

Cover Sheet: Request 11153

ORH 4804 Annual and Perennial Gardening

Info

Process	Course Modify Ugrad/Pro
Status	Pending
Submitter	Thetford,Mack thetford@ufl.edu
Created	9/28/2016 3:00:52 PM
Updated	1/23/2017 8:19:36 PM
Description of request	The Environmental Horticulture curriculum committee is requesting a change in the distribution of credit hours between the co-requisite Lecture and Lab courses ORH 4804 Annual and Perennial Gardening and ORH 4804L Annual and Perennial Gardening Lab. Presently the lecture course is 1 credit hour while the lab course is 2 credit hours. With the Online format of the lecture and an ability to teach much of the Lab course content utilizing the CANVAS platform, the Environmental Horticulture Curriculum Committee has approved the redistribution of the course credits to reflect a 2 credit hour lecture (ORH 4804) and a 1 credit hour lab (ORH 4804L).

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Environmental Horticulture 514918000	Guy, Charles L		10/18/2016
Added ORH 4804 new Lecture Syllabus 2017.docx					9/28/2016
Added ucc-syllabus-checklist ORH 4804 Spring 2017.pdf					9/28/2016
College	Approved	CALS - College of Agricultural and Life Sciences	Brendemuhl, Joel H	Edits requested by the CALS CC have been made.	12/19/2016
Added Cover Letter ORH 4804.doc					12/17/2016
University Curriculum Committee	Comment	PV - University Curriculum Committee (UCC)	Case, Brandon	Added to the February agenda.	1/23/2017
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			1/23/2017
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					

Step	Status	Group	User	Comment	Updated
No document changes					
College Notified					
No document changes					

Course|Modify for request 11153

Info

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Description of request: The Environmental Horticulture curriculum committee is requesting a change in the distribution of credit hours between the co-requisite Lecture and Lab courses ORH 4804 Annual and Perennial Gardening and ORH 4804L Annual and Perennial Gardening Lab. Presently the lecture course is 1 credit hour while the lab course is 2 credit hours. With the Online format of the lecture and an ability to teach much of the Lab course content utilizing the CANVAS platform, the Environmental Horticulture Curriculum Committee has approved the redistribution of the course credits to reflect a 2 credit hour lecture (ORH 4804) and a 1 credit hour lab (ORH 4804L).

Submitter: Thetford,Mack thetford@ufl.edu

Created: 2/9/2017 10:15:56 AM

Form version: 2

Responses

Current PrefixORH

Course Level4

Number 804

Lab Code None

Course Title Annual and Perennial Gardening

Effective Term Spring

Effective Year 2017

Requested Action Other (selecting this option opens additional form fields below)

Change Course Prefix?No

Change Course Level?No

Change Course Number?No

Change Lab Code?No

Change Course Title?No

Change Transcript Title?No

Change Credit Hours?Yes

Current Credit Hours1

Proposed Credit Hours2

Change Variable Credit?No

Change S/U Only?No

Change Contact Type?No

Change Rotating Topic Designation?No

Change Repeatable Credit?No

Change Course Description?Yes

Current Course DescriptionIdentification, selection, use and management of annuals, perennials, vines, ornamental grasses and ground covers in the landscape. Hands-on care for plants in the outdoor laboratory will be included. Each student will learn the irrigation, fertilization, pruning, and other cultural needs of these popular plants. Laboratory will complement lecture.

Proposed Course Description (50 words max)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.

Change Prerequisites?Yes

Current PrerequisitesORH 3513C

Proposed PrerequisitesORH 3513 and PLS 3223

Change Co-requisites?No

RationalePrerequisites have been chosen to ensure students have an understanding of plant identification and plant propagation. ORH3513 (Plant Identification) will provide students with an understanding of plant identification terminology and the skills to identify plants on the basis of morphological characteristics while PLS3223 (Plant Propagation) will provide students with an understanding of plant reproductive systems and reinforces application of student knowledge of basic plant biology, morphology and anatomy. Without this prior knowledge and skills ORH4804 would have to allocate a significant portion of the course to reviewing these topics resulting in duplication of content. These prerequisites allow a larger portion of ORH4804 to be allocated to identification of new plants and application of plant use information.



