

Ornamental Landscape Management

ORH4236C

3 credits

Spring 2022

Instructor: Brian Pearson, Ph.D.
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Office Hours: Physical office hours: by appointment. Virtual office hours: Wednesdays, 2:00pm-3:00pm via Zoom or by appointment

Course Communications: If you have any questions or concerns, **please do not hesitate to contact me** via e-mail or phone. I will respond within 24 hrs. M-F and within 72 hrs. on weekends. **My preferred method of communication is email.** If I will be out of the office, I will notify students prior via the course website. You may also choose to post your question(s) on the course discussion board. I review all discussion posts and provide additional feedback.

Course Website: <http://lss.at.ufl.edu>

For issues with technical difficulties for E-learning in Canvas, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

** Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Required Text: Hensley, D. L. 2010. *Professional Landscape Management*. Champaign, IL: Stipes Publishing, L.L.C. (ISBN# 1588749509)

All additional reading materials will be posted with each lecture on the course website. Please refer to the [tentative course schedule](#) for the list of reading assignments.

Additional Resources (not required):

Black, R. J., and K. C. Ruppert. 1998. *Your Florida Landscape*. Gainesville: University Press of Florida.

Course Description: This online undergraduate level course provides an in-depth examination of procedures and skills necessary for successful professional landscape management. This course is divided into two modules. *Module One* focuses on business management practices, while *Module Two* focuses on landscape management techniques. Sustainable landscape management practices are discussed throughout the course.

Purpose of Course: To provide students with foundational knowledge and the skills needed to successfully manage and maintain residential and commercial landscapes. Additionally, this course provides students with a greater understanding of the landscape management industry and familiarizes students with sustainable landscape management techniques.

Course Goals and/or Objectives:

By the end of this course, students will:

- Identify components of a successful landscape management marketing strategy
- List professional industry associations
- Distinguish and describe components of a landscape management contract
- Calculate and prepare a landscape maintenance bid
- Describe methods to manage personnel and foster an effective workplace
- List procedures to identify, select, and acquire necessary landscape maintenance equipment
- Discuss the importance of landscape design and its implications for landscape maintenance techniques and strategies
- Identify proper pruning techniques and use of equipment
- Distinguish unique attributes of palm management in the landscape
- Describe water management techniques and practices to increase irrigation use efficiency
- Discuss the use of fertilizer and application techniques
- Calculate fertilizer and pesticide application rates
- Describe bed preparation and plant installation techniques
- Describe management strategies for annuals, herbaceous perennials, & ornamental grasses in the landscape
- Interpret pesticide labels and describe the components of the Worker Protection Standard
- Discuss the importance of sustainable landscape management practices and the need for environmental stewardship
- Identify Florida-Friendly Best Management Practices
- Describe sustainable landscape management practices and techniques

How This Course Relates to the Student Learning Outcomes in the Plant Science major:

This course provides students with an understanding of the abiotic and biotic factors that influence plant growth and management. Students will develop knowledge of environmentally sound practices through examination of Florida-Friendly Best Management Practices and sustainable landscape management techniques. This course will require students analyze and apply science-based data to solve plant management challenges and problems.

Prerequisite Knowledge and Skills: *ORH3222C Turfgrass Culture*; Navigation and use of Canvas ([https://lss.at.ufl.edu/help/Main Page](https://lss.at.ufl.edu/help/Main_Page)) & (<https://lss.at.ufl.edu/help/Basic>)

Course Attendance & Policies:

Class policies that students MUST follow:

Attendance: Your attendance and participation are expected, but if you are ill or an emergency occurs, contact your instructor PRIOR TO due dates of assignments. Requirements for make-up exams, assignments and other work are consistent with university policies that can be found at: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>.

Preparation for class: Please be prepared each week by completing all assigned readings and viewing all posted lectures. The supplemental readings are extremely helpful to your understanding of lecture topics and to successful completion of the semester project.

Late Assignments: Assignments will be accepted two days after the due date with penalty.

Makeup Quizzes: Special permission is required ahead of time to accommodate makeup quizzes. This will be made possible only under reasonable circumstances but NOT for all requests. Quizzes can be taken two days after the due date with penalty.

Grading & Assignments:

See [schedule](#) for assignment dates. The week begins on Monday and ends on Sunday. All assignments need to be completed and submitted by the end of each week (Sunday, 11:59pm, Eastern time zone).

