The Thompson School of Applied Science, established in 1895, is a division of the College of Life Sciences and Agriculture within the University offering the associate in applied science degree. The Thompson School of Applied Science offers 13 program specializations. They comprise a balance of professional, science-related, and general education courses in applied curriculums that prepare students to meet the specific demands of a technical or applied profession, continuing education, and the general demands of life.

The faculty at the Thompson School of Applied Science have significant work experience in industry and business; extensive and up-to-date knowledge of their specialties; ongoing contacts with practicing professionals; dedication to students and to excellence in education; and a commitment to practical, science-based education. They work closely with students, providing academic advising, career counseling, and special assistance when needed.

Located at the western edge of campus, the Thompson School’s classrooms, laboratories, and working enterprises are designed for career-related experience under realistic conditions.

Barton Hall contains an animal science lab, a food preparation lab, a state-of-the-art grooming facility, several classrooms, and faculty offices.

Cole Hall includes a 150-seat lecture auditorium, a restaurant-style kitchen and dining area, a student study and lounge area, a computer laboratory, a computer-aided design (CAD) laboratory, a small classroom, and administrative offices.

Putnam Hall houses an architecture lab, a surveying and mapping lab, a Geographic Information System (GIS) lab, an agricultural mechanization shop, classrooms, and faculty offices.

- Students enrolled in Restaurant Management gain practical experience in three campus restaurants: the Dairy Bar; and Stacey’s and the Balcony Bistro, both located in Cole Hall.
- Forest Technology students use a sawmill facility near campus to integrate the process of harvesting trees from a managed forest with the production of quality forest products. Students assist in the management of the UNH woodlands (a Certified Tree Farm) by participating in mapping and inventory, and in reforestation and forest protection projects.
- Horticulture Technology students have the use of the Thompson School horticultural facility, with glass and poly covered greenhouses, propagating facilities, refrigerated compartments, display gardens, and the campus aboretum.
- Business students focus on small-to-medium size enterprises and gain real world experience through internships and course experience such as Applied Sales. The capstone course, Business Policy, is designed so students can create their own business to market a product and generate revenues used to support scholarships and special projects.
- Whether the specialty is dairy, equine or small animals, students in Applied Animal Science utilize state-of-the-art facilities on campus, such as the Dairy Center or new Grooming Lab. The University’s herd of Morgans, Thoroughbreds, and Warmbloods are ridden on nearby trails, and in the outside or indoor arenas during class sessions.
- Civil Technology students access the state-of-the-art CAD (computer aided design) lab 24 hours per day, seven days per week. Along with the laboratory, they may also access a National AUTO DESK training facility in Cole Hall. These facilities are complemented by the use of GPS (global positioning system) surveying equipment used in the field.
- Dietetic Technician students learn to assess dietary intakes and make nutrition recommendations using the most up-to-date nutrient analysis software. Outside the classroom, students make a positive impact on the lives of others through 450 hours of supervised practice that may include such activities as teaching nutrition to preschool children, providing nutrition education in a clinic for pregnant women, and promoting healthy eating to clients in a weight management program.
- Students majoring in Community Service and Leadership gain enriching experiences working with organizations such as Families First, NH Housing Partnership, Red...
Cross, New Hampshire Public Television’s station and on-campus groups. Students are involved with creating, operating and evaluating these service-learning activities.

Associate in Applied Science Degree
To graduate with an associate in applied science degree, a student must complete specified coursework in general education, technical specialization, and general electives (defined below), with an overall grade-point average of no less than 2.00 (out of 4.00). In addition, students must earn the minimum number of total credits required for each specialization.

General Education
These are courses designed for personal and professional development with special emphasis on the ability to think critically, to communicate effectively, to understand computer technology, and to process quantitative data. In addition, they serve to acquaint the student with some of the major modes of thought necessary to understand oneself, others, society, and the environment. In this area a student must complete:
- one course in computer literacy;
- one course (3–4 credits) in mathematics;
- two courses (6 credits) in communications, to include COM 209, Expository Writing and Reading, plus an elective;
- two courses (6 credits) in social sciences, the arts, or the humanities, to include either SSCI 201 Human Relations, or SSCI 202 Social Issues, plus an elective.

(For course descriptions, go to www.undergradcat.unh.edu.)

COURSES

T5AS Communication
COM 209 Expository Writing and Reading 4 cr.
COM 210 Public Speaking 2 cr.
COM 211 Critical Reading 2 cr.
COM 212 Technical Writing 2 cr.
COM 291 Studies in Communications 1 to 3 cr.
COM 292 Studies in Communications 1 to 3 cr.

T5AS Mathematics
MTH 201 Math I 3 cr.
MTH 202 Math II 3 cr.
MTH 203 Algebra and Trigonometry 3 cr.
MTH 206 Basic Calculus 4 cr.

T5AS Social Science
SSCI 202 Social Issues 4 cr.
SSCI 203 Environmental Issues and Society 2 cr.
SSCI 204 Leadership Effectiveness and Group Performance 2 cr.
SSCI 291 Studies 1 to 4 cr.
SSCI 292 Studies 1 to 4 cr.

Agricultural Mechanization
AM 251 Welding and Fabrication Technology 4 cr.
AM 261 Internal Combustion Engines I 4 cr.
AM 262 Internal Combustion Engines II 4 cr.
AM 270 Residential Electricity 2 cr.
AM 275 Building Science/Residential Construction 4 cr.
AM 280 Technical Computer Literacy/Internet Applications 4 cr.
AM 291 Studies in Agricultural Mechanization 1 to 3 cr.
AM 292 Studies in Agricultural Mechanization 1 to 3 cr.

Work Experience
297 Work Experience Cr/F

Technical Specialization
These are courses designed to develop the necessary scientific knowledge, technical skills, and practical experience required for employment in a professional discipline. Each student must complete all technical courses specified in the selected program of study.

See the Program of Study sections for course requirements and descriptions.

General Electives
These may be chosen from any courses specified in the selected program of study.

Full-Time and Part-Time Programs
The associate in applied science degree at the Thompson School can be completed by pursuing either a full-time or part-time program. Most students enroll in the full-time program. This allows completion of a program of study in four semesters (the traditional two-year period). The sequence of required courses and semester schedules for each program is defined throughout this catalog.

Some students who cannot attend on a full-time, two-year schedule or who wish to spread the financial investment of a college education over a broader period, elect the option of part-time study. This allows students to work toward completion of the degree over an extended period, typically two to five years. The schedule can be shortened or lengthened to meet the needs of the individual student. Part-time degree students register for courses through the UNH Office of Outreach Education and are treated in most respects as full-time students. For further information and a brochure on the part-time program, please contact the Thompson School at (603) 862-1025 or (603) 862-3115.

