



University of
Connecticut

College of Agriculture and Natural Resources
Ratcliffe Hicks School of Agriculture

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. The Storrs Agricultural Experiment Station administers the research. 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, a fitness center, a dairy foods manufacturing facility, 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
Email: canrdean@uconn.edu

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
Website: www.myag@uconn.edu

Associate Dean for Research and Associate Director Storrs Agricultural Experiment Station

1376 Storrs Road, Unit 4090
W.B. Young Building, room 211
Phone (860) 486-2919 Fax (860) 486-4643

Associate Dean for Extension and Outreach

Associate Director, Cooperative Extension
System
1376 Storrs Road, Unit 4134
W.B. Young Building, room 221
Phone (860) 486-9228 Fax (860) 486-0264
Website: www.extension.uconn.edu

Department of Agricultural and Resource Economics

1376 Storrs Road, Unit 4021
Main Office: W.B. Young Building, room 319
Phone (860) 486-2836 Fax (860) 486-1932
Email: dare@uconn.edu
Website: www.are.uconn.edu

Department of Allied Health Sciences

358 Mansfield Road, Unit 2101
Main Office: Koons Hall, room 228
Phone: (860) 486-2834 Fax (860) 486-5375
Website: 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
Email: anscimail@uconn.edu
Website: www.animalscience.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
Website: www.extension.uconn.edu

Department of Natural Resources and the Environment

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

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
Website: www.cag.uconn.edu/nutsci/nutsci/

Department of Pathobiology and Veterinary Science

61 N. Eagleville Road, Unit 3089
Main office: Atwater Pathology Building,
room 103
Phone (860) 486-4000 Fax (860) 486-2794
Website: www.patho.uconn.edu

Department of Plant Science and Landscape Architecture

1376 Storrs Road, Unit 4067
Main office: W.B. Young Building, room 119
Phone (860) 486-2924 Fax (860) 486-0682
Website: www.psla.uconn.edu

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

(Where we are continued on back page)

Undergraduate education

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

- Agriculture and Natural Resources
- Allied Health Sciences (Standard Plan, Health Sciences, Health Promotion)
- Animal Science (including Pre-Vet)
- Diagnostic Genetic Sciences
- Dietetics² (Dept. of Allied Health Sciences)
- Environmental Science
- Horticulture
- Individualized Major
- Landscape Architecture¹
- Medical Laboratory Sciences
- Natural Resources
- Nutritional Sciences (including Dietetics²)

- Pathobiology (including Pre-Vet)
- Resource Economics
- Turfgrass and Soil Science

Minors are offered in :

- Agribusiness Management
- Agricultural Biotechnology
- Animal Science
- Dairy Management
- Environmental Economics and 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 Ratcliffe Hicks School of Agriculture offers an Associate of Applied Science degree in Ornamental Horticulture and Turfgrass Management 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

- Allied Health Sciences Club
- Alpha Gamma Rho
- Alpha Zeta
- UConn Student sub-unit, American Fisheries Society, Southern NE Chapter
- UConn Student Chapter, American Society of Landscape Architects
- Block and Bridle Club
- Dairy Club
- Dairy Judging
- Dressage Team
- Drill Team
- Eco-Garden Club
- Equestrian Team
- Equine Club
- UConn Collegiate Chapter, National FFA
- Food Science Club
- Forestry and Wildlife Club
- Horse Practicum
- Horticulture Club
- UConn Chapter, Minorities in Agriculture, Natural Resources, and Related Sciences
- Nutrition Club
- Outing Club
- Polo Club
- Polo (men's and women's)
- Poultry Science Club
- Pre-Vet Club
- Resource Economics Club
- Sigma Alpha
- UConn Chapter, Soil and Water Conservation Society
- Timber Sports Club
- Turf Club
- Western Club
- UConn Chapter, Wildlife Society

Outreach education

The College's Cooperative Extension System offers outreach education programs including, but not limited to:

