



Lecture Syllabus
ORH 4804 Annual and Perennial Gardening
Spring, odd years
2 Credits

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Course Description

ORH 4804 Annual and Perennial Gardening

Credits: 2; Prereq: BOT 2010C or BSC 2010

Identification, selection, use and management of herbaceous annuals and perennials in the Florida landscape. Modules include identification, production, installation and management of herbaceous annuals and perennials and specialty gardens and issues related to the use of potentially invasive plants species. Teaching methods include on-line lectures, handouts, assignments, and discussion activities.

Learning Objectives: At the conclusion of this course, the student will be able to:

- Recognize and compare the major annual and perennial plant categories and identify annual and perennial plants suited to diverse regional climates.
- Identify, compare and contrast retail availability of annual and perennial plants across geographic regions and growth zones.
- Recognize the importance of annual and perennial plant growth characteristics in assessing the potential use of problematic (invasive) annuals and perennials.
- Identify, describe and compare various types of specialty gardens and the key concepts, designs, and plants that are particular to each.
- Assess annual and perennial plant performance in existing landscapes, develop maintenance and installation design recommendations and compile lists of recommended plants based on application of basic landscape design principles related to specialty annual and perennial gardens.

Optional Texts

Your Florida Guide to Bedding Plants. 1997 R. Black & E. Gilman. UF/IFAS.
(ISBN: 0916287173).

Your Florida Guide to Perennials. 2006. S. Park Brown & R. Schoellhorn, University Press of Florida
(ISBN: 0813029279)

Website

CANVAS (for lectures, print-outs, additional readings, assignments, discussions, etc.)
<https://lss.at.ufl.edu/>

Optional readings:

1. *Southern Living Annuals & Perennials*. 1998. Oxmoor House, Inc. (ISBN: 0848718542).
2. *Your Florida Garden*. Watkins and Wolfe. (ISBN: 0813002338).
3. *Best Garden Color for Florida*. Vol. 2. 2003. P. Crawford. Color Garden Inc.
(ISBN:0-9712220-1-0)
4. *Easy Gardens for South Florida*. 2001. P. Crawford. Color Garden Inc. (ISBN) 0-9712220-2-0)

5. *Container Gardens for Florida*. 2005. P. Crawford. Color Garden Inc. (ISBN 0971222037)

Student Responsibilities

- *Attendance*: You are encouraged to participate in data collection assignments and participate in statewide discussions of compiled project data.
- *Preparation*: You are responsible for observing the online lectures, assigned readings, and obtaining site specific data for lecture assignments.
- *Completion of all assignments*: You must complete all assignments and participate in class in order to pass the course.

- **Plant Identification**: Students will be exposed to almost 200 different plant species during the semester. A core set of plants representing several key groups of annual and perennial species are presented each week in CANVAS beginning in week 2. A component of each lecture quiz will be the identification of the plants presented in the plant group lectures by providing the correct Family, species, and common names as presented in the weekly lectures.

- **Written Assignments**: Four written Garden Assignments are outlined below. These projects require you to visit local commercial landscapes and businesses that offer annual and perennial plants for sale. The dates these assignments are available in Canvas and the dates the assignments are due are listed on the course calendar and in the written instructions available to you in CANVAS. These assignments will require you to visit locations outside the classroom and also require you to collect specific data over several weeks. A full statewide summary of data will be prepared and provided to all students as part of discussion questions that will appear on your exams or interactive online discussions via CANVAS or ZOOM.

Student Evaluation

- There will be 5 quizzes, 4 assignments, an online discussion, and two exams (a mid-term and a cumulative final exam) comprised of multiple choice, short answer, true/false, matching and short essay questions. Any questions regarding your performance on any test are welcome. Please arrange an appointment whenever you need help.

Course Assignments

Distribution of Points

| | |
|--|------------|
| 5 Quizzes (10 points each) | 50 |
| 4 Gardening Assignments | |
| 1. Plant availability assessment | 30 |
| 2. Landscape assessment (part 1) | 35 |
| 3. Landscape assessment (part 2) | 35 |
| 4. Annual and perennial garden design exercises (3 @ 30 pts each) | 90 |
| Online discussion of current topic in Annual and Perennial Gardening | 10 |
| Mid-term exam | 100 |
| Final exam | 100 |
| Total Points | 450 |

Grading follows University standards and will based on the following scale:

| <u>TOTAL POINTS</u> | <u>PERCENTAGES</u> | <u>ASSIGNED GRADE</u> |
|----------------------------|---------------------------|------------------------------|
| 421-450 | 94-100 | A |
| 403-420 | 90-93 | A- |
| 389-402 | 87-89 | B+ |
| 371-388 | 83-86 | B |
| 358-370 | 80-82 | B- |
| 344-357 | 77-79 | C+ |
| 326-343 | 73-76 | C |
| 313-325 | 70-72 | C- |
| 299-312 | 67-69 | D+ |
| 281-298 | 63-66 | D+ |
| 268-280 | 60-62 | D- |
| <267 | <60 | E |