Admissions
The Thompson School welcomes applications from both high school and adult students.

High school students who plan to enter the Thompson School after graduation will be considered on the basis of high school course selection, academic achievement, class rank, and high school recommendations. Emphasis is placed on the applicant’s personal motivation, demonstrated interest in a career field, and preparation for Thompson School programs.

All traditional-age students must submit the results of the Scholastic Assessment Test (SAT-I). Adult students who have been out of high school for a number of years may request that the Office of Admissions waive the SAT-I requirement.

For an adult student who graduated from high school several years ago, the Office of Admissions will consider not only his or her academic record but also accomplishments since high school. Important factors will include professional work and advancement and motivation to succeed in Thompson School courses. In addition, applicants will be considered on the basis of any available test scores such as General Education Development (GED), Scholastic Assessment Test (SAT-I), and College Level Examination Program (CLEP); letters of reference; previous college study; and military record (if applicable).

A number of Thompson School specializations require satisfactory work in specific high school preparatory courses. These admission requirements are listed under each career specialization in this catalog.

How to Apply
You may request an application for admission and additional information from either of the following offices: UNH Office of Admissions, Grant House, 4 Garrison Avenue, Durham, NH 03824-3510, (603) 862-1360; or Thompson School of Applied Science,
Applications may be submitted at any time during the calendar year. Notice of admission to the Thompson School will normally be sent within 30 days following receipt of all required information.

Please note: Priority deadlines for those students requesting UNH residential housing is February 1 for the fall semester and November 1 for spring semester. Housing assignments will be handled on a space-available basis after February 1. The UNH financial aid deadline is March 1 for the fall semester.

Campus Visits

Prospective students are encouraged to participate in an interview at the Thompson School, attend an open house, and/or take a tour of the Thompson School and the rest of the UNH campus. Interviews are recommended but not required. On-campus visits are conducted in the fall and spring. To attend an open house or to arrange your visit, please contact the Thompson School at (603) 862-1025 or visit our Web site at www.unh.edu/thompson-school.

Expenses, Financial Aid, and Scholarships

Costs for students include tuition and fees, books and supplies, and personal and travel expenses. These costs are the same for any student enrolled at the University of New Hampshire (see Fees and Expenses, page 18) and students majoring at the Thompson School have access to the same student services. (See also Campus Life, page 6; Programs and Services for Students, page 18; Health Services, page 13.) Required curriculum and lab fees for Thompson School programs are listed with each specialization.

For information about scholarships, loans, and work-study, write the Financial Aid Office, Stoke Hall, 11 Garrison Avenue, Durham, NH 03824-3511; or call (603) 862-3600. A financial aid form must be on file to be considered for many scholarships. (See also Financial Aid, page 6.)

Thompson School and the College of Life Sciences and Agriculture (of which the Thompson School is a division) also provide scholarship opportunities for Thompson School students. Call (603) 862-1025 for a list of these possibilities or visit our Web site at www.unh.edu/tsas/scholarships.

New England Regional Student Program

The Thompson School of UNH participates in the New England Regional Student Program of the New England Board of Higher Education, in which each state university system in New England offers a number of regional curricula to students from other New England states. Under this program, students pay in-state tuition plus 50 percent. See the table below for Thompson School programs that are eligible in 2005–2006. Eligibility under this program may vary from year to year, so it is suggested that you obtain further information by contacting the New England Board of Higher Education, 45 Temple Place, Boston, MA 02111; (617) 357-9620. You may also contact the UNH Office of Admissions or the Thompson School for more information.

Program Abbreviations

The following abbreviations are used to identify courses which are part of Thompson School of Applied Science programs.

AM Agricultural Mechanization
AAS Applied Animal Science
ABM Applied Business Management
ANSC Animal and Nutritional Science
CT Civil Technology
COM Communications
CSL Community Service and Leadership
CD Community Development
FSM Food Services Management
FORT Forest Technology
HT Horticultural Technology
MTH Mathematics
NUTR Nutrition
PBIO Plant Biology
SSCI Social Science
ZOOI Zoology

Transfer Opportunities

UNH invites Thompson School graduates to continue their education at the University. Many of the technical associate degree programs offered by the School have baccalaureate degree counterparts. Specifically, these counterparts include civil engineering, forestry, environmental horticulture, animal sciences, dairy management, nutritional sciences, business administration, and hospitality management. Many other baccalaureate majors are also available. A final cumulative grade-point average of at least 2.50 is required for transfer to most programs; some UNH baccalaureate programs require a higher cumulative grade-point average. Successful completion of a baccalaureate degree usually requires a minimum of two years of additional study at the University. Other colleges and universities also welcome graduates from the Thompson School, especially those within the University System of New Hampshire.

Programs of Study

Thompson School Associate Professors: Dwight E. Barney, Timothy E. Barretto, Charles A. Caramihalis, Matthew C. Chagnon, Kenneth L. Flesher, Benjamin P. Fowler, Rene J. Gingras, M. Katharine Hanson, John L. Hart, Nancy M. Johnson, Dana M. Sansom, David E. Toooh, Steven D. Tuttle, Jerilee A. Zezula
Thompson School Assistant Professor: Eugene P. Alibrio
Applied Animal Science

www.unh.edu/tsas/academics/animalscience/

(For course descriptions, go to www.undergradat.unh.edu.)

Applied Animal Science provides students with hands-on practical skills combined with knowledge and understanding of the latest technology. The core program provides a solid background in anatomy, physiology, nutrition, health, and animal breeding. In addition, students choose a specialization in either equine management, dairy management, or small animal care. Each specialization also allows for choices of elective courses in other areas.

Practical learning experience is provided at the UNH equine facilities and the UNH Dairy Center. The Thompson School also operates its own grooming shop and biology laboratories. The curriculum has a number of animal-related educational programs, including an educational partnership with the NHSPCA in Stratham, N.H., and field trips to many animal-related businesses.

Curriculum Fee

Applied animal science, all specializations: $507*

Applied Animal Science Curriculum Standards

Applied Animal Science students must maintain a minimum 2.00 cumulative grade-point average in AAS classes after 2 semesters (32 credits) to take additional AAS classes. Students with AAS averages lower than 2.00 must repeat classes with lower grades and raise their average to the required 2.00 before taking additional AAS classes. Students must have a minimum cumulative 2.00 grade-point average in AAS classes to qualify for graduation from the program.