- 4-H Youth Development
- Aquaculture
- Child care training
- Children, Youth, and Families at Risk Project (CYFAR)
- Coastal ecology
- Community development
- Consumer education
- Dairy and livestock
- Estate planning and family lands protection
- Equine programs
- Expanded Food and Nutrition Program (EFNEP)
- Family and consumer services
- Family financial management
- Family living
- Fisheries
- Food safety
- Food systems
- Forest stewardship
- Geographic Information Systems (GIS)
- Home horticulture
- Integrated Pest Management (IPM)
- Land use planning and management
- Lead poisoning prevention
- Master Gardeners
- Non-point Education for Municipal Officials (NEMO)
- Nutrient management
- People Empowering People (PEP)
- Poultry health
- Residential water quality
- Risk management
- Soil testing
- Supplemental Nutrition Assistance (SNAP-Ed)
- Sustainable agriculture
- Sustainable landscapes
- Urban and community forestry
- Water quality
- Wildlife management

For information on Cooperative Extension programs, please contact your county Extension Center, the Home and Garden Education Center, or the Office of the Associate Dean for Extension. For information on Cooperative Extension's 4-H youth development programs, call toll-free in Connecticut (888) FOUR-H-CT ((888) 368-7428). Outside Connecticut, call (860) 486-4127. Or visit www.extension.uconn.edu

Research and graduate education

Department of Agricultural and Resource Economics

Graduate degree programs: M.S. and Ph.D. in Agricultural and Resource Economics, emphasizing three broad areas: food marketing and industrial organization, environmental and resource economics, and international economic development.

Research areas: food marketing and demand analysis, empirical industrial organization, agribusiness management, applied econometrics, environmental economics, resource economics, economics of agricultural and resource policies, fisheries and aquaculture, international agricultural and natural resource development, cost-benefit analysis, international trade, and production agriculture.

Department of Allied Health Sciences

Graduate degree program: M.S. in Allied Health Sciences with coursework in health promotion, research methods, aging, behavioral interventions, environmental health.

Research areas: dietary calcium homeostasis and osteoporosis; taste genetics; workplace wellness; high-risk behavioral interventions; vaccine research; genetic models for chronic human illness; and cancer screening and risk reduction programs are among the ongoing research activities within the department.

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, 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, embryology, cloning and transgenesis, animal nutrition, molecular growth physiology.

Department of Natural Resources and the Environment

Graduate degree programs: M.S. and Ph.D. in Natural Resources with areas of concentration in climate and water resources, environmental conservation, fisheries and wildlife conservation, forest resources and geomatics.

Research areas: forest and wild land meteorology, biometeorology, air pollution meteorology, climate modeling, hydrological modeling, rainfall-runoff relationships, pollutant transport, evaporation-infiltration processes, accuracy of measurement methods, development of artificial wetlands, invasive species ecology, restoration ecology, predator-prey relationships, urban and suburban wildlife, migratory wildlife species, wildlife-human interactions, 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 and metabolism, bioactive food components and functional foods; nutritional assessment, obesity, cholesterol and lipoprotein metabolism, diabetes, nutrition and gene expression, impact of food assistance on nutrition, sports nutrition, infants' and children's nutrition, nutritional risk in the elderly, and food safety.

Department of Pathobiology and Veterinary Science

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

Research areas: The Department consists of several units, including pathology, microbiology, virology, immunology, bacteriology, wildlife diseases, and microchemistry. The general research mission of the Department involves the study of disease processes that affect animals and man. This includes infectious, toxic, metabolic, and neoplastic diseases of farm animals, pets, poultry, and wildlife; and diseases that affect public health and food safety.

Department of Plant Science and Landscape Architecture

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 Environmental Health (Department of Allied Health Sciences)
- Center of Excellence for Vaccine Research (CEVR) (Department of Pathobiology and Veterinary Science)
- Center for Land use Education and Research (CLEAR)
- Center for Regenerative Biology
- The Charles J. Zwick Center for Food and Resource Policy, formerly Food Marketing Policy Center (Department of Agricultural and Resource Economics)
- Connecticut Center for Eliminating Health Disparities among Latinos
- Connecticut State Climate Center
- Institute for Water Resources (Department of Natural Resources and the Environment)
- Laboratory for Earth Resources Information Systems (LERIS)
- New England Invasive Plant Center
- Wildlife Conservation Research Center (Department of Natural Resources and the Environment)

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.

