

Cover Sheet: Request 11960

ORH2752 Sensory Gardening

Info

Process	Course Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Kimberly Moore klock@ufl.edu
Created	10/24/2017 12:55:32 PM
Updated	12/4/2017 12:15:54 PM
Description of request	<p>"A hands-on multidisciplinary approach to environmental horticulture delivered through the context of the human senses. Class activities, assignments, and projects are designed to enhance students' awareness and understanding of how horticulture relates to the natural and built world, as well as the ways in which people perceive those worlds."</p> <p>This course is currently a three credit course. We are requesting a change in credits to 2 credits. This change has been vetted through the Environmental Horticulture department. We feel that a change in credit would increase enrollment in this course and serve as a recruitment tool for the Plant Science undergraduate major.</p>

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Environmental Horticulture 514918000	Kimberly Moore		10/24/2017
ORH 2752 Syllabus Spring 2018 - new proposed.pdf					10/24/2017
ORH 2752 Original Syllabus.pdf					10/24/2017
Syllabus Checklist.pdf					10/24/2017
College	Approved	CALS - College of Agricultural and Life Sciences	Kimberly Moore	Changes required by the CALS CC have been made.	12/4/2017
ORH 2752 Syllabus Spring 2019 - new revised per CALS curriculum committee.doc					11/27/2017
ORH 2752 - Word Document detailing the proposed changes.docx					11/27/2017
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			12/4/2017
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					
No document changes					
College Notified					
No document changes					

Course|Modify for request 11960

Info

Request: ORH2752 Sensory Gardening

Description of request: "A hands-on multidisciplinary approach to environmental horticulture delivered through the context of the human senses. Class activities, assignments, and projects are designed to enhance students' awareness and understanding of how horticulture relates to the natural and built world, as well as the ways in which people perceive those worlds."

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Submitter: Kimberly Moore klock@ufl.edu

Created: 12/14/2017 7:00:32 PM

Form version: 3

Responses

Current PrefixORH

Course Level2

Number 752

Lab Code None

Course Title Sensory Gardening

Effective Term Earliest Available

Effective Year Earliest Available

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 Hours3

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?No

Change Prerequisites?No

Change Co-requisites?No

RationaleThe change was recommended based on the opportunity to increase enrollment in this course as well as to use this course as a draw for the Plant Science undergraduate program. By reducing the number of credits, we feel this course will have a broader appeal to more students and enrollment should increase; this course is targeted to non-majors and students looking for a major.

Instructor: Dr. John C. Peterson
Professor of Horticulture
1543 Fifield Hall
2550 Hull Road
Office Phone: 352-273-4519
drjohncp@ufl.edu

Office Hours: By appointment.

Course Description: A hands-on, multidisciplinary approach to environmental horticulture delivered through the context of the human senses. Class activities, assignments, and projects are designed to enhance students' awareness and understanding of how horticulture relates to the natural and built world, as well as the ways in which people perceive those worlds.

Justification: This course provides an introduction to environmental horticulture with emphasis on the relationship between plants and the human sensory experience and the impact of plant sciences on the daily lives of humans. To be responsible and effective stewards of our environment, students should understand not only the environment and the plants used in landscapes, but also the ways in which humans use, experience, and are affected by plants. Students will gain a fundamental understanding of people-plant interactions that they may not obtain from courses where primary emphasis is on identification, use, or management of plants and landscapes.

Course Objectives: Upon completion of this course, students will be able to:

- Describe the basic biological functions of the human sensory organs.
- Assess uses of plants and explain how they relate to sensory perception.
- Demonstrate ways in which plants affect the sensory experience.
- Analyze the relationships between people and plants from biological and social perspectives.

Required Text: Pollan, M. (2002). *The Botany of Desire*. Random House. ISBN: 0375760393

Read this even if you saw the movie. Used and new copies are widely available at local bookstores and online.

Grading*:

Quizzes (5): 40%
Projects (5): 40%
Participation: 20%
**Late submissions will be reduced by one letter grade for each day past due, including weekends.*

Grading Scale:

A	90-100%
B	80-89.9
C	70-79.9
D	60-69.9
E	<60

Grades and Grade Points

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Quizzes:

Quizzes will be given towards the end of each module. They will be based primarily on content from that module, but may include content from previous modules where appropriate. The format will vary, but they should take less than one half of a class period to complete. There will be no makeup quizzes.

Projects:

Projects will be completed in groups or individually, depending on the nature of the assignment. Students will submit projects towards the end of each module as designated in the schedule. Each project should *build upon information learned in class* for an in-depth look at a specific part of each module's subject matter. Details and examples will be given in class. Formats will vary. Creativity required.