Dairy Management

Students learn the business of farming through field exercises in land management, forage production, financial management, and computer use on a dairy farm as well as continued practical experience with cattle. The program prepares students to work both on the farm or in related businesses.

Career Opportunities: Herd manager, agricultural sales and/or service employee, farm manager, artificial insemination (AI) technician, crop manager, farm or farm business owner.

Dairy Management Program of Study

Course, Credits
First Year, Fall Semester
AAS 228, Anatomy and Physiology of Domestic Animals, 4 cr.
AAS 231, Introduction to Animal Science, 4 cr.
AAS 264, Introduction to Dairy Management, 4 cr.
AAS 278, AAS Computer Applications, 1 cr.
COM 209, Expository Writing and Reading, 4 cr.

First Year, Spring Semester
AAS 223, Dairy Selection, 2 cr.
AAS 234, Equipment and Facilities Management, 3 cr.
AAS 239, Fundamentals of Animal Health, 3 cr.
AAS 242, Introduction to Business, 2 cr.
COM 212, Technical Writing, 2 cr.
MTH 202, Math II, 3 cr.

Second Year, Fall Semester
AAS 232, Animal Forages, 3 cr.
AAS 235, Animal Nutrition, 3 cr.
AAS 246, Animal Business Applications, 4 cr.
AAS 275, CREAM (Cooperative for Real Education in Agriculture) Program, 4 cr.
AAS 297, Work Experience (summer), 0 cr.
SSCI class, 2–4 cr.

Second Year, Spring Semester
AAS 240, Animal Breeding, 3 cr.
AAS 245, CREAM Program, 4 cr.
SSCI 201, Human Relations or SSCI 202, Social Issues, 4 cr.

Recommended electives include
AAS 221, Large Animal Behavior and Handling, 2 cr.
AM Agricultural Mechanization courses
Total: 67–70 credits

Equine Management

As part of new leisure industries, the equine industry in New England encompasses many different facilities and disciplines. Students in the equine management specialization combine courses in the most recent technical information with related practical experience. They gain hands-on experience in bandaging, selection, ration-balancing by computer, fitting and care of equipment, and farm and barn analysis. They also acquire decision making and managerial skills. Graduates have a solid basis for direct employment opportunities yet enough flexibility to further their education.

The riding focus at UNH is balance seat with schooling in dressage, cross country, and stadium jumping. Thompson School students in horsemanship classes ride in the UNH program and have the opportunity to compete in intercollegiate shows.

Career Opportunities: Riding instructor, barn manager, breeding farm manager, sales (tack shops, grain stores), horse show manager, veterinary assistant/equine practice.

Equine Management Program of Study

Course, Credits
First Year, Fall Semester
AAS 228, Anatomy and Physiology of Domestic Animals, 4 cr.
AAS 231, Introduction to Animal Science, 4 cr.
AAS 237, Equine Management Techniques, 4 cr.
AAS 278, AAS Computer Applications, 1 cr.
COM 209, Expository Writing and Reading, 4 cr.

First Year, Spring Semester
AAS 226, Equine Conformation and Lameness, 4 cr.
AAS 236, Equine Show Preparation and Competition, 1 cr.
AAS 234, Equipment and Facilities Management, 3 cr.
AAS 239, Fundamentals of Animal Health, 3 cr.
AAS 242, Introduction to Business, AAS, 2 cr.
COM 212, Technical Writing, 2 cr.
MTH 202, Math II, 3 cr.

Second Year, Fall Semester
AAS 232, Animal Forages, 3 cr.
AAS 235, Animal Nutrition, 3 cr.
AAS 246, Animal Business Applications, 4 cr.
AAS 275, CREAM (Cooperative for Real Education in Agriculture) Program, 4 cr.
AAS 297, Work Experience (summer), 0 cr.
SSCI class, 2–4 cr.

Second Year, Spring Semester
AAS 240, Animal Breeding, 3 cr.
AAS 245, CREAM Program, 4 cr.
SSCI 201, Human Relations or SSCI 202, Social Issues, 4 cr.

Recommended electives include
AAS 221, Large Animal Behavior and Handling, 2 cr.
AM Agricultural Mechanization courses
Total: 67–70 credits

* This one-time, nonrefundable curriculum fee is required to cover lab materials, specialized equipment maintenance, and transportation that is unique to the applied nature of the specialization. The curriculum fee covers the entire two-year course of study for one specialization.

Any non-TSAS student may be assessed specific course fees, details of which are included in each semester’s Time and Room Schedule. All fees are subject to change.
Recommended electives
AAS 272, Comparative Equine Operations
AAS 293, Equine Field Operations
ANSC 507, Equine Discipline (ANSC 402 is a prerequisite)

Total: 65–69 credits

Small Animal Care
Animal companionship provides millions of people an oasis in a hectic, impersonal world, and pet owners consistently seek additional advice on the care of their animals. The small animal care specialization prepares students to work in companion animal care positions of all types.

In their first year, students gain experience in breed types, behavior, genetics, restraint, and training of dogs and cats. Students also master laboratory procedures such as fecal examination and heartworm testing. In addition, the students learn the basics of grooming, nutrition, first aid, disease prevention, pharmacology, and toxicology. During their second year, students spend four hours a week at the NHSPCA performing all aspects of animal care and continue with their academic subjects.

Career Opportunities: Veterinary assistant, laboratory animal caregiver, pet store manager, pet groomer, kennel manager, animal care and control technician, animal-assisted activities/therapy volunteer and/or coordinator.

Small Animal Care Program of Study
Course, Credits
First Year, Fall Semester
AAS 228, Anatomy and Physiology of Domestic Animals, 4 cr.
AAS 230, Small Animal Breeds and Behavior, 4 cr.
AAS 231, Introduction to Animal Science, 3 cr.
AAS 278, AAS Computer Applications, 1 cr.
COM 209, Expository Writing and Reading, 4 cr.

First Year, Spring Semester
AAS 222, Small Animal Grooming, 2 cr.
AAS 239, Fundamentals of Animal Health, 3 cr.
AAS 242, Introduction to Business, AAS, 2 cr.
AAS 249, Small Animal Care Techniques, 2 cr.
Electives 1–3 cr.
COM 212, Technical Writing, 2 cr.
MTH 202, Math II, 3 cr.

Second Year, Fall Semester
AAS 235, Animal Nutrition, 3 cr.
AAS 246, Animal Business Applications, 4 cr.
AAS 279, Small Animal Care Practicum, 2 cr.
AAS 297, Work Experience (summer), 0 cr.
SSCI 201, Human Relations, 4 cr.
AAS Electives 2–5 cr.

