

# (ORH 3815/5815C) Florida Native Landscaping

Spring 2010

## Course Syllabus



### Syllabus Contents

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Course website:

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

Indian River Research  
and Education Center  
2199 South Rock Rd.  
Fort Pierce, FL 34945  
772-468-3922  
772-467-3083 (fax)

### Course Instructor:

Dr. Sandy Wilson

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#### Lab Assistant:

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#### Webmaster:

Ms. Keona Muller, ext. 132

[keonalee@ufl.edu](mailto:keonalee@ufl.edu)

### Prerequisite:

ORH 1520 or ORH 3513  
(or permission of instructor)

Nelson, G. 2003. Florida's Best Native Landscape Plants. University Press of Florida, Gainesville, FL. – Required

Osorio, R. 2001. A Gardener's Guide to Florida's Native Plants. University Press of Florida, Gainesville, FL. – Recommended

\*There also will be supplemental reading material available online.

### Overall Description:

This is an upper-division environmental horticulture course designed to encourage students to have an interest, understanding, and appreciation of Florida's native flora. Weekly lectures will cover plant nomenclature, effective utilization, and design elements of plants native to Florida. Weekly lab exercises will cover underutilized native plant material for landscapes, nursery production of native plants, incorporation of native plants into botanical gardens, and native landscape design.

### Class Meeting Time and Location:

Wednesdays (3:30 pm-6:30 pm)

IRREC classroom #62

Students will be also encouraged to attend occasional field trips to native nurseries and/or botanical gardens.



**Learning Objectives: At the conclusion of the course, students will be able to:**

1. identify 75+ species that are native to Florida and used in landscapes
2. understand their aesthetic and functional values and how they can be better incorporated into landscapes
3. botanically profile underutilized natives using learned taxonomic descriptions, species distinctions among shared genera, herbarium sampling, and photography
4. associate original plant ecosystems with selection, use, establishment and maintenance of natives in modified landscapes
5. understand the ecological impacts of introduced invasive species on native plant populations

**Useful Book References:**

Austin, D., P.N. Honychurch, and S. Bass. 1991, 1997, 1999. Coastal Dune Plant Guide, Coastal Hammock and Mangrove Guide, Scrub Plant Guide. Gumbo Limbo Nature Center, Palm Beach, FL.

Bell, C.R. and B. J. Taylor. 1982. Florida Wild Flowers and Roadside Plants. Laurel Hill Press, Chapel Hill, NC.

Daniels, J.C. 2000. Your Florida Guide to Butterfly Gardening. University Press of Florida, Gainesville, FL.

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

Haehle, R.G. and J. Brookwell. 2004. Native Florida Plants. Taylor Trade Publishing, Lanham.

Huegel, C.N. 1995. Florida Plants for Wildlife. Florida native Plant Society, Orlando, FL.

Nelson, G. 1994. The Trees of Florida. Pineapple Press, Inc. Sarasota, FL.

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

Nelson, G. 2000. The Ferns of Florida. Pineapple Press, Inc., Sarasota, FL.

Rogers, G. 2009. Landscape Plants for South Florida. Palm Beach Community College Horticulture Department.

Simberloff, D., D.C. Schmitz, and T.C. Brown (eds.). 1997. Strangers in Paradise. Island Press, Washington, D.C.

**Attendance and Participation**

Students are expected to attend and participate in class. If you miss class, you are responsible for all material covered during lecture. Participation may be a deciding factor in determining borderline grades. A total of 10% will be deducted each day an assignment is late.

**Student Evaluation**

Grades will be based on performance in lecture and lab.

**Lecture:**

Student project.....	15%
Mid-term exam.....	25%
Final exam.....	25%

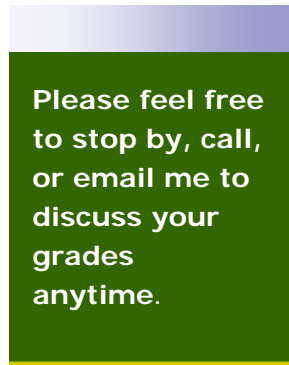
**Lab:**

5 quizzes (10 points each).....	25%
Final lab cumulative exam.....	10%

**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



Suncoast Native Plant Society. 1997. The Right Plants for Dry Places. Great Outdoors Publishing Co., St. Petersburg, FL.

Wunderlin, R.P. 2003. Guide to the Vascular Plants of Florida. University Press of Florida, Gainesville, FL.

Yarlett, L.L. 1996. Common Grasses of Florida and the Southeast. The Florida Native Plant Society, Spring Hill, FL.

## **Academic Honesty, Software Use, Services for Students with Disabilities, UF Counseling Services**

The University of Florida requires all members of its community to be honest in all endeavors. Cheating, plagiarism, and other acts diminish the process of learning. When students enroll at UF they commit themselves to honesty and integrity. Your instructor fully expects you to adhere to the academic honesty guidelines you signed when you were admitted to UF. As a result of completing the registration form at the University of Florida, every student has signed the following statement:

*“I understand the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University.”* Furthermore, on work submitted for credit by UF students, 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 to be assumed all work will be completed independently unless the assignment is defined as group project, in writing by the professor. This policy will be vigorously upheld at all times 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:**

Students experiencing crisis or personal problems that interfere with their general wellbeing are encouraged to utilize the university's counseling resources. Both the Counseling Center and Student Mental Health provide confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal or lacking clear career and academic goals, which interfere with their academic performance. The Counseling Center is located at 301 Peabody Hall (next to Criser Hall). Student Mental Health is located on the second floor of the Student Health Services in the Infirmary.

*University Counseling Center*, 301 Peabody Hall, 392-1575; personal and career counseling: [www.counsel.ufl.edu](http://www.counsel.ufl.edu)  
*Student Mental Health*, Student Health Care Center, 392-1171, personal counseling: [www.hsc.ufl.edu/shcc/smhs.htm](http://www.hsc.ufl.edu/shcc/smhs.htm)  
*Sexual Assault Recovery Services (SARS)*, Student Health Care Center, 392-1161, sexual assault counseling; and  
*Career Resource Center*, Reitz Union, 392-1601, career development Assistance and counseling.

### **Students with Disabilities Act:**

The Dean of Students Office 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 faulty-student disability related issues.

*Dean of Students Office*, 202 Peabody Hall, 392-7066, [www.dso.ufl.edu](http://www.dso.ufl.edu).