



F/HORT466 –Urban & Community Forestry

Department of Forest and Rangeland Stewardship
Warner College of Natural Resources &
Department of Horticulture and Landscape Architecture
College of Agricultural Sciences

COURSE SYLLABUS (subject to change)

Instructors

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Term:	Fall 2018
Class Meeting Days:	Mondays & Wednesdays
Class Meeting Hours:	4:00pm - 5:15pm
Class Location:	Clark C 359
Course Credits:	3

Course Overview

Urban and Community Forestry (U&CF) is the management of naturally occurring and planted trees in urbanized areas to sustain the natural and human environment. Trees have long been planted and protected in cities and towns and the field of U&CF has grown into a significant branch of forestry. U&CF encompasses the broad concept of managing trees, forests and related resources in cities and towns for the ecological, economic and social benefits of all residents. Urban and Community Forestry also leads the way in urban ecosystem management with a clear goal of creating sustainable conditions in our cities and towns.

Course Goals & Objectives

- Develop and use critical thinking skills needed to apply concepts in a work setting

- Understand the relationship people have with trees and associated landscapes in urban settings and demonstrate ability to interact professionally with stakeholders
- Understand and articulate the economic, ecological, and social values and benefits of urban forests and associated landscapes
- Understand and articulate the technical, managerial, political, and administrative aspects of urban forestry programs
- Show awareness and familiarity with urban tree biology and management
- Gain an appreciation for the importance of communication and community involvement in the successful implementation of an urban forestry program
- Understand all types and methods of urban forest inventory, how this translates to an urban forestry management plan, and demonstrate professional skills, ethics, and standards of excellence that will be invaluable in a professional career

Course Prerequisites

Forest and Rangeland Ecogeography (F 310) or Landscape Plants (HORT 221) or instructor approval.

Optional Texts and Materials

Miller, et al. *Urban Forestry: Planning and Managing Urban Greenspaces*, 3rd ed. Waveland Press, Inc., Long Grove, IL.

Matheny, N.P., and J.R. Clark. Municipal Specialist-Certification Study Guide. International Society of Arboriculture, Champaign, IL. 279 pp.

Library and Research Help

The CSU Libraries Help Desk provides basic research and technical assistance either in person at Morgan Library or by phone at 970-491-1841. Virtual assistance is also available via the Libraries' Ask Us chat and email services (<http://lib.colostate.edu/help/ask-us>). Jocelyn Boice is the librarian supporting the Forest and Rangeland Stewardship Department and this course. Contact her for in-depth assistance at: jocelyn.boice@colostate.edu / 970-491-3882.

Additional Class Materials/Notes

Smart phones are recommended for tree inventory exercises.

Both sections of the course will have access to course materials in Canvas at <http://canvas.colostate.edu>.

Important Dates to Remember

Important course dates and assignments are listed in the section below. All the dates and assignments are tentative, and can be changed at the discretion of the instructors. You may also want to consult the CSU Academic Calendar for other important semester dates (such as course withdrawal deadlines):

<https://calendar.colostate.edu/academic/#/?i=2>

Course Schedule and/or Schedule of Assignments

Monday – 8-20-2018	Introduction, Course Outline and Grading Policy History of Urban Forestry (Urban Forestry Text pp. 29-56)
Wednesday – 8-22-2018	History of Urban Forestry
Monday – 8-27-2018	Technical Foundations of Urban Forestry and Overview of Arboricultural Principles (Tech Guide Chapter 2) (Urban Forestry Text pp. 473-491)
Wednesday – 8-29-2018	Technical Foundations of Urban Forestry and Overview of Arboricultural Principles-PEGSMOR
Monday – 9-3-2018	University Holiday – No Class
Wednesday – 9-5-2018	Benefits and Costs of Trees (Municipal Guide pp. 3-11) (Tech Guide Chapter 1) (Urban Forestry Text pp. 113-144) (Project 1 Assignment)
Monday – 9-10-2018	Benefits and Costs of Trees (Class will meet at Morgan Library, Computer Classroom 171) http://lib.colostate.edu/about/maps/first#ComputerClassroom171
Wednesday – 9-12-2018	Human Dimensions of Urban Forestry (Urban Forestry Text pp. 57-68)
Monday – 9-17-2018	Human Dimensions of Urban Forestry (Project 1 Due Date)
Wednesday – 9-19-2018	Planning the Urban Forest (Municipal Guide pp. 17-33) (Tech Guide Chapter 3) (Urban Forestry Text pp. 223-302)
Monday – 9-24-2018	Planning the Urban Forest
Wednesday – 9-26-2018	Exam
Monday – 10-1-2018	Assessing and Quantifying the Urban Forest (Municipal Guide pp. 35-49) (Urban Forestry Text pp. 145-222)
Wednesday – 10-3-2018	Assessing and Quantifying the Urban Forest (Project 2 Assignment)
Monday – 10-8-2018	Assessing and Quantifying the Urban Forest Plot Field Work