Second Year, Spring Semester
AAS 224, Small Animal Management, 4 cr.
AAS 240, Animal Breeding, 3 cr.
AAS 279, Small Animal Care Practicum, 2 cr.
AAS Electives, 2–4 cr.
SSCI Class, 2–4 cr.
Electives 2–3 cr.

Recommended AAS electives
AAS 221, Large Animal Behavior and Handling, 2 cr.
AAS 222, Small Animal Grooming (2nd time)
AAS 227, Small Animal Diseases
AAS 236, Equine Show Preparation and Competition, 1 cr.
AAS 237, Equine Management Techniques
AAS 251, Human/Animal Bond
AAS 254, Animal Assisted Activities and Therapy
AAS 257, Small Animal Diseases Lab (AAS 227 Prereq)
AAS 276, Introduction to Lab Animals
AAS 277, Lab Animal Practicum
ABM courses (permission required)
ANSC 402, Horsemanship
ANSC 406, Careers in Animal Science

Total: 64–70 credits

Admissions Requirements
Applicants to the dairy management, equine management, and small animal care specializations must present at least one year of satisfactory work in college preparatory biology and two years of college preparatory math. One year of high school chemistry is also highly recommended. Students with weaknesses in these academic areas are encouraged to take refresher classes before starting their coursework in the applied animal science program.

COURSES
AAS 221 Large Animal Behavior and Handling Techniques 2 cr.
AAS 222 Small Animal Grooming 2 cr.
AAS 223 Dairy Selection 2 cr.
AAS 224 Small Animal Management 4 cr.
AAS 226 Equine Conformation and Lameness 4 cr.
AAS 227 Small Animal Diseases 2 cr.
AAS 228 Anatomy and Physiology of Domestic Animals 4 cr.
AAS 230 Small Animal Breeds and Behavior 4 cr.
AAS 231 Introduction to Animal Science 4 cr.
AAS 232 Animal Forages 3 cr.
AAS 234 Equipment and Facilities Management 3 cr.
AAS 235 Animal Nutrition 3 cr.
AAS 236 Equine Show Preparation and Competition 1 cr.
AAS 237 Equine Handling and Care Techniques 4 cr.
AAS 239 Fundamentals of Animal Health 3 cr.
AAS 240 Animal Breeding 3 cr.
AAS 244 Introduction to Dairy Herd Management 4 cr.

Applied Business Management
www.unh.edu/tsas/academics/business/
(For course descriptions, go to www.undergradcat.unh.edu.)

The Applied Business Management program combines classwork and practical experience to give students a thorough understanding of the business field. The core curriculum includes accounting, marketing and sales, human resource management, computer applications, communications, business law and strategic management for small business. Students also select from a variety of UNH electives and internship opportunities.

Practical experience is gained through research projects with local industries, municipalities and state agencies, and student-run businesses. Students may also elect to take internships with area businesses.

Curriculum Fees
Applied Business Management: Business Management $111*

Business Management
Small- to medium-sized businesses represent the largest and fastest growing segment of the state and regional economy. The business management program is specifically designed for students who wish to seek entry-level management positions in existing
firms, prepare for management of a family-owned business, or start a new business. Business management students gain practical exposure to essential topics in business management that prepares them to seek further specialization in a business area or to prepare for transfer to a baccalaureate program.

Career Opportunities: Office manager, entrepreneur, management trainee programs, assistant manager, purchasing and inventory controller, bookkeeper, domestic and international sales professional, business owner.

Business Management Program of Study
Course, Credits
First Year, Fall Semester
ABM 204, Principles of Management, 4 cr.
ABM 205, Applied Financial Accounting, 4 cr.
COM 209, Expository Writing and Reading, 4 cr.
MTH 201, Math I, 3 cr.
or MTH 202, Math II, 3 cr.

First Year, Spring Semester
ABM 207, Applied Marketing, 4 cr.
ABM 208, Managerial Accounting, 4 cr.
ABM 226, Business Computer Applications, 4 cr.
COM 210, Public Speaking, 2 cr.
Electives 4 cr.

Second Year, Fall Semester
ABM 211, Business Policy, 4 cr.
ABM 212, Business and Industry Internship 1 to 4 cr.
ABM 214, Applied Sales 4 cr.
ABM 215, Business and the Community 4 cr.
ABM 217, Web Page Programming and Design 4 cr.
ABM 218, Computer Database Management 2 cr.
ABM 219, Desktop Publishing and Advanced Applications 4 cr.

Elective 4 cr.

Total: 64 credits

Admissions Requirements
Students entering the business management program must have a minimum of two years of college preparatory mathematics (preferably three). Several ABM courses require a strong background in basic mathematics and algebra.

COURSES
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABM 202</td>
<td>Professional Writing</td>
<td>2 cr.</td>
</tr>
<tr>
<td>ABM 204</td>
<td>Principles of Management</td>
<td>4 cr.</td>
</tr>
<tr>
<td>ABM 205</td>
<td>Applied Financial Accounting</td>
<td>4 cr.</td>
</tr>
<tr>
<td>ABM 206</td>
<td>Human Resource Management</td>
<td>4 cr.</td>
</tr>
<tr>
<td>ABM 207</td>
<td>Applied Marketing</td>
<td>4 cr.</td>
</tr>
<tr>
<td>ABM 208</td>
<td>Managerial Accounting</td>
<td>4 cr.</td>
</tr>
<tr>
<td>ABM 210</td>
<td>Production/Operations Management</td>
<td>2 cr.</td>
</tr>
</tbody>
</table>

ABM 211 Business Policy 4 cr.
ABM 212 Business and Industry Internship 1 to 4 cr.
ABM 214 Applied Sales 4 cr.
ABM 215 Business and the Community 4 cr.
ABM 217 Web Page Programming and Design 4 cr.
ABM 218 Computer Database Management 2 cr.
ABM 219 Desktop Publishing and Advanced Applications 4 cr.

Second Year, Spring Semester

Civil Technology
www.unh.edu/tsas/academics/civiltech/
(For course descriptions, go to www.undergrad.cat.unh.edu.)

Civil Technology is a dynamic educational opportunity offering skill-based learning through class instruction, extensive laboratory experience, and fieldwork. Students choose from one of the following specializations: architectural technology, construction management, and surveying and mapping.