Assignments: Most assignments will be given and turned in during the same class period or at the beginning of the following lecture period

Participation: Information in this course is delivered via in-class activities, discussions, site visits and presentations. Your active participation is expected, and is impossible when you are absent from class. Students are permitted one absence per semester. If you are going to miss class, you are expected to notify the instructor *before* the class that you are missing class. There will be no makeup quizzes for students who do not make arrangements for missed quizzes in advance of the scheduled. Students are responsible for turning in assignments at by the beginning of class the day they are due, even if a student is missing class that day. Only documented doctor's excuses or UF-approved activities will be excused. Students who are late for in-class assignments or projects will have points deducted from the assignment. **In-class assignments and participation cannot be made up.**

Electronic Devices: Students are required to silence cell phones and other electronic devices before class.

Site Visit Days: Occasional field trips to gardens and other sites will be arranged. Transportation will be provided as necessary or students will be expected to meet at nearby or on-campus locations. Students will be notified at least two weeks in advance of trips. If you miss class, you are responsible for catching up on announcements regarding meeting locations or field trips.

Class info: Official course information will be distributed in class or delivered via UF email and other electronic avenues as designated by the course instructor.

Academic Honesty, Software Use, Campus Helping Resources, Services for Students with Disabilities

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>.

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Software Use:

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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
- Training Programs
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U Matter We Care, www.umatter.ufl.edu/

Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

Services for Students with Disabilities

ORH 2752: Sensory Gardening
 Spring 2019; 2 Credits
 T 10:40 – 12:35 or TH 10:40 – 12:30
 PSF 5

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Student Complaints:

Residential Course: https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf

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

Lecture Schedule:

Module 1: Sight	
Week 1	Introductions, Information Collection; Review Syllabus <i>Assigned reading: Botany of Desire, to be discussed on Week 9; How human vision works</i> <i>Assignment of Sight Project #1</i>
Week 2	Plant Blindness & Color theory and emotion, psychology and nature <i>Assignment of Baby Plant Project #2</i> Visual evaluation and tasting of fruit a sensory experience
Week 3	No class; Optional Field Trip to Tropical Plant Industry Plant Exposition
Week 4	Container design and planting a sensory experience <i>Sight quiz #1</i> <i>Sight Project#1 Due</i>
Module 2: Touch	
Week 5	Site Visit: On campus - Wilmot Gardens, A Plant Therapy Experience <i>Assignment of Touch Project # 3</i>
Week 6	The somatosensory system; Plants that alter our perception of touch and plant tropisms; Plants, emotion, and physical sensation a sensory experience
Week 7	Blind touch test a sensory experience <i>Touch quiz #2</i> <i>Project #3 Due</i>
Module 3: Smell	
Week 8	How the olfactory system works; How plants produce fragrance / VOC's <i>Assignment of Smell Project #4</i>
Week 9	Fragrance, preference, and plant breeding; Blind smell test a sensory experience
Break	<i>No Class Spring Break</i>

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Week 10	Open Discussion of The Botany of Desire <i>Smell quiz #3</i> <i>Project #4 Due</i>
Module 4: Taste	
Week 11	How humans taste; Herbs, spices, and plant flavors Coffee and chocolate a sensory experience <i>Assignment of Taste Project #5</i>
Week 12	Site Visit: On campus – Butterfly Rainforest
Week 13	Blind Taste Test; Plant exploration and collection <i>Taste quiz #4</i> <i>Project #5 Due</i>
Module 5: Sound	
Week 14	How humans hear; Use of plants to produce or affect sound
Week 15	Site Visit: Kanapaha Botanical Garden; <i>Quiz #5</i> <i>Baby Plant Journal Project #2 Due</i>

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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:

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Class info: Official course information will be distributed in class or delivered via UF email and other electronic avenues as designated by the course instructor.

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>

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This policy will be vigorously upheld at all times in this course.

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Week 9	Fragrance, preference, and plant breeding; Blind smell test a sensory experience
Break	<i>No Class Spring Break</i>
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Week 11	How humans taste; Herbs, spices, and plant flavors Coffee and chocolate a sensory experience <i>Assignment of Taste Project #5</i>
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Week 14	How humans hear; Use of plants to produce or affect sound
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ORH 2752: Sensory Gardening

Spring 2017; 3 Credits

T 10:40 – 12:35, TH 10:40 – 11:30

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- Demonstrate ways in which plants affect the sensory experience.
- Analyze the relationships between people and plants from biological and social perspectives.
- Interpret the effects of plant blindness on individuals and cultures.
- Evaluate roles of plants and human senses on adaptation and global distribution of people and plants.

Required Text: Pollan, M. (2002). *The Botany of Desire*. Random House. ISBN: 0375760393

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Projects (5): 40%

Assignments(4): 10%

Participation: 10%

**Late submissions will be reduced by one letter grade for each day past due, including weekends.*

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Class info: Official course information will be distributed in class or delivered via UF email and other electronic avenues as designated by the course instructor.

