HOS 6070 Plant Materials for Conservation and Restoration

Syllabus

Offered Summer C (odd years only)

Course Description: HOS 6070 (3 credits); Understand how to protect, select, produce, and establish native plants for ecological restoration. Learn the scientific basis for guidelines on planning revegetation, selecting plant material, and formulating successful conservation and restoration plans for rare, threatened and endangered species.

Pre-requisites: FOR 5157 Principles and Practices of Ecosystem Restoration or instructor approval

<u>Instructor Contact Information</u>

Dr. Carrie Reinhardt Adams, Instructor

OFFICE: Environmental Horticulture, Bldg. 0068, Room 107

PHONE: 352-273-4502

EMAIL: Please use Canvas Messages

Office Hours: I am available most easily via email for quick questions. Please email to arrange a phone conference for in-depth discussion. Also, please join me for the *Three week instructor check-in* (details below).

Course Organization: HOS 6070 is a web-based course. The course will be managed through University of Florida's E-Learning system using the Canvas course management system (http://elearning.ufl.edu/Links to an external site.).

Learning Outcomes: By the end of the semester, students will be able to:

- Discern when active re-vegetation or when natural re-colonization can be relied upon for restoration.
- Explain ecological and horticultural implications of proper plant selection, production, and establishment for the purposes of restoration.
- Formulate and justify appropriate conservation and restoration plans for rare, threatened, and endangered species.

Course Logistics: Students may access lectures, assignments, readings, and supporting materials through the course Canvas site as they become available.

Technology Requirements:

- A computer or mobile device with high-speed internet connection.
- A webcam, headset and/or microphone, and speakers.
- Latest version of web browser. Canvas supports only the two most recent versions of any given browser.

Assessments & Grading: Your grade will be based on:

- **40%** Quizzes (4 each at 10% apiece)
- **25%** Peer Teaching Project
  - Teach peers about a selected topic in an engaging and thought-provoking manner by producing a 10 minute VoiceThread presentation. These presentations will be combined for a (exam-worthy) unit for this course on current issues in Plant Materials for Conservation and Restoration. A detailed assignment description, including grading rubric, is available under "Assignments".
- **25%** Weekly Discussion Posts
  - Discussion posts should be integrated into the discussion and will be graded as unsatisfactory (0/1 point), satisfactory (0.5/1 point), or excellent (1/1 point). See "Assignments" for detailed assignment description and grading rubric.
- **9%** Student Led Discussion
  - In groups, students will lead the weekly discussion by posting a question, moderating the discussion, and summarizing insight from the discussion for the week. See "Assignments" for detailed assignment description.
- **1%** Three-week Instructor Check-in
  - In Week 3 (*from 7PM-8PM on Wednesday of week 3*), there will be a required synchronous group chat with the instructor and classmates to provide an opportunity to field questions and further develop our community of learning. Come prepared with questions and be ready to make connections.

Note: a 10% late penalty per day will be applied to any assignments turned in past the due date.

Grade breakdown: Letter grades will be assigned as follows (no rounding for close grades):

94 – 100%	A
90 - 93%	A-
87 - 89%	B+
84 - 86%	B
80- 83%	B-
77 - 79%	C+
74 - 76 %	C
70- 73%	C-
65 – 69%	D+
60 – 64%	D
Below 60%	E

More information on current UF grading policies for assigning grade points can be found at

https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/

Make-up 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.

Required and Suggested Course Materials: Required readings will be assigned for each weekly unit and are available from the course website. Suggested readings for background and further reference:

- Falk, D.A., C.I. Millar, and M. Olwell (eds). 1996. *Restoring diversity: Strategies for reintroduction of endangered plants*. Island Press, Washington, DC.
- Center for Plant Conservation. 1995. *An Action Plan to Conserve the Native Plants of Florida*. Center for Plant Conservation, St. Louis, MO.
- Guerrrant, E.O., K. Havens, and M. Maunder (eds). 2004. *Ex situ plant conservation: Supporting species survival in the wild*. Island Press, Washington, DC.