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

Dr. Mack Thetford

Milton Campus
850-983-7130
thetford@ufl.edu

Course Description

ORH 4804 Annual and Perennial Gardening

Credits: 2; Prereq: ORH 3513 and PLS3223

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.*

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 Assignments	
Plant availability assessment	30
Landscape assessment (part 1)	35
Landscape assessment (part 2)	35
Annual and perennial garden design exercises (3)	90
Online discussion of statewide plant performance data	10
Mid-term exam	100
Final exam	100
Total Points	450

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

TOTAL POINTS	PERCENTAGES	ASSIGNED GRADE
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

Week	Lecture Topics	Lecture quizzes Lecture Assignment	Point Value
Module 1. Identification, production, installation & management			
1	Course Overview, Important Terms and Concepts – Mack Thetford Classification, Taxonomy, Nomenclature - Thetford		
2	Key Plant Families - Erin Alvarez Plant group - Cool Season Annuals – Part 1	Quiz 1 (weeks 0-2) (20 min) Plant Availability Assignment	10
3	Basic Principles of Landscape Design - Thetford Propagation and Production systems for Annuals and Perennials - Thetford Cool Season Annuals – Part II		
4	Installation and Maintenance of Bedding Plants - Brian Pearson Plant group - Asteraceae Family – Part I	Quiz 2 (weeks 3-4) Landscape Assessment Assignment	10
5	Cool & Warm Season Annuals; Designing with Color - Kim Moore Plant group - Euphorbiaceae and Verbenaceae		
6	Tropical Bulbs, Corms and Tubers - Tom Wichman Plant group - “Bulbs” - Geophytes	Quiz 3 (weeks 5-6) Due: Landscape Assessment Assignment - Part 1	45
7	Tropical Perennials - Sydney Park Brown Vertical Gardening (Flowering Vines) - Sydney Park Brown Plant group - Crassulaceae	Due: Plant Availability Assignment	30
8	Ornamental Grasses - Mack Thetford Plant group - Asteraceae – Part II	Online Class Discussion - Comparison of Statewide Plant Availability Results.	10
9	Mid-Term Exam		100
10	Spring Break		
MODULE 2. – Specialty Gardens, Invasive Species, and Current Topics			
11	Container Gardening - Kim Moore Plant group - Acanthaceae	Quiz 4 (Weeks 10-11) Due: Landscape Assessment Assignment - part 2	45
12	Rain Gardens - Marina D’Abreau Wildflower Gardening - Erin Alvarez Warm Season Annuals	Landscape Design Exercise	
13	Water Gardening - Mike Kane Plant group - Perennials	Quiz 5 (Weeks 12-13)	10
14	Butterfly Gardening - Jaret Daniels		
15	Problematic (Invasive) Annuals and Perennials - Sandy Wilson	Due: Landscape Design Exercise	90
16	Current topic in annual or perennial gardening - guest lecture or assigned reading		
17	Final Exam	Total Class Points	100 450

1. Class attendance, make-up exams and other work:

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:

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

2. Accommodations 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.

www.dso.ufl.edu/drc/ 0001 Reid Hall, 352-392-8565

3. Textbooks:

Textbooks are Optional and include:

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)

4. UF grading policies for assigning grade points:

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

5. Online course evaluation process:

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

6. Distance Learning Program Student Complaint

Process: Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic and administrative departments at the program level. For more details see <http://distance.ufl.edu/student-complaints>

7. Materials and Supplies Fees: None.

8. Critical dates for exams or other work: Critical dates are posted within the Canvas E-Learning system and conform to the general weekly schedule of topics and assignments provided in the tentative lecture schedule.

9. Academic Integrity: 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>.

10. 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/cwc/*

Counseling Services
Groups and Workshops
Outreach and Consultation
Self-Help Library
Wellness Coaching

- U Matter We Care, www.umatter.ufl.edu/
- *Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/*

11. 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.