Assignments need to be completed in MS Word format and submitted through Canvas. If there is a malfunction with the course website, you may submit assignments via email. If an error occurs with the website, it is the responsibility of the student to contact the instructor immediately.

*All final grades are based on the number of points earned out of the total number of point (total possible points = 470).

Assignment	Points or percentage
Module 1	
1 introduction	5 points
2 quizzes	120 points (2 x 60 points)
2 challenge questions	50 points (2 x 25 points)
Module 2	
2 quizzes	120 points (2 x 60 points)
1 challenge question	25 points
1 Scholar's Ignite assignment	50 points
1 semester project	100 points

Quizzes: Four quizzes will be given throughout this course. Quizzes will be administered via Canvas using the “Quizzes” tool. Quizzes will be available beginning on the date listed on the [schedule](#) and must be completed within one week. Once you begin, you will have a limited time to complete the quiz.

Challenge questions: Three challenge questions will be given throughout this course. You will have one week to complete the challenge questions once they are made available.

Scholars Ignite: The Scholars Ignite Video Presentation is an exciting and fun assignment designed to provide an opportunity for you to generate awareness, stimulate thought, and inspire your peers with horticultural topics or ideas through a short 1-slide, 3-minute multimedia presentation. You will be required to select a topic, prepare a presentation, and present/upload your work to your peers. This assignment is similar to presentations and competitions held at scientific conferences and other academic institutions.

Semester project: A semester project will be assigned during the course. Students will be provided with a landscape plan. The plan will show locations of plants, but without labels. You will be responsible for selecting plant material based upon site conditions (provided) and develop an annual maintenance schedule beginning with the installation of plant materials. The maintenance schedule should include all inputs (i.e., water, fertilizer, pesticides, herbicides, trimming, mowing, etc.). The assignment should be well written. Additional details of the semester project can be found via the Canvas “Assignments” tool.

Grading Scale: The following grading scale will be used for this course:

Percentage of Points

- 94-100 A (441-470 points)
- 90-93.9 A- (423-440 points)
- 86-89.9 B+ (404-422 points)
- 83-85.9 B (390-403 points)
- 80-82.9 B- (376-389 points)
- 76-79.9 C+ (357-375 points)
- 73-75.9 C (347-356 points)
- 70-72.9 C- (329-346 points)
- 66-69.9 D+ (310-328 points)
- 63-65.9 D (296-309 points)
- 60-62.9 D- (282-295 points)
- 59.9-below E (0-281 points)

For information on current UF policies for assigning grade points see:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Tentative Course Schedule

Module	Week	Date	Topic	Reading
1: Landscape Business Management Practices	1	1/5	Introduction to Landscape Management	EDIS FE566: Economic Impacts of the Green Industry in the United States; BMP Manual Chp. 1
	2	1/10	Clients, Marketing, and Professional Certification Programs	EDIS AEC363: Reaching Diverse Homeowner Audiences with Environmental Landscape Programs: Comparing Laws Service Users and Nonusers
	3	1/17	Landscape Management Contracts	EDIS ENH1080: Florida-Friendly Landscaping Guidelines Community Associations Can Use to Select a Landscape and Write an Effective Landscaping Contract
				Challenge Question #1 (Due 1/23)
	4	1/24	Estimating	Hensley Chp. 4
				Quiz #1 (Due 1/30)
5	1/31	Personnel	Hensley Chp. 5	

			Management	
	6	2/7	Equipment Selection & Acquisition	Hensley Chp. 6
			Challenge Question #2 (Due 2/13)	
2: Landscape Management Techniques	7	2/14	Landscape Design and Management	EDIS ENH1181: Twenty-Two Ideas for a Low-Care, Low-Cost Landscape; EDIS ENH1156: Right Plant, Right Place: The Art and Science of Landscape Design; BMP Manual Chp. 2
			Quiz #2 (Due 2/20)	
	8	2/21	Pruning	Hensley, Chp. 145; EDIS ENH1022: Pruning Shade Trees in Landscapes: A Plan for Training Shade Trees; BMP Manual Chp. 4
	9	2/28	Palms	EDIS ENH1077: Normal "Abnormalities" in Palms; EDIS PP-222: Lethal Yellowing (LY) of Palm; EDIS ENH1009: Fertilization of Field-grown and Landscape Palms in Florida
			Challenge Question #3 (Due 3/6)	
	10	3/7	Spring Break	Spring Break
	11	3/14	Water Management	Hensley, Chp. 9; BMP Manual Chp. 3
	12	3/21	Fertilizing	Hensley Chp. 7; BMP Manual Chp. 5
			Quiz #3 (Due 3/27)	
	13	3/28	Pest Management	Hensley Chp. 13; BMP Manual Chp. 6
			Scholar's Ignite (Due 4/3)	
	14	4/4	Commercial Color, Plant Installation, Maintenance, and Leaf & Debris Removal	Hensley Chp. 11; EDIS CIR1134: Gardening with Annuals in Florida
			Quiz #4 (Due 4/10)	