Lecture Schedule:

Module 1: Sight

Week 1	Jan 5, Thur:	Introductions, Information Collection, Review Syllabus, Sight observation Assignment #1, Assigned reading: Botany of Desire, to be discussed on Feb 21 st .
Week 2	Jan 10, Tues: Jan 12, Thur:	How human vision works, Assignment of Sight Presentation Project #1 Plant Blindness, psychology and nature, Assignment of Baby Plant Project #2
Week 3	Jan 17, Tues: Jan 19, Thur:	Color theory and emotion, Visual evaluation and tasting of fruit No Class, Optional Trip to Tropical Plant Exposition (Attendees get 5 bonus pts.)
Week 4	Jan 24, Tues: Jan 26, Thur:	Container design and planting Sight Quiz #1, Project#1 Due for In-class group presentations - Sight

Module 2: Touch

Week 5	Jan 31, Tues: Feb 2, Thur:	Site Visit: On campus - Wilmot Gardens, Plant Therapy The somatosensory system, Wilmot Gardens Assignment# 2 Due, Assignment of Touch Presentation Project # 3
Week 6	Feb 7, Tues: Feb 9, Thur:	Plants to alter perception and plant tropisms Plants, emotion, and physical sensation
Week 7	Feb 14, Tues: Feb 16, Thur:	Touch quiz #2, Blind Touch Test, B of D Assignment #1 Distributed Project #3 Due for In-class group presentations - Touch, Baby Plant Journal Review (Bring to Class)

Module 3: Smell

Week 8	Feb 21, Tues: Feb 23, Thur:	How the olfactory system works , Discussion of The Botany of Desire, B of D Assignment #1 Due, Baby Plant Journals returned in class How plants produce fragrance / VOC's, Assignment of Smell Project #4
Week 9	Feb 28, Tues: Mar 2, Thur:	Site Visit - On Campus, Sensory Lab Fragrance, preference, and plant breeding
Break	Mar 7, Tues: Mar 9, Thur:	No Class Spring Break No Class Spring Break
Week 10	Mar 14, Tues: Mar 16, Thur:	Smell quiz #3, Blind Smell test Project #4 Due for In-class group presentations - Smell

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Module 4: Taste

Week 11	Mar 21, Tues:	How humans taste, Coffee and chocolate, Plant Exploration Company Assignment # 3 distributed
	Mar 23, Thur:	Herbs, spices, and plant flavors, Assignment of Taste Project #5, Plant Exploration Company Assignment # 3 Due
Week 12	Mar 28, Tues:	Site Visit: On campus – Butterfly Rainforest, Butterfly Rainforest Assignment #4 Distributed
	Mar 30, Thur:	Plant exploration and collection, Butterfly Rainforest Assignment #4 Due
Week 13	Apr 4, Tues:	Taste quiz #4, Blind Taste Test
	Apr 6, Thur:	Project #5 Due for In-class group presentations - Taste

Module 5: Sound

Week 14	Apr 11, Tues:	Site Visit: Kanapaha Botanical Gardens
	Apr 13, Thur:	How humans hear, Use of plants to produce or affect sound
Week 15	Apr 18, Tues:	Sound Quiz #5, The 6 th Sense
	Apr 20, Thur:	Baby Plant Journal Project #2, Due by 3 PM, Reading Day No Class

Academic Honesty, Software Use, Campus Helping Resources, Services for Students with Disabilities

Academic Honesty

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Groups and Workshops
Outreach and Consultation
Self-Help Library
Training Programs
Community Provider Database

Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

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.

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

ORH 2752 – Course Revisions

The course revisions for ORH 2754, Sensory Gardening are proposed for the purpose of attempting to increase course enrollment and offer a course that is more helpful in attracting additional students into the Plant Science Major. Surveys and feedback from students considering a change in major indicated that more students would enroll in the course if it was reduced from a 3 to 2 credits. Students enrolled in the ORH 1030, Plants, Gardening and You course indicated they would be more likely to take a 2 credit, rather than a 3 credit course to continue their enrollment in Plant Science related coursework. In order to achieve a reduction in course credit a series of in-class student projects / presentations were eliminated from the coursework and the following course objectives were eliminated from the course syllabus: 1. Interpret the effects of plant blindness on individuals and cultures. 2. Evaluate roles of plants and human senses on adaptation and global distribution of people and plants. Lectures relating to these topics have been eliminated from the material presented to students in the course. The course remains robust and impacting, even with these changes.

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 of 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.ua.ufl.edu/Data/Sites/18/media/policies/syllabi_policy.pdf