

## HOS 6545 – Advanced Citriculture I – Section # 171B – Spring 2014 – Syllabus

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Office Hours: by appointment  
Lecture Location/Time: Wednesdays, 2-5PM

**Course website:** TBA

**Course description:** 3 credits. This course is designed to provide an overview of the physiological processes essential to biomass and fruit production in citrus and how the biotic and abiotic environment facilitate or impede productivity. We will address many of these issues by focusing on specific problems growers face on daily and seasonal cycles and how research has led to new management or breeding practices to overcome those problems.

This course will be taught at the UF Citrus Research & Education Center in Lake Alfred, FL. The course can be taken via Polycom video conferencing with the permission of the instructor. 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. See <http://distance.ufl.edu/student-complaints> for more details.

Class meetings will be a combination of lectures by Dr. Brodersen and other citrus experts at CREC and student led discussion sessions aimed at providing a comprehensive understanding of the pertinent scientific literature from the rich history of citrus research. Each meeting we will discuss 2 – 4 papers related to that week's topic. Starting 2/26/13 (or earlier depending on course enrollment) individual students or groups will lead the discussion are responsible for selecting the papers (to be approved one week in advance).

**Tentative Schedule** (Topics may change, an updated list will be available on the first day of class):

<b>Date</b>	<b>Topic</b>	<b>Course note/Deadline</b>
1/8/14	Course Introduction, Citrus Physiology	
1/15/14	Vegetative anatomy and morphology	
1/22/14	Citrus flowering and fruit development	
1/29/14	Citrus nutrition and irrigation	
2/5/14	Orchard design, plant selection, management	
2/12/14	Nursery and greenhouse production	
2/19/14	Advanced Citrus Production Systems	
2/26/14	Plant growth regulators regulator effects	Student Led Discussions Begin
3/5/14	Spring Break – No Class	
3/12/14	Biotic stress – Bacterial (Greening, CVC)	
3/19/14	Biotic stress – Fungal (Phytophthora, Canker, etc.)	
3/26/14	Biotic stress – Insects (Psyllids, Diaprepes, etc.)	Rough draft of paper/proposal due

4/2/14	Viruses and viroids / Biological transformation	
4/9/14	Breeding and genetics	
4/16/14	Weed control solutions	
4/23/14	Postharvest and processing	Final draft of paper/proposal due

**Reading Materials:** This course will focus on the primary literature related to each of the above topics. PDF versions of the required reading will be provided prior to each lecture.

**Grading:** Grades will be determined by discussion participation (33%), individual or group discussion session presentations (33%), and a semester research paper or grant proposal (34%). For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

**Absences 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/ugrad/current/regulations/info/attendance.aspx>.

**Additional information:**

*Academic Honesty:*

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 it 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.

1. *University Counseling Center*, 301 Peabody Hall, 392-1575; personal and career counseling: [www.counsel.ufl.edu](http://www.counsel.ufl.edu)
2. *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)
3. *Sexual Assault Recovery Services (SARS)*, Student Health Care Center, 392-1161, sexual assault counseling; and
4. *Career Resource Center*, Reitz Union, 392-1601, career 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 faculty-student disability related issues. *Dean of Students Office*, 202 Peabody Hall, 392-7066, [www.dso.ufl.edu](http://www.dso.ufl.edu).

## **Absences**

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Students are responsible for satisfying all academic objectives as defined by the instructor. Absences count from the first class meeting.

In general, acceptable reasons for absence from class include illness, serious family emergencies, special curricular requirements (e.g., judging trips, field trips, professional conferences), military obligation, severe weather conditions, religious holidays and participation in official university activities such as music performances, athletic competition or debate. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Other reasons also may be approved.

You cannot attend classes unless you are registered officially or approved to audit with evidence of having paid audit fees. The Office of the University Registrar provides official class rolls to instructors.

If you do not attend at least one of the first two class meetings of a course or laboratory in which you are registered, and you have not contacted the department to indicate your intent, you can be dropped from the course. You must not assume that you will be dropped, however, if you fail to attend the first few days of class. By posting a notice in the department office, the department will notify you if you have been dropped from the course or laboratory. You can request reinstatement on a space-available basis if you present documented evidence.

The university recognizes the right of the individual professor to make attendance mandatory. After due warning, professors can prohibit further attendance and subsequently assign a failing grade for excessive absences.

## **Religious Holidays**

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The Florida Board of Education and state law govern university policy regarding observance of religious holidays. The following guidelines apply:

- Students, upon prior notification to their instructors, shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith.
- Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence.
- Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances.

If a faculty member is informed of or is aware that a significant number of students are likely to be absent from class because of a religious observance, the faculty member should not schedule a major exam or other academic event at that time.

A student who is to be excused from class for a religious observance is not required to provide a second party certification of the reason for the absence. Furthermore, a student who believes that he or she has been unreasonably denied an education benefit due to religious beliefs or practices may seek redress through the student grievance procedure.

### **Illness Policy**

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If you are absent from classes or examinations because of illness you should contact your professors. You should contact your college by the deadline to drop a course for medical reasons. After the college petition deadline, you can petition the University Committee on Student Petitions to drop a course for medical reasons. The university's policy regarding [medical excuse](#) from classes is maintained by the Student Health Care Center.

### **Twelve-Day Rule**

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Students who participate in athletic or extracurricular activities are permitted to be absent 12 scholastic days per semester without penalty. (A scholastic day is any day on which regular class work is scheduled.) Instructors must be flexible when scheduling exams or other class assignments.

The 12-day rule applies to individual students participating on athletic or scholastic teams. Consequently, a group's schedule that requires absence of more than 12 days should be adjusted so that no student is absent from campus more than 12 scholastic days.

If you previously have been warned about absences or unsatisfactory work you should not incur additional absences, even if you have not been absent 12 scholastic days. It is the your responsibility to maintain satisfactory academic performance and attendance.