Cooperative Extension Centers

Fairfield County Extension Center

67 Stony Hill Road
Bethel, CT 06801-3056
Phone: (203) 207-8440
Fax: (203) 207-3273
www.extension.uconn.edu/pages/department/fairfield/locations_fairfield.html

Hartford County Extension Center

1800 Asylum Avenue
West Hartford, CT 06117-2600
Phone: (860) 570-9010
Fax: (860) 570-9008
www.extension.uconn.edu/pages/department/hartford/locations_hartford.html

Litchfield County Extension Center

843 University Drive
Torrington, CT 06790-2635

Phone: (860) 626-6240
Fax: (860) 626-6897
www.extension.uconn.edu/pages/department/litchfield/locations_litchfield.html

Middlesex County Extension Center

1066 Saybrook Road
Haddam, CT 06438-0070
Phone: (860) 345-4511
Fax: (860) 345-3357
www.extension.uconn.edu/pages/department/middlesex/locations_middlesex.html

New Haven County Extension Center

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

www.extension.uconn.edu/pages/department/newhaven/locations_newhaven.html

New London County Extension Center

562 New London Turnpike
Norwich, CT 06360-6599
Phone: (860) 887-1608
Fax: (860) 886-1164
www.extension.uconn.edu/pages/department/newlondon/locations_newlondon.html

Tolland County Extension Center

24 Hyde Avenue
Vernon, CT 06066-4599
Phone: (860) 875-3331
Fax: (860) 875-0220
www.extension.uconn.edu/pages/department/tolland/locations_tolland.html

Windham County Extension Center

139 Wolf Den Road
Brooklyn, CT 06234-1729
Phone: (860) 774-9600
Fax: (860) 774-9480
www.extension.uconn.edu/pages/department/windham/locations_windham.html

4-H Education Center at Auer Farm

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 Medical Diagnostic Laboratory

Department of Pathobiology and 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, Unit 4115
Phone: (877) 486-6271
Fax: (860) 486-6338
Email: ladybug@uconn.edu

Soil Testing Laboratory

Department of Plant Science
Union Cottage
Depot Campus, Unit 5102
Phone: (860) 486-4724
Fax: (860) 486-4562

Farms and forest

Storrs farms: 658 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.animalscience.uconn.edu/visitors.php

UConn Forest: 2000+ acres

Retail outlets

Dairy Bar (ice cream, ice cream cakes, cheese, and UConn Poultry Farm eggs)
Department of Animal Science
George White Building
3636 Horsebarn Rd. Extension
Phone: (860) 486-2634
Website:
www.dairybar.uconn.edu
Email: anscimail@uconn.edu

Floriculture Greenhouse

(plants and cut flowers)
Department of Plant Science
1395 Storrs Road, Unit 4067
Phone: (860) 486-8518

Communications Resource Center Store

(hundreds 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, Unit 4035
Phone: (860) 486-3336
Website: www.store.uconn.edu
Email: store@uconn.edu

Some events and programs

Cornucopia; Alumni Auction; Horticulture Show; environmental health, perennial plant, garden and invasive plant conferences; CT Vegetable and Small Fruit Growers' Conference, Institute of Water Resources seminars; Income Tax School for accountants; Graduate Research Forum; Learning for International Development; Connecticut Conference on Natural Resources; Connecticut Forest Forum; fall and spring open houses for prospective students; scholarship and awards banquet; fall and spring career development events; Career Night; Commencement; fall and spring agricultural science campus visits; Little International Livestock Show; Horse Auction; Beef Auction; Sheep Symposium; Horse Symposium; intercollegiate horse shows; poultry, dairy and rabbit shows; and 4-H fairs, shows, livestock sales, and camps; polo matches; summer horse riding program.

Some numbers

Enrollments fall semester 2010

- AAS: 76
- BS: 1,505
- MS and PhD: 190
- Faculty FTE: 27 (teaching); 30 (research); 30 (outreach education and extension)
- Professional staff: 61
- Classified staff: 60
- Alumni: 11,114 living alumni (includes two-year, four-year and graduate programs)

Budget FY09-10

- State-appropriated funds: \$24,600,207
- Federal land-grant formula funds: \$3,622,439
- Endowment: \$23,895,425
- Extramural grants for research, extension, and teaching: \$11,159,686
- Research expenditures: \$8,541,660
- Scholarship funds awarded by the College >\$580,000