Course Assessment: Students are expected to provide feedback on the quality of instruction in this course by completing a voluntary mid-semester course evaluation and a voluntary end-of-semester 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/Links to an external site. 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-complaintsLinks to an external site.

Teaching Philosophy: My teaching philosophy for this course is to create opportunities for students to experience concepts and practice their thinking within a discipline. Students need rigorous courses with clearly defined expectations and high standards to truly learn and retain concepts.   Students also obtain valuable knowledge from sharing experiences with peers that relate to course material.

Required information, according to University Syllabus Policy

Communication Courtesy and Professionalism

Just as in any professional environment, meaningful and constructive dialogue is expected in this class and requires a degree of mutual respect, willingness to listen, and tolerance of opposing points of view. **Respect for individual differences and alternative viewpoints will be maintained in this class at all times.** All members of the class are expected to follow rules of common courtesy, decency, and civility in all interactions. Failure to do so will not be tolerated and may result in loss of participation points and/or referral to the Dean of Students' Office.

Semester Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. 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 Policy

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 Conduct Code specifies a number of behaviors that are in violation of this code and the possible sanctions. See the UF Conduct Code website for more information. If you have any questions or concerns, please consult with the instructor or TAs in this class.

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). 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: https://policy.ufl.edu/regulation/4-040/

Inclusive Learning Environment

This course embraces the University of Florida's Non-Discrimination Policy, which reads, *The University shall actively promote equal opportunity policies and practices conforming to laws against discrimination. The University is committed to non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information and veteran status as protected under the Vietnam Era Veterans' Readjustment Assistance Act.*

Privacy Statement

Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate

exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

In-class recordings

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal education use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and deliver by an instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentation such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or guest lecturer during a class session.

Services for Students with Disabilities:

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center. See the "Get Started With the DRC" webpage on the Disability Resource Center site https://disability.ufl.edu/get-started/. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

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

1. **Whole Gator App**

The Whole Gator and website and app connects UF students with resources dedicated to supporting overall health and well-being. In addition to many of the resources below it also has strategies to practice self-care. https://one.uf.edu/whole-gator/topics

2. **Health and Wellness**

- U Matter, We Care: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit U Matter, We Care website to refer or report a concern and a team member will reach out to the student in distress.

- Counseling and Wellness Center: Visit the Counseling and Wellness Center website or call 352-392-1575 for information on crisis services as well as non- crisis services.

- Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit the Student Health Care Center website.

- University Police Department: Visit UF Police Department website or call 352-392-1111 (or 9-1-1 for emergencies).

- UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; Visit the UF Health Emergency Room and Trauma Center website.

- GatorWell Health Promotion Services: For prevention services focused on optimal wellbeing, including Wellness Coaching for Academic Success, visit the GatorWell website or call 352-273- 4450.

- Student Success Initiative, http://studentsuccess.ufl.edu

3. **Academic Resources**

- E-learning technical support: Contact the UF Computing Help Desk at 352-392-4357 or via e-mail at helpdesk@ufl.edu.

- Career Connections Center: Reitz Union Suite 1300, 352-392- 1601. Career assistance and counseling services.

- Library Support: Various ways to receive assistance with respect to using the libraries or finding resources. Call 866-281-6309 or email ask@ufl.libanswers.com for more information.

- Teaching Center: 1317 Turlington Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

- Writing Studio: Daytime (9:30am-3:30pm): 2215 Turlington Hall, 352-846-1138 | Evening (5:00pm-7:00pm): 1545 W University Avenue (Library West, Rm. 339). Help brainstorming, formatting, and writing papers.

4. **Student Complaints**

- Academic Complaints: Office of the Ombuds; Visit the Complaint Portal webpage for more information.

- Enrollment Management Complaints (Registrar, Financial Aid, Admissions): View the Student Complaint Procedure webpage for more information.

- Residential Course: https://www.ombuds.ufl.edu/complaint-portal/

- Online Course: https://pfs.tnt.aa.ufl.edu/state-authorization-status/#student-complaint