Wednesday – 10-10-2018	Assessing and Quantifying the Urban Forest Plot Field Work
Monday – 10-15-2018	Project #2 Due Date
Wednesday – 10-17-2018	Assessing and Quantifying the Urban Forest
Monday – 10-22-2018	Planting the Urban Forest (Municipal Guide pp. 51-93) (Tech Guide Chapters 4 & 5) (Urban Forestry Text pp. 303-336)
Wednesday – 10-24-2018	Planting the Urban Forest
Monday – 10-29-2018	Planting the Urban Forest
Wednesday – 10-31-2018	Maintaining the Urban Forest (Municipal Guide pp. 95-131, 169-177)(Tech Guide Chapter 6) (Urban Forestry Text pp. 337-376 and 431-472) (Project 3 Assignment)
Monday – 11-5-2018	Maintaining the Urban Forest
Wednesday – 11-7-2018	Maintaining the Urban Forest (Tech Guide Chapter 8)
Monday – 11-12-2018	Project 3 Class Time Final Project/Presentation Assignment
Wednesday – 11-14-2018	Managing Risk in the Urban Forest (Municipal Guide pp. 133-159)
Monday – 11-26-2018	Managing Risk in the Urban Forest
Wednesday – 11-28-2018	Protecting the Urban Forest (Municipal Guide pp. 161-179) (Tech Guide Chapter 7) Project 3 Due Date
Monday – 12-3-2018	Administering the Urban Forest (Municipal Guide pp. 181-225) (Tech Guide Chapter 9) (Urban Forestry Text pp. 377-430)
Wednesday – 12-5-2018	Final Reports Assignment Review/Questions Course Review
Monday – 12-10-2018	Finals Week Begins

Lectures

Lectures will include powerpoint presentations, interactive web-based learning tools, video presentations, and guest speakers from the urban forestry field. There will be some organized field experiences as well.

Grading

Letter grades will be assigned based on total points. Plus and minus grades are given.

Grades are earned on the following point system:

	<u>Points Possible</u>
Project 1	100
Exam 1	100
Project 2	200
Project 3	200
Final Project and Presentation	200
Total possible	800

Approximate cut points for various grades run as follows (based on points possible, subject to change without notice):

Grading Scale

	Points
A+ 100 – 97	776
A 96.9 – 93	744
A- 92.9 – 90	720
B+ 89.9 – 87	696
B 86.9 – 83	664
B- 82.9 – 80	640
C+ 79.9 – 77	616
C 76.9 – 70	560
D 66.9 – 63	504
F Below 60	480

*Grading scale subject to change based on class performance. Points listed are based on 800 total and is subject to change.

*Note: CSU policy eliminates C-, D+, and D- from the grading system.

This course will only be successful if students attend lectures, participate in class discussions, guest lectures and field visits. We are committed to your success in this course and excited about your interest in urban forestry. I encourage you to discuss with me any difficulties with course content or assessments, or with concerns about course administration.

Course Policies

The instructor should be notified in advance if a lecture or presentation absence is necessary. Material will be covered in class lectures that are not in the assigned readings.

CSU Attendance Policy

Instructors and departments are responsible for establishing attendance policies for classes and examinations. These policies must accommodate student participation in University-sanctioned extracurricular/co-curricular activities. Students must inform their instructors prior to the anticipated absence and take the initiative to make up missed work in a timely fashion. Instructors must make reasonable efforts to enable students to make up work which must be accomplished under the instructor's supervision (e.g., examinations, laboratories). In the event of a conflict in regard to this policy, individuals may appeal using established University procedures. For the purposes of this regulation, University-sanctioned activities include competitions, events and professional meetings in which students are officially representing the institution. Appropriate sanctioned activities include:

- a. Intercollegiate athletics;
- b. Collegiate club sports and competitions;
- c. Conferences and workshops recognized by the University not related to academics;
- d. Commitments on behalf of the University (ASCSU, band, etc.); and
- e. Professional activities recognized by the University related to academics.

Department heads or their designated representatives must approve sanctioned professional and departmental activities. Other sanctioned activities must be approved by the appropriate program director on record with the Division of Student Affairs offices or the Department of Athletics.

Extra Credit Policy

Extra credit opportunities may be offered at the discretion of the instructors.

Grades of "Incomplete"

Per university policy, an instructor may assign a temporary grade of Incomplete to a student who demonstrates that he or she could not complete the requirements of the course due to circumstances beyond the student's control and not reasonably foreseeable. A student must be passing the course at the time that an Incomplete is requested unless the instructor determines that there are extenuating circumstances to assign an Incomplete to a student who is not passing the course. When an instructor assigns an Incomplete, he or she shall specify in writing using the Department Incomplete Grade Form the requirements the student shall fulfill to complete the course as well as the reasons for granting an Incomplete when the student is not passing the course. The instructor shall retain a copy of this statement in his or her grade records and provide copies to the student and the department head or his or her designee. (Section I.6 of the *Academic Faculty and Administrative Professional Manual*)

Disability Access

Colorado State University is committed to providing reasonable accommodations for all persons with disabilities. Students with disabilities who need accommodations must first contact Resources for Disabled Students before requesting accommodations from the professor. Resources for Disabled Students (RDS; <http://rds.colostate.edu/home>) is located in room 100 of the General Services Building. Their phone is (970) 491-6385 (V/TDD). Students who need accommodations in this course must contact the professor at the beginning of the semester to discuss needed accommodations.

