

BIOL-650-090

Invasive Species Seminar

T 05:30-07:00PM

GRICE MARINE LABORATORY 202 (virtual through Sept 8th at a minimum)

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Office Hours: By appointment

Overview:

The course will follow a journal club format with a large portion of the time being devoted to discussion of relevant literature. As such, students are expected to come to class prepared and ready to participate in class discussions. As a seminar class this outline is tentative and will likely be adjusted. Given the open nature of this seminar class students may request topics of specific interest for consideration. Assignments will include brief written reviews of assigned readings in addition to one or two oral presentations on a topic relevant to the seminar.

Grading:

33%- Attendance/Participation

33%- Class assignments

33%- Class presentations

Texts: None required; assigned journal readings will be provided

Academic Honor Code:

The academic honor code forbids lying, cheating, and plagiarism. Plagiarism is defined as presenting the work of others as your own and copying sources without citation. Plagiarism or cheating on an exam will result in an XF grade for the course. Students can find the complete Honor Code and all related processes in the *Student Handbook* at <http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php>

Absences:

Students are expected to **attend all classes**. Non-urgent/non-emergency situations (i.e. wedding, medical and/or counseling appointments, etc.) should be addressed by the student during times that do not interfere with the student's course schedule, just as one would if s/he was seeking time off from an employer. **It is important to note that the only individual who can authorize an excused absence is the professor of the missed class.**

In the event that a student misses a class with a legitimate, documentable reason, the student may bring documentation to the Absence Memo Office located at 67 George

Street (between Stern Center and Glebe Street) where the student may fill out a form with a schedule of missed class(es), dates missed, etc. A representative from the Absence Memo Office will notify the appropriate faculty by E-mail. Any missed assignments, class work, papers, tests, etc., are to be arranged between the professor and the student

Disability Statement: The College will make reasonable accommodations for persons with documented disabilities. Students should apply at the Center for Disability Services / SNAP, located on the first floor of the Lightsey Center, Suite 104. Students approved for accommodations are responsible for notifying me, during my office hours, as soon as possible and for contacting me one week before accommodation is needed.

The schedule and procedures described on this syllabus are subject to change in the event of extenuating circumstances.

Outline for Invasive Species Seminar

Week 1- Aug 25- Class overview and expectations

Week 2-Sept 1- Introduction to Invasion Ecology

Week 3-Sept 8- Biotic interactions and invasive species

Week 4-Sept 15- Species invasions, species diversity and community saturation

Week 5-Sept 22- Propagule Pressure

Week 6-Sept 29- Posters presentations-Species characteristics

Week 7-Oct 6- Species characteristics

Week 8-Oct 13- Genetics

Week 9-Oct 20- Genetics continued

Week 10-Oct 27- Ecosystem change

Week 11-Nov 3- Election Day No Classes

Week 12-Nov 10- Vector Management

Week 13-Nov 17- Presentations

Week 14- Nov 24- Presentations

Week 15- Dec 1- TBD