	15	4/11	Pesticide Application and Management	EDIS PI-7: Licensing of Lawn and Ornamental Pesticide Applicators in Florida; EDIS PI-177: Professionalism and Pesticides: Public and Customer Communications
			Semester Project (Due 4/17)	
	16	4/18	Sustainable Landscape Management Practices	Hensley Chp. 16; EDIS ENH1163: Landscape Elements for a Florida-Friendly Yard
			Scholar's Ignite Peer Review (Due 4/24)	

COVID Response Statements:

Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who unmute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

Online Course Evaluation Process:

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at: <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens and can complete evaluations through the email, they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at: <https://gatorevals.aa.ufl.edu/public-results/>. students will be given specific time in the class to fulfill this requirement.

Academic Honesty:

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."* It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>.

** Please DO NOT borrow the writing of others – this is called Plagiarism. If you do not understand what this means, ask your instructor to clarify. If you are presenting others' thoughts or writing including diagrams/pictures you must cite them. Instructors will do the same!

Software Use:

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Services for Students with Disabilities:

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

0001 Reid Hall, 352-392-8565, <https://disability.ufl.edu/>

Campus Helping Resources:

Students experiencing crises or personal problems that interfere with their general wellbeing are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

Health and Wellness

U Matter, We Care:

If you or a friend is in distress, please contact umatter@ufl.edu or 352-392-1575 so that a team member can reach out to the student. Dean of Students Office (CARE team) <https://care.dso.ufl.edu/>

Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc> 352-392-1575

Sexual Assault Recovery Services (SARS) Student Health Care Center, 352-392-1161

University Police Department at 352-392-1111 (or 9-1-1 for emergencies), or <http://www.police.ufl.edu/>

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learningsupport@ufl.edu. <https://lss.at.ufl.edu/help.shtml>

Career Connections Center, First Floor JWRU, 392-1601, <https://career.ufl.edu/>

Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring. <https://teachingcenter.ufl.edu/>

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. <https://writing.ufl.edu/writing-studio/>

Student Complaints

Residential Course: <https://sccr.dso.ufl.edu/policies/student-honor-code-studentconduct-code/>
Online Course: <http://www.distance.ufl.edu/student-complaint-process>

University of Florida Complaints Policy

The University of Florida believes strongly in the ability of students to express concerns regarding their experiences at the University. The University encourages its students who wish to file a written complaint to submit that complaint directly to the department that manages that policy.

A student who is unsure as to the official responsible for handling his or her particular complaint may contact the Ombuds office or the Dean of Students Office. For complaints that are not satisfactorily resolved at the department level or which seem to be broader than one department, students are encouraged to submit those complaints to one of the following locations: Ombuds: <http://www.ombuds.ufl.edu/> 31 Tigert Hall, 352-392-1308

The purpose of the Ombuds office is to assist students in resolving problems and conflicts that arise in the course of interacting with the University of Florida. By considering problems in an unbiased way, the Ombuds works to achieve a fair resolution and works to protect the rights of all parties involved. Dean of Students Office: <http://www.dso.ufl.edu/> 202 Peabody Hall, 352-392-1261

The Dean of Students Office works with students, faculty, and families to address a broad range of complaints either through directly assisting the student involved to resolve the issue, working with the student to contact the appropriate personnel, or referring the student to resources or offices that can directly address the issue. Follow up is provided to the student until the situation is resolved. Additionally, the University of Florida regulations provide a procedure for filing a formal grievance in Regulation 4.012: <http://regulations.ufl.edu/regulations/uf-4-student-affairs>