

**AGR 6325L Plant Breeding Techniques
Spring Semester 2025**

Course Coordinator: Dr. Kevin Kenworthy

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Office: Building 345 (see map last page)

Phone: 352-262-8719

Class Meeting time: Monday 12:50 to 2:45 pm (periods 6 & 7)

Class Location: Building 344 (see map on last page; Across Archer Road next to the Bartram apartments)

Course Description: This course consists of a basic introduction to plant breeding methods and techniques used by crop and horticultural plant breeders in Florida. A introductory review of plant breeding methods will be given on the first day of class. The remainder of the course will be guest lectures by various plant breeders from throughout Florida presenting discussions of their breeding programs with emphasis on methods, selection objectives, pollination biology, and sources of funding. The course is intended to provide a broad overview of programs and designed to illustrate applicable approaches to plant breeding.

Attendance Policy:

The course has both on-campus and REC sections. REC students attend through Zoom (link provided) and campus-based students attend in-person. **All students** are required to physically attend one in-person lecture during the semester. Lectures will be recorded.

Grading Policy: Students are required to prepare 5 lab reports using the provided template. Three reports must be turned in before spring break. Please submit homework electronically, preferentially to my email, kenworth@ufl.edu. Each report is worth 100 points with their average counting 90% of the class grade. The instructor will assign a grade for class participation representing the remaining 10% of the grade. All students are expected to participate in the discussions with the presenters.

Grades:

- A: $\geq 90\%$
- B+: $\geq 85 < 90\%$
- B: $\geq 80 < 85$
- C+: $\geq 75 < 80$
- C: $\geq 70 < 75$

Guest Presenters: A list of guest presenters is below, which may be amended through the semester. Some of these presentations may include content at various locations around the Gainesville campus (where materials are growing in the field or greenhouse). It is your responsibility to confirm at the previous meeting where the location of the next meeting will be. All presentations will be available through Zoom and each presentation will be recorded.

LECTURE SCHEDULE SPRING 2025

<u>Date</u>	<u>Lecturer and Topic</u>
January 13	Dr. Kevin Kenworthy – Class Introduction Basic Plant Breeding Review.
20	Holiday
27	Coleus and Hibiscus, Brooks Parrish and Conner Austin, Research and Development Managers, supervisor Dave Clark
February 3	Ali Babar, Small Grains
10	Barry Tillman, Peanuts
17	Vance Whitaker, Strawberry
24	Marcio Resende, Corn & Potato
March 3	Manjul Dutt, Citrus
10	“Saba” Balasubramani Rathinasabapathi, Pepper
17	Spring Break
24	Jessica Chitwood-Brown, Tomato
31	German, Sandoya, Lettuce
April 7	Patricio Munoz, Blueberry
14	Jose Chapparo, Peach and Citrus (Location at Dr. Chapparo’s office and orchard)

Online Course Evaluation Process:

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:

In 1995, the UF student body enacted an honor code and voluntarily committed itself to the highest standards of honesty and integrity. When students enroll at the university, they commit themselves to the standard drafted and enacted by students. **The Honor 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.** 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."** Students should report any condition that facilitates dishonesty to the instructor, department chair, college dean, Student Honor Council, or Student Conduct and Conflict Resolution in the Dean of Students Office. (*Source: 2012-2013 Undergraduate Catalog*). It is assumed all work will be completed independently unless the assignment is defined as a group project, in writing by the instructor. 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 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.

1. 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

Community Provider Database

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

Services for Students with Disabilities:

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor

when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester

NOTE: The instructors reserve the right to change any information contained in this and other handouts in this course.

Note: Instructional materials for this course consist of only those materials specifically reviewed, selected, and assigned by the instructor(s). The instructor(s) is only responsible for these instructional materials.



Map for Kenworthy's office.

Building 345, office
Building 344, classroom