May 17, 2016

CALS Curriculum Committee,

The Environmental Horticulture curriculum committee is requesting a change in the distribution of credit hours between the co-requisite Lecture and Lab courses ORH 4804 Annual and Perennial Gardening and ORH 4804L Annual and Perennial Gardening Lab. Presently the lecture course is 1 credit hour while the lab course is 2 credit hours. With the Online format of the lecture and an ability to teach much of the Lab course content utilizing the CANVAS platform, the Environmental Horticulture Curriculum Committee has approved the redistribution of the course credits to reflect a 2 credit hour lecture (ORH 4804) and a 1 credit hour lab (ORH 4804L). This approach is consistent with the structure of the prerequisite courses Ornamental Plant Identification and Lab (ORH 3513 & ORH 3513L) and Plant Propagation lecture and lab (PLS 3223 & PLS 3223L). This distribution of course content between lecture and lab accommodates the distance delivery of a greater proportion of the course in the lecture while allowing maximum on-site flexibility for the lab courses to reflect regional facilities, crops, and the influence of teaching across Florida's three major growth zones.

Changes proposed for ORH 4804 and ORH 4804L necessitate revised prerequisites, revised course descriptions and revised learning objectives. Prerequisites have been chosen to ensure students have an understanding of plant identification and plant propagation. The lecture content has been increased by adding a proportion of the plant identification lectures from the lab to the lecture in the form of narrated presentations (PowerPoint). This core content was previously taught independently at each site by lab instructors from live samples or from a common set of photographs and outlines of plant characteristics, depending on local plant availability. Additionally, new lecture topics and gardening assignments have been introduced to the lecture course.

A co-requisite of ORH 4804 is included for ORH 4804L; however, we have intentionally not listed ORH 4804L as a co-requisite for ORH 4804. The lecture course is a requirement of the Environmental Horticulture Certificate Program which does not require the lab course. The addition of the plant identification components and assignments from the former lab format to the lecture course makes it more complete for these students who would rarely have an opportunity to take an on-site lab.

The Lab course (ORH 4804L) builds upon the concepts taught in lecture and provides an opportunity for students to practice annual and perennial plant production, implement gardening installation and management concepts and expand plant identification skills on the basis of locally available plants. Plant identification lectures that were previously provided as supplemental lectures have been incorporated along with new lab activities on plant propagation, garden design and implementation assessment, and analysis and development of a garden management plan/outline.

While a core portion of the lab content and activities will be outlined within the CANVAS environment the actual live plants used to support these components at each location may vary on the basis of the limitations of the USDA growth zone in which the course is taught. Consistency in core content is provided through the Lab Manual Exercises and Group Assignments.

Overall the revision of the ORH 4804 Lecture and ORH 4804 Lab courses result in an increase in course rigor and offers a platform for more consistency in delivery of the course on a statewide basis while accommodating the inherent differences in the plants that will grow across the three major growth zones of Florida.

Sincerely,



Mack Thetford, Ph.D
Associate Professor, Environmental Horticulture



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All UCC1 forms and each UCC2 form that proposes a change in the course description or credit hours must include this checklist in addition to a complete syllabus. Check the box if the attached syllabus includes the indicated information.

Syllabus MUST contain the following information:

Instructor contact information (and TA if applicable)

Course objectives and/or goals

A weekly course schedule of topics and assignments

Required and recommended textbooks

Methods by which students will be evaluated and their grades determined

A statement related to class attendance, make-up exams and other work such as: "Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at:

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

A statement related to accommodations for students with disabilities such as: "Students requesting classroom accommodation must first register with the Dean of Student Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation."

Information on current UF grading policies for assigning grade points. This may be achieved by including a link to the appropriate undergraduate catalog web page:

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

A statement informing students of the online course evaluation process such as: "Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu>.

It is recommended that syllabi contain the following information:

1. Critical dates for exams and other work
2. Class demeanor expected by the professor (e.g., tardiness, cell phone usage)
3. UF's honesty policy regarding cheating, plagiarism, etc. Suggested wording: UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor 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." The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obliged to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.
4. Phone number and contact site for university counseling services and mental health services: 392-1575, <http://www.counseling.ufl.edu/cwc/Default.aspx>
University Police Department: 392-1111 or 9-1-1 for emergencies.

The University's complete Syllabus Policy can be found at: http://www.aa.ufl.edu/Data/Sites/18/media/policies/syllabi_policy.pdf