

ENVIRONMENTAL PLANT IDENTIFICATION AND USE
HORTICULTURAL PLANT MORPHOLOGY
LABORATORY (1 credit)
ORH3513L, ORH5117L
SUMMER C, 2024

INSTRUCTOR:

(Gainesville)

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This course is the laboratory portion of the ORH3513 course and is a combination of synchronous and asynchronous elements. The E-Learning (Canvas) site will be used to give instructions for each week, including links to the online video modules, plant lists in PDF format, links to plant videos, and access to the Plant Image Library. The Plant Image Library is an important resource within the Canvas site.

If you have questions for me after having contacted your local instructor, please email me through UF email (bart@ufl.edu). Office hours are on Zoom on Wednesdays for discussion and questions beginning promptly at 2pm. Otherwise, you are welcome to schedule an appointment with me for a Zoom meeting or in person if you happen to be in Gainesville.

Consult with your local instructor for the time and location of live labs. Except for weekly live lab meetings, all other course materials are online and asynchronous.

CATALOG DESCRIPTION:

Introductory, upper-division environmental laboratory course. Identify commonly used landscape plants, their uses and characteristics. Employ morphological terminology learned in lecture.

LAB OBJECTIVES: Upon completing this course, students should be able to:

- 1) **Comprehend fundamental plant morphological characteristics taught in lecture and use them to identify common landscape and other plant materials**
- 2) **Learn approximately 200 plants online, along with basic descriptive morphology terminology**
- 3) **Apply basic principles of botanical and horticultural taxonomy and nomenclature to describe plants**

Learning plants does not just require you to recognize them! You will have to study both morphological terminology and nomenclature (both common and scientific names) and be able to make the connections necessary between the plants, their names, and relevant terminology.

REQUIRED READING

The following textbooks are required:

Dehgan, B. 1998. Landscape Plants for Subtropical Climates. The University Press of Florida.

Harris, J. G. and Harris, M. W. 2006 (2nd edition). Plant Identification Terminology – An Illustrated Glossary. Spring Lake Publishing, Spring Lake, UT.

Additional references and study guides will also be provided when appropriate.

COURSE PREREQUISITES: **Junior level standing or higher, or permission of the instructor.**

CONTENT AND ORGANIZATION:

Both the undergraduate (ORH3513C) and graduate course (ORH5117C) consists of live and online laboratory materials. Live laboratories are at the time scheduled by your local instructor. Ancillary lab materials / resources are online and asynchronous and accessed through Canvas.

Lab consists of approximately 200 plants and are handled in the following manner:

- 1) **Live labs are held each week, and most or all the week's plants are shown to you.**
- 2) **Everyone is responsible for watching the online plant videos. Some of the week's plants are shown in ten "Plant Focus Modules" each of which has a single video and covers a specific plant group, discussing 4-6 plants per group. You are responsible for the identification of these, as well as the individual species listed on the weekly plant list. The Plant Focus Modules are: Orchids, Aroids, Cacti, Cycads, Ferns, Ficus, Houseplants, Landscape Plants, Palms, and Succulents.**
- 3) **An online plant library will allow you to view additional photos of class plants.**

- 4) A weekly assignment, known as the Scavenger Hunt, requires you to locate a portion of each week's plant list, photograph each as a "selfie", and submit in PowerPoint through Canvas for credit and possible extra credit. The scavenger hunt is **much** easier **after** viewing the plant videos. These photographs are NOT to be taken during the plant tour. You must revisit these or locate other specimens for the assignments.

The way you should learn plant names and what is required is spelled out on the handout entitled "*Writing of Scientific Names*," available on Canvas. You will learn plants both live and from ten online plant modules. These will be tested on repeatedly. All lab quizzes, midterms and final are comprehensive and include plants you currently learned as well as those from past lists.

E-LEARNING SITE

Sign onto the E-Learning site (Canvas) with your Gatorlink credentials. If at any time you experience problems with the site, then it is your responsibility to contact the UF Computing Help Desk at: <http://helpdesk.ufl.edu> or (352) 392-4357. Please make sure to have Canvas Notifications enabled.

COURSE EVALUATIONS:

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.ua.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.ua.ufl.edu/public-results/>.