The cornerstone of the educational experience is instruction in computer-aided design (CAD) using the Thompson School’s state-of-the-art CAD labs. Students in field surveying use the latest surveying equipment and students studying geographical information systems (GIS) use the new GIS Instructional Lab. Additional coursework covers building science, construction contracting, materials, soils, and methodologies of professional practice in the concentration specialties.

Curriculum Fees
Civil technology, all specializations: $74*

* This one-time, nonrefundable curriculum fee is required to cover lab materials, specialized equipment maintenance, and transportation that is unique to the applied nature of the specialization. The curriculum fee covers the entire two-year course of study for one specialization. Any non-TSAS student may be assessed specific course fees, details of which are included in each semester’s Time and Room Schedule. All fees are subject to change.

Architectural Technology

In the Architectural Technology specialization, students expand on the broad construction-related base of the Civil Technology curriculum. From faculty who are experienced, registered architects and engineers, students are introduced to the technical skills used in the architectural profession, including computer-aided design (CAD) and building science-related technologies. Course content includes engineering-based as well as design-based disciplines. The courses, when coupled with recommended electives, provide students with a substantial knowledge for architecturally related careers. While some graduates continue their studies in accredited baccalaureate programs and become registered architects, most find work in technical support positions within the design and construction industries in either private companies or public/government entities.

Career Opportunities: Architectural technician, CAD designer, public works operations, land development planner, facilities management, engineering aide.

Architectural Technology Program of Study
Course, Credits
First Year, Fall Semester
CT 220, Professional Practice, 1 cr.
CT 222, Computer Aided Design Level 1, 4 cr.
CT 223, Introduction to Surveying and Mapping, 4 cr.
AM 280, Technical Computer Literacy/Internet Applications, 4 cr.
MTH 203, Algebra and Trigonometry, 3 cr.

First Year, Spring Semester
CT 231, Design I, 4 cr.
AM 275, Building Science/Residential Construction, 4 cr.
COM 212, Technical Writing, 2 cr.
or COM 210, Public Speaking, 2 cr.
SSCI 204, Leadership Effectiveness and Group Performance, 2 cr.
Elective, 4 cr.

Second Year, Spring Semester

Second Year, Fall Semester
**Construction Management**

In the Construction Management specialization, students prepare for careers in land development, construction contracting and management, and land-use planning. Students learn not only how to build well but how to build wisely. They study construction and its related technologies, dealing with material selection and design, and design of foundation and drainage systems. They also examine environmental and land development issues by studying residential and commercial septic and waste disposal systems, recycling, and effective energy management. Some graduates elect to continue their education in bachelor of science programs in civil engineering or community development, or in the bachelor of engineering technology program in civil engineering.

Graduates of the Construction Management specialization find employment in a variety of building industry-related positions.

**Career Opportunities:** Construction supervisor, project manager, cost estimator, public works department, contractor, code enforcement officer, construction material tester, land-development planning, site evaluator for building components, construction product manufacturer, product representative, DOT engineering technician.

**Construction Management Program of Study**

**Course, Credits**

**First Year, Fall Semester**
- CT 220, Professional Practice, 1 cr.
- CT 222, Computer Aided Design Level I, 4 cr.
- CT 223, Introduction to Surveying and Mapping, 4 cr.
- AM 280, Technical Computer Literacy/Internet Applications, 4 cr.
- MATH 203, Algebra and Trigonometry, 3 cr.

**First Year, Spring Semester**
- CT 231, Design I, 4 cr.
- CT 233, Construction Surveying, 4 cr.
- CT 237, Land Design and Regulations, 4 cr.
- COM 212, Technical Writing, 2 cr.
- or COM 210, Public Speaking, 2 cr.
- SSCI 204, Leadership Effectiveness and Group Performance, 2 cr.

**Second Year, Fall Semester**
- CT 240, Legal Aspects of Surveying, 2 cr.
- and CT 243, Advanced Surveying and Mapping, 2 cr.
- CT 247, Construction Contracting, 4 cr.
- CT 297, Work Experience, 0 cr.
- COM 209, Expository Writing and Reading, 4 cr.

**Second Year, Spring Semester**
- CT 244, Advanced Surveying Computations, 4 cr.
- SSCI 202, Social Issues, 4 cr.
- *Technical Elective, 4 cr.

**Total: 64 credits**

**Surveying and Mapping**

As land values increase and the need to use our natural resources efficiently and to protect our environment becomes more critical, the role of surveyors is expanding. The Surveying and Mapping specialization contains a core sequence of six courses (from Introductory Surveying to the Legal Aspects of Surveying) that continuously challenge students to improve their technical knowledge, computer skills, and field competency. Using electronic field measuring equipment, computers to create and plot maps, and satellite positioning technology, the surveyors and mappers of today are at the forefront of acquiring, analyzing, and managing land information.

**Career Opportunities:** Licensed land surveyor, DOT engineering technician, GIS technician, land development planner, construction surveyor.

**Surveying and Mapping Program of Study**

**Course, Credits**

**First Year, Fall Semester**
- CT 220, Professional Practice, 1 cr.
- CT 222, Computer Aided Design Level I, 4 cr.
- CT 223, Introduction to Surveying and Mapping, 4 cr.
- AM 280, Technical Computer Literacy/Internet Applications, 4 cr.
- MATH 203, Algebra and Trigonometry, 3 cr.

**First Year, Spring Semester**
- CT 231, Design I, 4 cr.
- CT 233, Construction Surveying, 4 cr.
- CT 237, Land Design and Regulations, 4 cr.
- COM 212, Technical Writing, 2 cr.
- or COM 210, Public Speaking, 2 cr.
- SSCI 204, Leadership Effectiveness and Group Performance, 2 cr.

**Second Year, Fall Semester**
- CT 240, Legal Aspects of Surveying, 2 cr.
- and CT 243, Advanced Surveying and Mapping, 2 cr.
- CT 247, Construction Contracting, 4 cr.
- CT 297, Work Experience, 0 cr.
- COM 209, Expository Writing and Reading, 4 cr.
- Elective, 4 cr.

**Second Year, Spring Semester**
- CT 244, Advanced Surveying Computations, 4 cr.
- SSCI 202, Social Issues, 4 cr.
- *Technical Elective, 4 cr.
- Elective, 4 cr.