Annual and Perennial Gardening Lecture Schedule

| Date | Week | Lecture Topics | Lecture quizzes Lecture Assignment | Point Value |
|--|--------------|---|---|-------------|
| Module 1. Identification, production, installation & management | | | | |
| J 11 | 1 | Course Overview, Important Terms and Concepts – Mack Thetford | Introduce yourself | |
| J 18 | 2 | Plant Life Cycles and Plant Use Classifications – Mack Thetford Plant group - Cool Season Annuals – Part 1 | Plant Availability Assignment | |
| J 25 | 3 | Nomenclature mini lecture – Bart Schutzman Propagation Systems for Annuals and Perennials - Thetford Plant group - Cool Season Annuals – Part II | Quiz 1 (weeks 0-2) (20 min) | 10 |
| F 1 | 4 | Morphology mini lecture - Bart Schutzman Installation and Maintenance of Bedding Plants - Brian Pearson Plant group – Annual Asteraceae | Landscape Assessment Assignment – Part 1 | |
| F 8 | 5 | Elements and Principles of Landscape Design; Designing with Color – Gail Hansen Plant group - Euphorbiaceae and Verbenaceae | Quiz 2 (weeks 3-4) | 10 |
| F 15 | 6 | Annual and Perennial Geophytes (Tropical Bulbs, Corms and Tubers) – Mack Thetford Plant group – Geophytes - “Bulbs” | Due: Landscape Assessment Assignment - Part 1 | 35 |
| F 22 | 7 | Tropical Perennials - Sydney Park Brown Vertical Gardening (Flowering Vines) - Sydney Park Brown Plant group – Crassulaceae | Due: Plant Availability Assignment | 30 |
| M 1 | 8 | Ornamental Grasses - Mack Thetford Plant group – Perennial Asteraceae | Quiz 3 (weeks 5-7) | 10 |
| M 8 | 9 | Mid-Term Exam | Landscape Assessment Assignment - Part 2 | 100 |
| M 15 | Spring Break | | | |
| MODULE 2. – Specialty Gardens, Invasive Species, and Current Topics | | | | |
| M 22 | 10 | Container Gardening – Wendy Wiber Plant group – Acanthaceae | | |
| M 29 | 11 | Rain Gardens - Marina D’Abreau Wildflower Gardening - Erin Alvarez Plant group - Warm Season Annuals | Landscape Design Exercise Assignments | |
| A 5 | 12 | Groundcover Alternatives to Turfgrass Lawns – Gary Knox Plant group – Lamiaceae | Quiz 4 (Weeks 8-11) | 10 |
| A 12 | 13 | Evaluation of Native and Non-native Ornamentals as Pollinator Plants in Florida – Heather Kalamian Plant group – Perennials | Due: Landscape Assessment Assignment - Part 2 | 35 |
| A 19 | 14 | Gardening with non-Invasive Annuals and Perennials - Sandy Wilson Current topic: Breeding of stress tolerance of Begonia and Snapdragon for Florida – Alfred | Quiz 5 (Weeks 12-13) Due: Landscape Design Exercise Assignment | 10 90 |
| A 26 | 15 | Current Topic Online Discussion | Discussion open April 19-24 | 10 |
| M 3 | 16 | Final Exam | | 100 |
| Total Lecture Points | | | | 450 |

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/>.

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/UGRD/academic-regulations/attendance-policies/>.

COVID Response Statements

For face to face courses a statement informing students of COVID related practices such as: We will have face-to-face instructional sessions to accomplish the student learning objectives of this course. In response to COVID-19, the following policies and requirements are in place to maintain your learning environment and to enhance the safety of our in-classroom interactions.

- You are required to wear approved face coverings at all times during class and within buildings. Following and enforcing these policies and requirements are all of our responsibility. Failure to do so will lead to a report to the Office of Student Conduct and Conflict Resolution.
- This course has been assigned a physical classroom with enough capacity to maintain physical distancing (6 feet between individuals) requirements. Please utilize designated seats and maintain appropriate spacing between students. Please do not move desks or stations.
- Sanitizing supplies are available in the classroom if you wish to wipe down your desks prior to sitting down and at the end of the class.
- Follow your instructor's guidance on how to enter and exit the classroom. Practice physical distancing to the extent possible when entering and exiting the classroom.
- If you are experiencing COVID-19 symptoms ([Click here for guidance from the CDC on symptoms of coronavirus](#)), please use the UF Health screening system and follow the instructions on whether you are able to attend class. [Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19](#)

[symptoms](#). • Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. [Find more information in the university attendance policies](#).

Online course with recorded materials privacy Statement:

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 un-mute 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/>.

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>

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 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.

- *University 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

- U Matter We Care, www.umatter.ufl.edu/
- *Career Connections Center, First Floor JWRU, 392-1601,* <https://career.ufl.edu/>.
- Student Success Initiative,
<http://studentsuccess.ufl.edu>.

Student Complaints:

Residential Course:

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

•Online Course:

<http://www.distance.ufl.edu/student-complaint-process>

Cell phones and other electronic devices may be used to photograph plants during class but must be placed in silent mode. Students who receive or make calls/messages during class will be asked to leave.

Students engaging in disruptive behavior (e.g., talking, texting, etc.) will be asked to leave the class. Repeat violations of these rules will result in dismissal from class.