Religious Accommodation

Participation in official University activities, e.g., an out-of-town athletic event, or special religious observances may provide a legitimate reason for an excused absence. The student is responsible for discussing this with the instructor at the beginning of the semester.

Final Exam Policy

Final examination week is part of the regular semester. Student attendance shall be consistent with University policy.

If a student has three or more final examinations (not classes) scheduled for the same day or if conflicts of examination times occur, the student may negotiate a time change with the instructors involved. If the parties involved cannot find a mutually agreeable time, the Registrar's Office indicates which courses must be changed.

Note: The Registrar's Office must be notified at least one week prior to Final Examination Week to allow instructors time to make appropriate accommodations. It is the student's responsibility to initiate negotiations.

Any student who has a conflict with the examination schedule must inform the instructor as soon as possible before the examination. If an agreement cannot be reached between the instructor and student as to the appropriateness of a make-up examination the student should appeal to the department head.

<http://www.registrar.colostate.edu/final-exams>

Professionalism Policy

Per university policy and classroom etiquette; mobile phones, iPods, *etc.* **must be silenced** during all classroom and lab lectures. Those not heeding this rule will be asked to leave the classroom/lab immediately so as to not disrupt the learning environment. Please arrive on time for all class meetings. Students who habitually disturb the class by talking, arriving late, *etc.*, and have been warned may suffer a reduction in their final class grade. When emailing the instructor(s), please include your full name and the course number in your email (also your CSU ID if appropriate).

Academic Integrity

Colorado State University takes academic integrity seriously. At minimum, academic integrity means that no one will use another's work as their own. The CSU writing center defines plagiarism this way:

Plagiarism is the unauthorized or unacknowledged use of another person's academic or scholarly work. Done on purpose, it is cheating. Done accidentally, it is no less serious. Regardless of how it occurs, plagiarism is a theft of intellectual property and a violation of an ironclad rule demanding "credit be given where credit is due."

If you plagiarize in your work you could lose credit for the plagiarized work, fail the assignment, or fail the course. Each instance of plagiarism, classroom cheating, and other types of academic dishonesty will be addressed according to the principles published in the CSU General Catalog <http://catalog.colostate.edu/general-catalog/>.

Of course, academic integrity means more than just avoiding plagiarism. It also involves doing your own reading and studying. It includes regular class attendance, careful consideration of all class materials, and engagement with the class and your fellow students. Academic integrity lies at the core of our common goal: to create an intellectually honest and rigorous community. Academic integrity, and the personal and social integrity of which academic integrity is an integral part, is central to our mission as students, teachers, scholars, and citizens.

Title IX Information

CSU's Student Sexual Harassment and Violence policy, following national guidance from the Office of Civil Rights, requires that faculty follow CSU policy as a "mandatory reporter" of any personal disclosure of sexual harassment, abuse, and/or violence related experiences or incidents shared with the faculty member in person, via email, and/or in classroom papers or homework exercises. These disclosures include but are not limited to reports of personal relational abuse, relational/domestic violence, and stalking. While faculty are often able to help students locate appropriate channels of assistance on campus (e.g., see the CSU Health Network link below), disclosure by the student to the faculty member requires that the faculty member inform appropriate CSU channels to help ensure that the student's safety and welfare is being addressed, even if the student requests that the disclosure not be shared.

For counseling support and assistance, please see the CSU Health Network, which includes a variety of counseling services that can be accessed at: <http://www.health.colostate.edu/>. And, the Sexual Assault Victim Assistance Team is a confidential resource for students that does not have a reporting requirement and that can be of great help to students who have experienced sexual assault. The web address is <http://www.wgac.colostate.edu/need-help-support>.

Source: <http://oeo.colostate.edu/title-ix-sexual-assault>

Non-Discrimination Statement

Colorado State University does not discriminate on the basis of race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy. The University complies with the Civil Rights Act of 1964, as amended, related Executive Orders 11246 and 11375, Title IX of the Education Amendments Act of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, Section 402 of the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended, the Age Discrimination in Employment Act of 1967, as amended, The Pregnancy Discrimination Act of 1978, Americans with Disabilities Act of 1990, the Civil Rights Act of 1991, the ADA Amendments Act of 2008, the Genetic Information Nondiscrimination Act of 2008, and all civil rights laws of the State of Colorado. Accordingly, equal opportunity of employment and admission shall be extended to all persons. The University shall promote equal opportunity and treatment in employment through a positive and continuing affirmative action program for ethnic minorities, women, persons with disabilities, and veterans. The Office of Equal Opportunity is located in 101 Student Services. Source: <http://oeo.colostate.edu/non-discrimination-statement>