**Total: 64 credits**

**Elective Courses**

- AM 261, Internal Combustion Engines I
- AM 275, Building Science/Residential Construction
- CT 222, Mechanical and Electrical Systems
- CT 230, Statics and Materials
- CT 233, Construction Surveying
- CT 234, Soils and Foundations
- CT 237, Land Design and Regulations.
- CT 240, Legal Aspects of Surveying
- CT 244, Advanced Surveying Computations
- CT 282, Architecture II (Prereq: Architecture I)

*Technical Elective Courses*

- CT 235, Introduction to Information Technology
- AM 251, Welding and Fabrication Technology
- AM 262, Internal Combustion Engines II (Prereq. AM 261)

Other courses by approval

**Admissions Requirement**

Applicants to the architectural technology, construction management, and surveying and mapping specializations must present at least two years of satisfactory work in college preparatory mathematics.

**COURSES**

**CT**
- 220 Professional Practice 1 cr.
- 222 Computer Aided Design Level I 4 cr.
- 223 Introduction to Surveying and Mapping 4 cr.
- 227 Mechanical and Electrical Systems 4 cr.
- 230 Statics and Materials 4 cr.
- 231 Design I 4 cr.
- 232 Design II 4 cr.
- 233 Construction Surveying 4 cr.
- 234 Soils and Foundations 4 cr.
- 235 Introduction to Information Technology 4 cr.
- 237 Land Design and Regulations 4 cr.
- 240 Legal Aspects of Surveying 2 cr.
- 243 Advanced Surveying and Mapping 2 cr.
- 244 Advanced Surveying Computations 4 cr.
- 247 Construction Contracting 4 cr.
- 281 Architecture I History and Design 4 cr.
- 282 Architecture II 4 cr.
- 291 Studies 1 to 3 cr.
- 292 Studies 1 to 3 cr.
- 297 Work Experience cr.

**Community Service and Leadership**

[www.unh.edu/tsas/academics/csl/](http://www.unh.edu/tsas/academics/csl/)

(For course descriptions, go to www.undergradcat.unh.edu.)

The Community Service and Leadership Program prepares students for influential roles within community organizations by combining hands-on community outreach with an academic study of communities, leadership, citizen influence, nonprofit organization management, and general education.
CSL students participate in faculty-supervised community outreach in a wide variety of locations including schools and other learning-focused agencies, crisis shelters, environmental organizations, animal care facilities, nursing homes, advocacy programs, town offices, citizen groups and other community-related organizations.

Through their coursework, community placements, and individualized plans of study, CSL students learn how to: supervise volunteers, facilitate effective meetings, speak comfortably and knowledgeably to groups of various sizes, analyze community issues and their causes, manage financial information, organize projects and events, research and prepare grant proposals, create effective newsletters, influence public opinion, and organize people to work toward positive solutions for shared problems.

The Community Service and Leadership Program is designed to flexibly and effectively meet the needs of a diverse group of students including recent high school graduates as well as experienced community-service workers.

**Curriculum Fee**
Community Service and Leadership $52*

**Community Service and Leadership Program of Study**

**Course, Credits**

**First Year, Fall Semester**
COM 209, Expository Writing and Reading, 4 cr.
SSCI 201, Human Relations, 4 cr.
CSL 201, Introduction to Community Service and Leadership, 4 cr.
CSL 200, Technology for Community Service and Leadership, 2 cr.
MTH, Mathematics course, 3 cr.

**First Year, Spring Semester**
SSCI 202, Social Issues, 4 cr.**
COM 210, Public Speaking, 2 cr.
CSL 205, Communication within Communities, 4 cr.
CSL 202, Introduction to Non-Profit Organizations, 3 cr.
CSL 203, Organizing and Supervising Volunteers, 3 cr.

**Summer**
CSL 297, Volunteer/Work Experience, 0 cr.

**Second Year, Fall Semester**
SSCI 204, Group Process and Leadership Development, 2 cr.**
ABM 215, Business and the Community, 4 cr., or CD 415, Community Development, 4 cr.
CSL 204, Managing Change and Conflict in Communities, 4 cr.

**Second Year, Spring Semester**
CSL 206, Literature of Family and Community, 4 cr.
CSL 210, Community Service and Leadership Capstone Seminar, 4 cr.
Electives, 6–8 cr.

**Other Associated Courses**
CSL 207, Introduction to Non-Profit Budgeting and Accounting Practices, 3 cr.
CSL 208, Essentials of Fund Raising for Community-Based Organizations, 2 cr.
CSL 209, Essentials of Grant Writing for Community-Based Organizations, 2 cr.
CSL 290, Civic and Community Internship, 2–4 cr.
ABM 217, Web Page Programming and Design, 4 cr.

**Total:** 65–69 credits

**COURSES**

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<thead>
<tr>
<th>Course</th>
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<tr>
<td>CSL 200</td>
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<tr>
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<td>CSL 210</td>
<td>Capstone Seminar</td>
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<td>CSL 290</td>
<td>Civic and Community Internship</td>
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<td>CSL 291</td>
<td>Studies in Community Service and Leadership</td>
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<td>CSL 292</td>
<td>Studies in Community Service and Leadership</td>
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<tr>
<td>CSL 297</td>
<td>Work Experience</td>
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</tbody>
</table>

**Food Services Management**
The Food Services Management program has two distinct specializations: dietetic technician and restaurant management.

*This one-time, nonrefundable curriculum fee is required to cover lab materials, specialized equipment maintenance, and transportation that is unique to the applied nature of the specialization. The curriculum fee covers the entire two-year course of study for one specialization. Any non-TSAS student may be assessed specific course fees, details of which are included in each semester’s Time and Room Schedule. All fees are subject to change.*

**Curriculum Fee**
Food Services Management:
- Dietetic technician $424*
- Restaurant manager $424*

**Dietetic Technician**
www.unh.edu/tsas/academics/dietetic/
(For course descriptions, go to www.undergradcat.unh.edu.)

Students who complete the dietetic technician specialization are prepared for a variety of positions in the food, fitness, and healthcare industries. In a program that combines classroom work and practical experience, students learn such skills as evaluating the nutritional status of clients, developing nutrition care plans, and providing nutrition education. They also develop skills in the management of food production and delivery systems. Students participate in two supervised practice rotations in the areas of medical food service management, clinical nutrition, and community nutrition for a total of at least 450 hours. These experiences take place in local health-care settings and community nutrition programs.

The specialization is accredited by the Commission on Accreditation of Dietetics Education (CADE) of the American Dietetic Association. Students who successfully complete the program of study are eligible to sit for the Dietetic Technician Registration Exam. A Dietetic Technician Registered is eligible for membership in the American Dietetic Association, an organization of nutrition professionals.

**Career Opportunities:** Dietetic technician, Registered DTR; clinical—hospitals, health-care facilities, retirement centers; wellness—health clubs, weight clinics, wellness centers; community—community nutrition programs, public health agencies, WIC agencies; business—food companies, food vendors, distributors; food services management—schools, daycare centers, restaurants.

