Building, room 232
Phone: (860) 486-0095 Fax: (860) 486-0264
Web site: www.canr.uconn.edu/ces

Department of Agricultural & Resource Economics

1376 Storrs Road, Unit 4021
Main Office: W.B. Young Building, room 318
Phone: (860) 486-2836 Fax (860) 486-1932
Web site: www.are.uconn.edu
Email: dare@uconn.edu

Department of Allied Health Sciences

358 Mansfield Road, Unit 2102
Main Office: Koons Hall, room 228
Phone: (860) 486-2834 Fax (860) 486-4191
Web site: www.alliedhealth.uconn.edu/

Department of Animal Science

3636 Horsebarn Road Ext., Unit 4040
Main office: George White Building, room 107
Phone (860) 486-2413 Fax (860) 486-4375
Web site: www.canr.uconn.edu/ansci
Email: anscimail@uconn.edu

Department of Extension

1376 Storrs Road, Unit 4036
Main Office: W.B. Young Building, room 221
Phone: (860) 486-3581 Fax (860) 486-4128
Web site: www.canr.uconn.edu/ces

Department of Natural Resources Management & Engineering

1376 Storrs Road, Unit 4087
Main office: W.B. Young Building, room 308
Phone: (860) 486-2840 Fax: (860) 486-5408
Web site: www.canr.uconn.edu/nrme

Department of Nutritional Sciences

3624 Horsebarn Hill Road Ext., Unit 4017
Main office: Roy. E. Jones Building, room 214
Phone: (860) 486-3633 Fax (860) 486-3674
Web site: www.canr.uconn.edu/nusci

Department of Pathobiology & Veterinary Science

61 N. Eagleville Road, Unit 3089
Main office: Atwater Pathology Building, room 103
Phone: (860) 486-3736 Fax: (860) 486-2794
Web site: www.patho.uconn.edu

Department of Plant Science

1376 Storrs Road, Unit 4067
Main office: W.B. Young Building, room 122
Phone: (860) 486-2924 Fax: (860) 486-0682
Web site: www.canr.uconn.edu/plsci

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All Web sites referred to here are linked to the main College Web site, www.canr.uconn.edu.

All street addresses are in **Storrs, Connecticut 06269**, unless otherwise indicated.

Undergraduate education

The College offers Bachelor of Science programs in the following major areas of study:

- Agriculture and Natural Resources
- Allied Health Sciences
- Animal Science (including Pre-Vet)
- Diagnostic Genetic Sciences
- Dietetics
- Environmental Science
- Horticulture
- Individualized Major
- Landscape Architecture ¹
- Medical Technology
- Natural Resources
- Nutritional Sciences (including Dietetics²)
- Pathobiology (including Pre-Vet)
- Resource Economics
- Turfgrass and Soil Science

Minors are offered in the following areas:

- Agribusiness Management
- Aquaculture
- Aquaculture Business Management
- Dairy Management
- Environmental Economics and Policy
- Equine Business Management
- Environmental Studies
- Food Science
- Landscape Design
- Nutrition for Exercise and Sport
- Therapeutic Horsemanship Education
- Wildlife Conservation

The **Ratcliffe Hicks School of Agriculture** offers an Associate of Applied Science degree in Ornamental Horticulture or Turfgrass Science or Animal Science (Dairy and Livestock or Equine Science).

For information on undergraduate degree programs, contact the Office of the Associate Dean for Academic Programs.

¹ Undergraduate major in Landscape Architecture is accredited by the Accreditation Board of the American Society of Landscape Architects.

² Undergraduate Dietetics Option accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association, 216 W. Jackson Blvd., Chicago, IL 60606-6995, (312) 899-4876

Student organizations and activities

- Alpha Gamma Rho
- Alpha Zeta
- UConn Chapter, American Fisheries Society
- UConn Student Chapter, American Society of Landscape Architects
- Block and Bridle Club
- Dairy Club
- Dressage Team
- Drill Teamo
- Drill Team
- Eco-Garden Club
- Equestrian Team
- UConn Collegiate FFA
- Food Science Club

Outreach education

The College's Cooperative Extension System offers outreach education programs in the following areas:

- 4-H Youth Development
- Child care training
- Children, Youth, and Families at Risk Project (CYFAR)
- Consumer education
- Dairy programs
- Estate planning and family lands protection
- Equine programs
- Expanded Food and Nutrition Program (EFNEP)
- Family financial management
- Food safety
- Forest stewardship
- Geographic Information Systems
- Home horticulture
- Integrated Pest Management (IPM)
- Master Gardeners
- Non-point Education for Municipal Officials (NEMO)
- Nutrient management
- People Empowering People (PEP)
- Poultry health
- Residential water quality
- Soil testing
- Urban and community forestry
- Urban gardening.
- UConn Family Nutrition Program (FNP)
- Wildlife management

For information on Cooperative Extension programs, please contact your county's Extension center, the Home and Garden Education Center, or the Office of the Dean for Outreach and Public Service.