ASSESSMENT AND GRADING:

Weekly Quizzes (lowest quiz dropped)	40% of grade
Midterm Exam	30% of grade
Final Exam	30% of grade

GRADES AND GRADE POINTS

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>.

Remember that grades posted under Canvas grades are ONLY RAW scores for your weekly quizzes, midterms and finals. The calculation of their relative values has not been made; therefore the values Canvas calculates from those raw scores are NOT correct. You will have to do extra math to determine how you are doing in the course!

Grade Range: Course letter grades will be based on the following scale:

A	92.45-100	C	72.45-76.44
A-	89.45-92.44	C-	69.45-72.44
B+	86.45-89.44	D+	66.45-69.44
B	82.45-86.44	D	62.45-66.44
B-	79.45-82.44	D-	59.45-62.44
C+	76.45-79.44	E	<=59.44

ATTENDANCE AND MAKE-UP WORK

Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/academic-regulations/attendance-policies>.

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 possible disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>.

*****PLEASENOTE*****
ALL EXAMS ARE CLOSED NOTE / BOOK. DISHONESTY WILL NOT BE TOLERATED IN THIS COURSE.

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.

CAMPUS HELPING RESOURCES

Health and Wellness Students experiencing crises or personal problems that interfere with their general well-being 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.

- *U Matter We Care*, <http://www.umatter.ufl.edu>. If you or a friend are in distress, please contact umatter@ufl.edu or 352-294-2273 so that a team member can reach out to the student
- *Counseling & Wellness Center*, 3190 Radio Road, 352-392-1575, www.counseling.ufl.edu
Counseling Services
Groups and Workshops
Outreach and Consultation
Self-Help Library
Wellness Coaching
- *Career Connections Center*; First Floor JWRU, 352-392-1601; <https://career.ufl.edu/>
- Student Success Initiative; <http://studentsuccess.ufl.edu/>

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or <http://helpdesk.ufl.edu>. *Career Resource Center*, Reitz Union, 352-392-1601. Career assistance and counseling. <http://www.crc.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, 352-392-2010 or 392-6420. General study skills and tutoring. <http://teachingcenter.ufl.edu>.
- *Writing Studio*, 302 Tigert Hall, 352-846-1138. Help brainstorming, formatting, and writing papers. <http://writing.ufl.edu/writing-studio>.

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/>

STUDENT COMPLAINTS

Residential Course: <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>.

Online Course: <https://pfs.tnt.aa.ufl.edu/state-authorization-status/#student-complaint>

INFORMATION SOURCES: Lecture and lab schedule is presented below.

NOTE: Visual nature and memorization requirements of this course make it imperative that students view all lectures and read all handouts.

LAB SCHEDULE (Subject to change at the instructor's notice):

<u>WK</u>	<u>DATES</u>	<u>ACTIVITY</u>
1	<u>5/13-5/17</u>	Plant List 1 Plant Focus: Orchids
2	<u>5/20-5/24</u>	Plant List 2 Plant Focus: Palms Lab Quiz 1
3	<u>5/27-5/31</u>	Plant List 3 Plant Focus: Ferns Lab Quiz 2
4	<u>6/3-6/7</u>	Plant List 4 Plant Focus: <i>Ficus</i> Lab Quiz 3
5	<u>6/10-6/14</u>	Plant List 5 Plant Focus: Cycads Lab Quiz 4
6	<u>6/17-6/21</u>	LAB MIDTERM (TBA)
7	<u>6/24-6/28</u>	SUMMER BREAK
8	<u>7/1-7/5</u>	Plant List 6 Plant Focus: Aroids (No Quiz)
9	<u>7/8-7/12</u>	Plant List 7 Plant Focus: Landscape Plants Lab Quiz 5
10	<u>7/15-7/19</u>	Plant List 8 Plant Focus: Houseplants Lab Quiz 6
11	<u>7/22-7/26</u>	Plant List 9 Lab Quiz 7
12	<u>7/29-8/2</u>	Plant List 10 Plant Focus: Cacti Lab Quiz 8
13	<u>8/5-8/9</u>	LAB FINAL (TBA)