**Dietetic Technician Program of Study**
**Course, Credits**

**First Year, Fall Semester**
FSM 201, Food Preparation Fundamentals, 2 cr.
FSM 217, Applied Principles of Food Preparation Lab, 1 cr.
FSM 228/229, Applied Nutrition for Dietetic Technicians, 4 cr.
MTH 201, Math I, 3 cr.
NUTR 503, Principles of Food Services Management I, 3 cr.
COM 209, Expository Reading and Writing, 4 cr.
Restaurant Management Program of Study

**Course, Credits**

**First Year, Fall Semester**
- FSM 201, Food Preparation Fundamentals, 3 cr.
- FSM 203, Introduction to Restaurant and Hospitality Management, 3 cr.
- FSM 205, Hospitality Computer Applications, 3 cr.
- FSM 228, Applied Nutrition, 3 cr.
- COM 210, Public Speaking, 2 cr.

**First Year, Spring Semester**
- FSM 202, Menu Management, 3 cr.
- FSM 206, Food and Beverage Operations Control, 4 cr.
- COM 205, Expository Writing and Reading, 4 cr.
- MTH 201, Math I, 3 cr.

**First Year, Summer Semester**
- FSM 297, Restaurant Management Summer Internship, 3 cr.

**Second Year, Fall Semester**
- FSM 209, Applied Restaurant Operations Management, 4 cr.
- FSM 218, Beverage Operations Management, 2 cr.
- FSM 240, Restaurant Sales and Promotion Management, 4 cr.
- SSCI 204, Leadership Effectiveness and Group Performance, 2 cr.

**Second Year, Spring Semester**
- FSM 208, Non-Commercial and Contract Food Service Management, 3 cr.
- FSM 211, Food and Beverage Facilities Planning, 2 cr.
- FSM 212, Hospitality Personnel Management, 2 cr.
- FSM 215, Restaurant and Hospitality Law, 2 cr.
- FSM 226, Dining Room Practicum, 2 cr.
- FSM 241, Applied Buffet and Catering Management, 4 cr.
- SSCI 201, Human Relations, 4 cr.

**Total: 64 credits**

Forest Technology

www.unh.edu/tsas/academics/forestat-tech/

(For course descriptions, go to www.undergradcat.unh.edu.)

Students in the Forest Technology program are uniquely prepared for careers in the forest industries and natural resource management in New Hampshire and New England. Classroom lecture is backed up by practical field work in each of the subject areas. The curriculum is recognized by the Society of American Foresters and reviewed by an advisory committee representing the full spectrum of forestry organizations in the region. There is strong emphasis on leadership, safety, communication skills, accuracy of field work, data collection, and professional presentation. Unique facilities for teaching and learning include centrally located classroom and shop facilities, 3,000+ acres of University-owned forest land, a sawmill and logging equipment, and a faculty dedicated to teaching with vast field experience in the subject areas.

**Admissions Requirement**

Applicants to the forest technology specialization must present at least two years of satisfactory work in college preparatory mathematics.

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**Restaurant Management**

www.unh.edu/tsas/academics/restaurant/

(For course descriptions, go to www.undergradcat.unh.edu.)

In the Restaurant Management specialization, students experience a carefully developed combination of classroom and laboratory work. They engage in practical, hands-on experiences, using modern commercial equipment to help them refine the necessary skills to be successful in the field. Students operate two restaurants located in the Thompson School: Stacey’s Buffet, and the Balcony Bistro, an upscale gourmet dining establishment. They present weekly buffets, and cater banquets and special events sponsored by the School. Finally, a required summer internship rounds out the program’s hands-on experiential learning. Students can also work at the UNH Dairy Bar (which is operated by the FSM program), the New England Center, and University Hospitality Services, all located on the UNH campus. Extracurricular learning and earning opportunities are available in the many restaurants located in the Seacoast area. Students who want to continue their education are strongly encouraged to take electives from the University’s four-year program to get a head start on transfer status.

**Career Opportunities:** Restaurant owner/manager, caterer, food and beverage sales, food buyer, food and beverage manager, food services director.
## Forest Technician Program of Study

### First Year, Fall Semester
- FORT 261, Dendrology, 3 cr.
- FORT 263, Forest Ecology, 3 cr.
- FORT 265, Forest Orientation Seminar, 1 cr.
- FORT 283, Forest Computer Applications, 1 cr.
- COM 209, Expository Writing and Reading, 4 cr.
- MTH 203, Algebra and Trigonometry, 3 cr.

### First Year, Spring Semester
- FORT 260, Forest Mapping, 2 cr.
- FORT 266, Forest Surveying, 4 cr.
- FORT 270, Applied Silviculture, 4 cr.
- FORT 280, Aerial Photography Interpretation and Geographic Information Systems, 3 cr.
- SSCI 202, Social Issues, 4 cr.
- Electives 2–4 cr.

### Second Year, Fall Semester
- FORT 267, Leadership, Supervision, and Safety Practices, 2 cr.
- FORT 269, Wildlife Ecology and Conservation, 3 cr.
- FORT 272, Mensuration, 4 cr.
- FORT 277, Logging, 4 cr.
- FORT 297, Forestry Work Experience, 0 cr.
- COM 210, Public Speaking, 2 cr.
- or COM 211, Critical Reading, 2 cr.
- or COM 212, Technical Writing, 2 cr.
- Electives 2–4 cr.

### Second Year, Spring Semester
- FORT 273, Management Operations and Analysis, 3 cr.
- FORT 274, Industrial Forest Management Tour, 2 cr.
- FORT 276, Forest Products, 4 cr.
- FORT 278, Forest Insects and Diseases, 2 cr.
- FORT 279, Fire Control and Use, 2 cr.

### Total: 65–69 credits

## Curriculum Fee
- Forest technology, specialization, $522*
- Forest Technician

Forest technicians help plan, direct, and operate forestry enterprises. Students in the forest technician specialization experience a breadth and depth of instruction. They are exposed to the theory and practice of planting, thinning, and other silvicultural operations, including harvesting supervision. They learn how to design, lay out, and construct roads, trails, and recreational facilities; how to map and survey property; and how to manage woodlands to improve wildlife habitat and conserve soil, water, and other natural resources. Graduates work in the wood products-related industries, in public forestland management agencies, with forestry consulting firms or urban tree care companies, and with a range of conservation organizations. Graduates can become licensed in N.H. to practice forestry on private lands.

