

**University of Florida**  
**Horticultural Sciences Department**  
**HOS 1014 - Vegetable Gardening**  
**Fall 2015**

Monday (section 2359) or Tuesday (section 1965) periods 9 - 11  
Lecture (2316 Fifield Hall) 4:05 – 4:55pm  
Garden 5:00-7:00pm

**\*Note:** Lecture and Garden times will switch after daylight savings time (Nov 1). See below:  
Gardens 4:05-6:00pm  
Lecture (2316 Fifield Hall) 6:10 – 7:00pm

**Course Description:** A course primarily for non-majors who desire to learn about vegetable gardening. The basic principles of gardening and an overview of different vegetable crops will be covered in brief lectures. Each student will be given a plot, seeds, transplants and know-how to grow her/his own vegetable garden. 1 credit.

**Course Website:** <http://www.hos.ufl.edu/hos1014>

**Faculty Advisor:**

Dr. Bala Rathinasabapathi  
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**Course Instructor:**

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**TA:**

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**Office Hours:** By Appointment

**Recommended Text:** Vegetable Gardening in Florida, James M. Stephens, University Press of Florida, Gainesville, 1999.

**Course Objectives**

- Learn basic gardening principles including:  
Nutrient requirements and management  
Water needs and irrigation principles  
Weed management  
Insect and pest control  
Disease management
  
- Overview of the different vegetable families:  
When to grow certain crops  
Tips for growing specific vegetables  
Harvesting criteria  
Post harvest principles
  
- Hands-on experience in raising your own garden:  
Grow the vegetables  
Manage your own garden plot  
Keep what you produce

**Vegetables and flowers that may be planted include the following**

<b>Vegetables</b>		<b>Flowers</b>
Bean	Eggplant	Sunflower
Beet	Lettuce	Marigold
Broccoli	Pepper	
Cauliflower	Radish	
Carrot	Squash	
Cucumber	Tomato	

In addition, students may purchase their own seed or transplants for planting in their gardens.

### Evaluation and Grading

▪ Attendance:		
Classroom	10%	
Garden	10%	
▪ Assignments	30%	
▪ Garden Blog	30%	
▪ Garden Maintenance	20%	

### Grading 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 – 65 %	D
60 – 62 %	D-
< 60 %	E

**Attendance, 200 points (20%)** will be taken every class period in the classroom and in the gardens with the exception of August 26 and 27 due to drop/add timeline. You must attend your scheduled section to receive attendance credit. Classroom and garden is worth 20 pts. each (10 pts. = classroom attendance & 10 pts. = garden attendance). You will be allowed 2 absences from each and are therefore only required to attend 10 lectures and 10 garden times to receive the full credit. Attendance beyond 10 lectures will earn extra credit such that 10 pts. Extra Credit (EC) will be given for attending each extra lecture. EC, 10 pts. will be also given for attending all extra labs. **\*Note:** In case of rain, you are still required to attend lecture, but we will determine then whether working in the garden that day will be possible.

**Assignments, 300 points (30%)** will cover lecture material and observations made in the garden plots. There will be 5 assignments and the lowest grade will be dropped. Each assignment is worth 60 points. No make-up quizzes will be given.

**Garden blog, 300 points (30%)** created by you during the semester. You must complete at least one entry each week. The blogs will be graded on Friday of each week and must include topics addressed in class. A record of all work done in the gardens as well as observations, pictures and garden progress will be recorded in this blog. Each weekly garden blog is worth 30 pts. Full credit will be given to 10 out of 12; therefore, two additional week-blogs can be completed for extra credit worth 30 points each.

**\*Note:** If you are absent from class you will not earn points for attendance but you may receive points for your gardening blog that week. Gardening blog assignments will not be accepted late (no exceptions). What you write represents the University of Florida. Profanity and negative comments towards others as well as plagiarism will not be tolerated.

**Garden maintenance 200 points (20%).** This will be graded five times throughout the semester (see dates below), and each evaluation is worth 40 points. Each student will have his or her own garden plot, and is responsible for maintaining that space (preparing beds, labeling plants, planting seed and transplants, staking, weeding, fertilizing, etc.). Plots will be graded on Fridays during the week listed on the schedule below. If you are absent from class, you can still take care of your plot when the garden is open during the week, so that your plot is maintained for these graded evaluations. Students may help out in another student's garden but grouping plots is not allowed.

**Academic Honesty:**

By registering for classes, all students agree to abide by and follow the University of Florida Honor Code. Students not familiar with the Honor Code should consult their Undergraduate Catalogue. Honor Code violations in this course will not be tolerated, and may result in the assignment of a failing grade. Students observing an Honor Code violation should report them to the instructor or T.A. immediately.

The Honor Code: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity. On all work submitted for credit by students at the university, the following pledge is either required or

implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

### **Additional Course Policies and Procedures**

Follow all safety regulations during the gardening periods. Personal safety is individual's responsibility.

UF Counseling Services: (a) University Counseling Center, 301 Peabody Hall, 392-1575. personal and career counseling; (b) Student Mental Health, 392-1171, personal counseling; (c) Sexual assault Recovery Services, 392-1161, sexual assault counseling and (d) Career Resource center, 392-1601, career development assistance.

"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."

### **Course policies and procedures**

1. Good attendance and practice in the labs and field are crucial for success.
2. By registering for classes, all students agree to abide by and follow the University of Florida Honor Code. Students not familiar with the Honor Code should consult their Undergraduate Catalogue.
3. Everyone is required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages/criminal penalties.

### Tentative Schedule (Fall 2015)

Date	Lecture No.	Topic	Blog No.	Assignment No.	Garden Evaluation
Aug 24-25	1	Introduction Garden Plot Design	setup		
<b>Aug 31-Sep 1</b>	2	Seeds and Transplanting Garden Planting	1		
<b>Sept 7-8</b>	-	No class/garden (Holiday)	-		
Sept 14-15	3	Plant Anatomy and Physiology	2	1	X
Sept 21-22	4	Soil, Fertilization and Irrigation	3		
Sept 28-29	5	Weeds, Disease and Pests	4	2	X
Oct 5-6	6	Organic and Conventional Production	5		
Oct 12-13	7	Plant Genetics	6	3	X
Oct 19-20	8	Vegetable Production (tomato, pepper and eggplant)	7		
Oct 26-27	9	Vegetable Production (broccoli, cabbage and lettuce)	8	4	X
Nov 2-3	10	Vegetable Production (melon, cucumber and pumpkin)	9		
Nov 9-10	-	Other Vegetables (potato, carrot, strawberry)			
Nov 16-17	11	Vegetable Production bean and herbs (basil, parsley and cilantro)	10	5	X
Nov 23-24	12	Protected and soilless culture	11		
Nov 30-Dec 1	13	Harvest and Storage	12		
Dec 7-8	14	Plot cleanup	13		