



## Environmental Plant Identification Lab (ORH 3513C/HOS 5115C)-2 credits

### *Lab Syllabus*

#### Syllabus Contents

- Course Description and Objectives
- Reference Materials
- Class Requirements
- Grading Policy

Course website:

[http://  
irrecenvhort.ifas.ufl.edu](http://irrecenvhort.ifas.ufl.edu)

e-learning support  
services:

<https://lss.at.ufl.edu>

Gatorlink:

[http://  
www.gatorlink.ufl.edu](http://www.gatorlink.ufl.edu)

Indian River Research  
and Education Center  
2199 South Rock Rd.

Fort Pierce, FL 34945

772-468-3922

772-467-3083 (fax)

#### **Lab Instructor:**

Judy Gersony,  
Senior Biological Scientist  
772-468-3922 ext. 131  
[jgersony@ufl.edu](mailto:jgersony@ufl.edu)  
IRREC Room 126

#### **Course Facilitator:**

Dr. Sandy Wilson  
Professor, [sbwilson@ufl.edu](mailto:sbwilson@ufl.edu)

#### **Useful Textbooks:**

Dehgan, B. 1998. Landscape Plants for Subtropical Climates – Contains detailed sketches and family characteristics. Highly suggested.

Llamas, K.A. 2003. Tropical Flowering Plants- A guide to identification and cultivation. Contains 1500 color images. Highly suggested.

#### **Class Meeting Time and Location**

Independent weekly plant identification. Midterm and Final to be scheduled.

#### **Course Description:**

This is an upper level environmental horticulture course designed to introduce students with a plant science background to the wide array of trees and shrubs used in the landscapes of central-south Florida. Weekly labs will cover plant nomenclature, taxonomic identification, cultural requirements, and production references of over 100 species.

#### **Course Objectives:**

1. To identify trees and shrubs that perform well in south Florida.
2. To become familiar with botanical and horticultural nomenclature related to these species.
3. To illustrate the importance of plant profiles and how they relate to plant selection, establishment, and maintenance.
4. To stimulate critical thinking through class discussions, reading assignments, and field practice.
5. To encourage an interest, understanding, and appreciation of Florida's non-indigenous and indigenous flora.

**Useful Readings:**

Bridwell, F.M. 2003. Landscape Plants: Their Identification, Culture, and Use. Delmar /Thomas Learning.

Broschat, T.K. and A.W. Merrow. 1996. Betrocks’s Reference Guide to Florida Landscape Plants. Betrock Information Systems, Inc.

Crawford, P. 2001. Easy Gardens for South Florida. Color Garden, Inc.

Dirr, M.A. 1998. Manual of Woody Landscape Plants. Stipes Publishing, Champaign, IL.

Dirr, M.A. 2002. Dirr’s Trees and Shrubs for Warm Climates. Timber Press, Inc., Portland, OR.

Gilman, E.F. Trees for Urban and Suburban Landscapes. Delmar Publishers, 1997.

Harris, J.G. and M.W. Harris. 2001. Plant Identification Terminology. Spring Lake Publishing, Spring Lake, Utah.

Jarrett, A. 2003. Ornamental Tropical Shrubs. Pineapple Press, Sarasota, FL.

Kirsten A. Llamas. 2003. Tropical Flowering Plants, Timber Press.

Nelson, G. 2010. The Trees of Florida Pineapple Press, Inc. Sarasota, FL.

Nelson, G. 1996. The Shrubs & Woody Vines of Florida. Pineapple Press, Inc., Sarasota, FL.

Watkins, J.V. ,T. J. Sheehan, and R.J. Black. 2005. Florida Landscape Plants. University Press of Florida, Gainesville, FL.

Wunderlin, R.P. and B.F. Hansen. 2011. Guide to the Vascular Plants of Florida. University Press of Florida, Gainesville, FL.

Zomlefer, W.B. 1994. Guide to Flowering Plant Families. University of North Carolina Press, Chapel Hill, NC.

**Attendance and Participation**

Students are expected to independently learn plant material as outlined on weekly lab sheets.

**Student Evaluation**

Grades will be based on performance during labs:

- Bi-weekly assignments (5).....20%
- Midterm lab exam (20 plants).....40%
- Final lab cumulative exam (20 plants).....40%

**\*\*\*Note: Graduate students must also complete a plant identification sheet (10%- details given separately).**

**Grading Policy**

Final grades will be based on the following scale:

- 94-100% A
- 90-93% A-
- 87-89% B+
- 83-86% B
- 80-82% B-
- 77-79% C+
- 73-76% C
- 70-72% C-
- 67-69% D+
- 63-66% D
- 60-62% D-
- ≤ 59% E

Please feel free to stop by and discuss your grades with the instructor anytime.



**Academic Honesty:**

In 1995 the UF student body enacted an honor code and voluntarily committed itself to the highest standards of honesty and integrity. When students enroll at the University, they commit themselves to the standard drafted and enacted by students.

In adopting this Honor Code, the students of the University of Florida recognize that academic honesty and integrity are fundamental values of the University community. Students who enroll at the University commit to holding themselves and their peers to the high standard of honor required by the Honor Code. Any individual who becomes aware of a violation of the Honor Code is bound by honor to take corrective action. Student and faculty support are crucial to the success of the Honor Code. The quality of a University of Florida education is dependent upon the community acceptance and enforcement of the Honor Code.

The Honor 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 by abiding by the Honor Code.**

On all work submitted for credit by students 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."** (source: 2011-2012 UF Undergraduate Catalog <http://www.dso.ufl.edu/sccr/honorcodes/honorcode.php>)

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>.

**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.

**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 will have the opportunity to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. It is expected that you will contribute your feedback for this course and the others in which you are enrolled this term. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>

**Campus Helping Resources:**

Students experiencing crisis 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 for students having personal problems or lacking clear career and academic goals, which interfere with their academic performance.

- ◆ *University Counseling and Wellness Center*, 3190 Radio Road, Gainesville, (352)392-1575, [www.counseling.ufl.edu/cwc/](http://www.counseling.ufl.edu/cwc/)
  - Counseling Services
  - Groups and Workshops
  - Outreach and Consultation
  - Self-Help Library
  - Training Programs
  - Community Provider Database
  
- ◆ *The Career Resource Center*, First Floor J. Wayne Reitz Union, Gainesville, (352) 392-1601 [www.crc.ufl.edu/](http://www.crc.ufl.edu/)

**Students with Disabilities:**

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes the registration of disabilities, academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services, and mediating faculty-student disability related issues.

*Disability Resource Center*, 0001 Reid Hall, Gainesville, (352) 392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)