### Career Opportunities:
- Forestry consultant
- Felling trees
- Arborist
- Equipment maintenance
- Construction
- Public speaking
- Written communication
- Leadership
- Supervision
- Safety

### Horticultural Technology

Horticultural Technology students study the art and science of applied plant biology, preparing for environmentally attuned careers in the Green Industry. Rigorous first-year foundation courses in plant materials, plant growth and development, and soils support second-year specializations in ornamental horticulture, or landscape operations. Employment opportunities in these areas continue to be excellent. Graduates enter a rapidly expanding job market in greenhouse production, floral design, nursery and garden center management, parks and grounds management, fruit and vegetable production, and landscape design, construction, and maintenance. Many recent graduates have established their own horticulture enterprises, and others continue their education toward a four-year degree in areas such as floral design, environmental horticulture, floriculture/greenhouse management, or business management.

### Curriculum Fee
- Horticultural technology: Both specializations *$602*

### Ornnamental Horticulture

Students who prefer to be generalists in horticultural technology may opt for the ornamental horticulture specialization. Students gain the broadest possible background in horticultural technology, a background attractive to employers in all specialty areas. Working closely with a faculty adviser, each student designs his or her own program, taking courses in the curriculum that fulfill the student’s particular needs. They first complete core requirements in the fundamentals of plant growth and development, soils, plant propagation, plant identification, and plant health care. Students may then choose elective coursework combining studies in floriculture, fruit and vegetable production, garden center management, and/or floral design.

### Career Opportunities:
- Business owner/manager of garden center, nursery, flower shop, or fruit and vegetable business; greenhouse, nursery, or fruit and vegetable production; floral designer.
Landscape Operations Program of Study

Course, Credits

First Year, Fall Semester
HT 201, Freshman Seminar, 1 cr.
HT 205, Plant Propagation, 4 cr.
HT 207, Introduction to Plant Materials, 2 cr.
HT 215, Computers in Horticulture, 1 cr.
COM 209, Expository Writing and Reading, 4 cr.
HT Electives, 1–5 cr.

First Year, Spring Semester
HT 217, Soils and Plant Nutrition (Half-term I), 2 cr.
HT 219, Plant Structure and Function, 2 cr.
HT 218, Soils and Land Use (Half-term I), 2 cr.
HT 219, Computers in Horticulture, 1 cr.
SSCI 202, Environmental Issues and Society, 2 cr.
SSCI 203, Social Issues, 4 cr.
SSCI 201, Human Relations, 4 cr.
MTH, Mathematics course, 3 cr.
HT Electives, 1–5 cr.

Second Year, Fall Semester
HT 250, Flower Show Design and Construction, 1 cr.
HT 251, Introduction to Design Communication, 2 cr.
HT 252, Horticultural Facilities Management, 2 cr.
HT 253, Horticultural Facilities Management, 1 cr.
HT 257, Woody Landscape Plants, 2 cr.
HT 258, Herbaceous Ornamental Plants, 2 cr.
HT 260, Grounds Maintenance, 2 cr.
HT 263, Landscape Construction, 4 cr.
HT 266, Garden Design and Culture, 2 cr.
HT 270, Grounds Management, 2 cr.
HT 272, Landscape Design Studio, 4 cr.
HT 275, Floriculture Crop Production, 2 cr.
HT 276, Bedding Plant Production, 2 cr.
HT 286, Fruit and Vegetable Production, 3 cr.
HT 288, Floral Design: Weddings, 2 cr.
HT 297, Work Experience, 2 cr.
SSCI 201, Human Relations, 4 cr.
SSCI 202, Social Issues, 4 cr.
SSCI 203, Environmental Issues and Society, 2 cr.
MTH, Mathematics course, 3 cr.
Approved Electives, 1–5 cr.

Second Year, Spring Semester
HT 251, Introduction to Design Communication, 2 cr.
HT 257, Woody Landscape Plants, 3 cr.
HT 260, Grounds Maintenance, 2 cr.
HT 263, Landscape Construction, 4 cr.
HT 297, Horticultural Work Experience, 2 cr.
COM 210, Public Speaking, 2 cr.
COM 211, Critical Reading, 2 cr.
COM 212, Technical Writing, 2 cr.
Second Year, Fall Semester
HT 257, Woody Landscape Plants, 2 cr.
HT 258, Herbaceous Ornamental Plants, 2 cr.
HT 259, Grounds Management (Half-term II), 2 cr.
HT 272, Landscape Design Studio, 4 cr.
HT 288, Horticultural Business Management, 4 cr.
HT Electives, 4–8 cr.

Total: 66–80 credits

Landscape Operations
Landscape horticulture has been projected to be one of the fastest growing service industries of the coming decade. It is a field that also offers unparalleled aesthetic satisfaction and meaningful reward. To succeed in landscaping increasingly requires a degree of technical and scientific expertise, as well as creativity, artistry, and problem-solving skills. Students in the landscape operations specialization gain a solid foundation in general horticulture and a thorough introduction to the landscape industry. In their classes, students meld theory and practice, and they apply what they learn in weekly lab periods and on-site visits to area operations. Many graduates eventually start their own landscape companies, and others continue their education toward a four-year degree in areas such as landscape architecture, parks and recreation, plant and soil science, environmental science, or business management.

Career Opportunities: Landscape design, landscape construction, garden centers, nurseries, golf courses, schools and parks, private and public grounds maintenance/management.

COURSES

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<tr>
<td>HT 201 Freshman Seminar</td>
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<tr>
<td>HT 204 Plant Propagation</td>
<td>3 cr.</td>
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<tr>
<td>HT 205 Introduction to Plant Materials</td>
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<td>HT 207 Plant Structure and Function</td>
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<td>HT 215 Soils and Land Use (Half-term I)</td>
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<td>HT 219 Computers in Horticulture</td>
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<td>HT 227A Horticultural Facilities Management</td>
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<td>HT 227B Horticultural Facilities Management</td>
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<td>HT 227C Horticultural Facilities Management</td>
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<td>HT 227D Horticultural Facilities Management</td>
<td>1 cr.</td>
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<td>HT 234 Pest Management: Diseases</td>
<td>2 cr.</td>
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<td>HT 240 Introduction to Floral Design</td>
<td>2 cr.</td>
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<td>HT 244 Floral Design: Weddings</td>
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<td>HT 251 Introduction to Design Communication</td>
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<tr>
<td>HT 254 Irrigation Design</td>
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<tr>
<td>HT 256 Horticultural Pruning</td>
<td>2 cr.</td>
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