

## **Broader Impacts of Science on Society**

ZOO 6927 (sect. 2B56), BOT 6935 (sect. 2B57), GEO 6932 (sect 2F68)

### **Catalog Description**

There is an increasing emphasis on the relevance of what a scientist does and how we impact society in general. This is manifested in many ways, for example, NSF now requires “Broader Impact” statements in grant proposals and explicit plans for how these kinds of activities will be accomplished. This course will explore ways in which scientists can increase our impact, particularly to society at large. During this seminar-format course, students will engage in active participation and discussion. The beginning of the course will feature presentations by the instructor and invited speakers, and preparations for the class project(s). The remainder of the course will primarily be driven by students’ interests.

### **Credit Hours**

2

### **Pre-requisites and Co-requisites**

None

### **Course Objectives**

By the end of the course, the student will be able to:

- evaluate broader impacts proposals from other researcher
- design many types of broader impacts initiatives at UF
- find partners, develop, and initiate broader impact at their tenure-track institution

### **Instructor Information**

Name: David Reed

Office location: Dickinson Hall

Telephone: 273-1971

E-mail address: dlreed@ufl.edu

Web site: [www.flmn.h.ufl.edu/mammals](http://www.flmn.h.ufl.edu/mammals)

Office hours: 30 mins after class and by apt

Name: Bruce MacFadden

Office location: Dickinson Hall

Telephone: 273-1937

E-mail address: bmacfadd@flmn.h.ufl.edu

Web site: [www.flmn.h.ufl.edu/vertpaleo](http://www.flmn.h.ufl.edu/vertpaleo)

Office hours: 30 mins after class and by apt

### **T/A Information**

Name:

Office location:

Telephone:

E-mail address:

Web site:

Office hours:

### **Course Meeting Time(s)**

Tuesdays, periods 7 and 8 (1:55-3:45pm)

### **Course Meeting Location(s)**

Carr Hall, Room 222 (Biology Dept. Library)

### **Course Sakai**

Course materials and related information will be posted on Sakai

<https://> (add URL here)

You are responsible for all announcements made in class and/or posted on the course website for this course.

**Fees****Material and Supply Fee**

N/A

**Equipment Fee**

N/A

**Other Fees**

N/A

**Required Materials****Textbook or Other Readings**

N/A

**Software**

N/A

**Other Materials (e.g., clickers, instruments, etc.)**

N/A

**Recommended Materials****Textbooks or Other Readings**

N/A

**Software**

N/A

**Other Materials**

N/A

**Course Schedule (tentative)**

See course website

**Attendance Policy**

[Attendance is not required *per se*, however participation accounts for 30% of your final grade.]

**Grading**

- Project: 40 points (40% of final grade)
- Presentation and written questions: 30 points each (30% of final grade)
- Class Participation: 30 points (30% of final grade)

### Grading Scale

Point Range (%)	Letter Grade	GPA equivalent
≥ 90.00	A	4.0
86.7 – 89.9	A-	3.67
83.3 – 86.6	B+	3.33
80.0 – 83.2	B	3.0
76.7 – 79.9	B-	2.67
73.3 – 76.6	C+	2.33
70.0 – 73.2	C	2.0
66.7 – 69.9	C-	1.67
63.3 – 66.6	D+	1.33
60.0 – 56.7	D	1.0
56.7 – 53.3	D-	0.67
< 53.3	E	0

### Grade Curve Policy

[None will be given]

### UF Counseling Services

- Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:
  - UF Counseling & Wellness Center, 3190 Radio Rd, 392-1575, psychological and psychiatric services.
  - Career Resource Center, Reitz Union, 392-1601, career and job search services.
- Many students experience test anxiety and other stress related problems. “A Self Help Guide for Students” is available through the Counseling Center (301 Peabody Hall, 392-1575) and at their web site: <http://www.counsel.ufl.edu/>.

### Honesty Policy

- All students registered at the University of Florida have agreed to comply with the following statement: “I understand that the University of Florida expects its 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.”
- In addition, on all work submitted for credit the following pledge is either required or implied: *“On my honor I have neither given nor received unauthorized aid in doing this assignment.”*
- If you witness any instances of academic dishonesty in this class, please notify the instructor or contact the Student Honor Court (392-1631) or Cheating Hotline (392-6999). For additional information on Academic Honesty, please refer to the University of Florida Academic Honesty Guidelines at: <http://www.dso.ufl.edu/judicial/procedures/academicguide.html>.

### Accommodation for Students with Disabilities

- Students who will require a classroom accommodation for a disability must contact the Dean of Students Office of Disability Resources, in Peabody 202 (phone: 352-392-1261). Please see the University of Florida Disability Resources website for more information at: <http://www.dso.ufl.edu/drp/services/>.

- It is the policy of the University of Florida that the student, not the instructor, is responsible for arranging accommodations when needed. Once notification is complete, the Dean of Students Office of Disability Resources will work with the instructor to accommodate the student.

**Software Use**

All faculty, staff and student 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.