For information on Cooperative Extension's 4-H youth development programs, call toll-free in Connecticut (888) FOUR-H-CT ((888) 368-7428). Outside of Connecticut, call (860) 486-4127.

Student organizations and activities, cont'd.

- Forestry and Wildlife Club
- Horse Judging Team
- Horse Show Team
- Horticulture Club
- UConn Chapter, Minorities in Agriculture, Natural Resources, and Related Sciences
- Nutrition Club
- Nutrition Club
- Polo clubs (men's and women's)
- Poultry Science Club
- Pre-Vet Club
- Resource Economics
- Sigma Alpha
- UConn Chapter Soil & Water Conservation Society
- UConn Chapter, Student Education Network for the Appreciation of Animals
- Turf Club
- Vaulting Team
- UConn Chapter, Wildlife Society

Research and graduate education

Department of Agricultural & Resource Economics

Graduate degree programs: M.S. in Agricultural and Resource Economics; Ph.D. in Agricultural and Resource Economics.

Research areas: industrial organization, international trade and finance, natural resource and environmental economics, production economics, international agricultural development, food marketing and public policy, economic development, technology adoption, economics of biotechnology, rural finance, sustainable development, econometrics, math programming, analysis of demand, supply, and trade.

Department of Animal Science

Graduate degree programs: M.S. or Ph.D. in Animal Science emphasizing animal behavior, animal food products, nutrition, growth, physiology of lactation, physiology of reproduction, animal biotechnology, environmental health, or production management; Ph.D. in Animal Science is available with a concentration in Physiology of Reproduction.

Research areas: control of lactation and growth, food microbiology and safety, meat pigment and lipid chemistry, food science, meat microbiology, environmental toxicology, embryology, cloning and transgenesis, animal nutrition, molecular growth physiology.

Department of Natural Resources Management & Engineering

Graduate degree programs: M.S. and Ph.D. in Natural Resources with areas of concentration in atmospheric resources, earth resource information systems, fisheries management, forest resources, water resources, and wildlife management.

Research areas: forest and wild land meteorology, biometeorology, air pollution meteorology, hydrological modeling, rainfall-runoff relationships, pollutant transport, evaporation-infiltration processes, accuracy of measurement methods, development of artificial wetlands, predator-prey relationships, urban and suburban wildlife, migratory wildlife species, wildlife-human interaction, international wildlife, contaminants in wildlife, habitat restoration, forest and wildlife stewardship, municipal and watershed natural resources inventories and planning, fish habitat use and quality, fish species of conservation concern, aquatic biomonitoring, remote sensing, wildlife conservation, cartography, geodesy, photogrammetry, global positioning systems, geographic information systems, forest ecology, tree biomechanics, silviculture

Department of Nutritional Sciences

Graduate degree programs: M.S., Ph.D. in Nutritional Sciences, emphasizing Biochemical and Molecular Nutrition, Human Nutrition and Metabolism, and Community Nutrition.
Research areas: human nutrition, human metabolism, nutrition and gender, nutritional assessment, family nutrition,

nutrition during pregnancy and lactation, diabetes, nutrition and gene expression, impact of food assistance on nutrition, sports nutrition, infants' and children's nutrition, nutritional risk in the elderly, food safety, vitamin A, thyroid, obesity, cholesterol and lipoprotein metabolism.

Department of Pathobiology & Veterinary Science

Graduate degree programs: M.S. in Pathobiology; Ph.D. in Pathobiology with areas of concentration in bacteriology, pathology and virology; residency training in morphologic pathology for veterinarians.

Research areas: animal health, infectious disease and animal vaccine development, West Nile encephalitis, aquatic animal health, Crohn's disease, toxicology, pseudorabies, mycoplasma, marine mammal pathology, Lyme disease in agricultural animals, poultry health, wildlife pathology.

Department of Plant Science

Graduate degree programs: M.S. in landscape architecture; M.S., Ph.D. in agronomy, horticulture, plant breeding, and soil science.

Research areas: controlled environment agriculture, floriculture, improving ornamental crops, integrated pest management (IPM), landscape architecture, plant biotechnology, plant mineral nutrition and container media, plant physiology and plant growth regulation, plant propagation, soil chemistry, soil environment and land use, sustainable agriculture, turf, vegetable crops, water resources, weed biology and control.

Research centers and institutes

- Center for Eliminating Health Disparities in Latinos
- Center for Environmental Health (Department of Animal Science)
- Center for Food Marketing Policy (Department of Agricultural & Resource Economics)
- Center for Land use Education and Research (CLEAR)
- Institute for Water Resources (Department of Natural Resources Management & Engineering)
- New England Invasive Plant Center
- Northeastern Research Center for Wildlife Diseases (Department of Pathobiology & Veterinary Science)
- Wildlife Conservation Research Center (Department of Natural Resources & Management Engineering)

For information about graduate degree programs, please contact the appropriate department.

For information about research in the College, please contact the appropriate department or the Office of the Associate Dean for Research and Advanced Studies.

Cooperative Extension centers

Fairfield County Extension Center
67 Stony Hill Road
Bethel, CT 06801-3056
Phone: (203) 207-8440
Fax: (203) 207-3273

Hartford County Extension Center
1800 Asylum Avenue
West Hartford, CT 06117-2600
Phone: (860) 570-9010
Fax: (860) 570-9008

Litchfield County Extension Center
843 University Drive
Torrington, CT 06790
Phone: (860) 626-6240
Fax: (860) 626-6897

Middlesex County Extension Center
1066 Saybrook Road
Haddam, CT 06438-0070
Phone (860) 345-4511
Fax: (860) 345-3357

New Haven County Extension
Center
305 Skiff Street
North Haven, CT 06473-4451
Phone (203) 407-3161
Fax: (203) 407-3176

New London County Extension
Center
562 New London Turnpike
Norwich, CT 06360-6599
Phone: (860) 887-1608
Fax: (860) 886-1164

Tolland County Extension Center
24 Hyde Avenue
Vernon, CT 06066-4599
Phone: (860) 875-3331
Fax: (860) 875-0220

Windham County Extension Center
139 Wolf Den Road
Brooklyn, CT 06234-1729
Phone: (860) 774-9600
Fax: (860) 774-9480

4-H Farm Resource Center
158 Auer Farm Road
Bloomfield, CT 06002
Phone: (860) 242-7144
Fax: (860) 243-0005

Provides educational programs for school children and sells apples, blueberries, raspberries, Christmas trees, hay, and pumpkins.

Service centers

Connecticut Veterinary Diagnostic Laboratory
Department of Pathobiology & Veterinary Science
61 N. Eagleville Road
For admissions, call (860) 486-3738

Home and Garden Education Center
Department of Plant Science
Ratcliffe Hicks Building room 4
1380 Storrs Road
Phone: (877) 486-6271
Fax: (860) 486-6338
Email: ladybug@uconn.edu

Soil Testing Laboratory
Department of Plant Science
6 Sherman Place
Depot Campus
Phone: (860) 486-4724
Fax: (860) 486-4562

Retail outlets

Dairy Bar (ice cream, ice cream cakes, and other dairy products)
Department of Animal Science
George White Building
3636 Horsebarn Rd. Extension
Phone: (860) 486-2634
Web site: www.canr.uconn.edu/ansci/dairybar/dbar.htm
Email: anscimail@uconn.edu

Floriculture Greenhouse (plants and cut flowers)
Department of Plant Science
1395 Storrs Road
Phone: (860) 486-8518

CIT Resource Center (hundred of educational publications for gardeners, agricultural professionals, homeowners and landowners, commercial growers, families, students and 4-H'ers plus College of Agriculture and Natural Resources-related gifts.
W.B. Young Building, room 2
1376 Storrs Road
Phone: (860) 486-3336
www.store.uconn.edu
Email: store@uconn.edu

Farms and forest

Storrs farms: 530 acres in corn, hay/pasture, experimental crops, fruit, turf, and nursery crops.

Animal facilities: horses, cattle, pigs, sheep, poultry. All except poultry and swine barns welcome visitors daily from 10:00 a.m. to 4:30 p.m. For information about self-guided tours please call (860) 486-2413 or visit www.canr.uconn.edu/ansci/barntours.htm

UConn Forest: 2000+ acres

Events and programs

Comucopia, Alumni Auction, Horticulture Show, fall & spring open houses for prospective students, environmental health conferences, Graduate Research Day, Institute of Water Resources seminars, scholarship & awards banquet, fall & spring career development events, income tax school for accountants, Little International Livestock Show, spring horse auction; calf & swine sales, intercollegiate horse shows, poultry, dairy & rabbit shows, perennial plant conference, 4-H fairs, 4-H shows, 4-H livestock sales, 4-H camps, polo matches, summer horse riding program, Horse Symposium, Invasive Plant Conference, fall & spring agricultural science campus visits

Some numbers

Enrollments fall semester 2006

•A.A.S.: 81

•B.S.: 1,288

•M.S. & Ph.D.: 218

•Faculty FTE: 29 (teaching); 32 (research); 40 (outreach education and extension)

•Professional staff: 73

•Classified staff: 64

•Alumni: 8,791 living alumni (includes two-year, four-year, and graduate programs)

Budget FY05-06

•State-appropriated funds:
\$19,720,665

•Federal land-grant formula funds:
\$3,545,185

•Endowment: \$24,972,282

•Extramural grants for research, extension, and teaching:
\$12,855,673

•Research expenditures (FY05-06):
\$8,289,746

•Scholarship funds awarded by the College for 2005-2006: >\$375,000