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Office Hours (Andreu): Mon. 10:30 – 12:00 & Wed. 11:00 – 12:00 or email for appointment.

Teaching Assistant: David Fox ([dafoxfl1@ufl.edu](mailto:dafoxfl1@ufl.edu)) (352) 846-2374

Class Schedule: Friday Period 5-7 (11:45 am to 2:45 pm)

Class Location: [222 Newins-Ziegler Hall](#) and various field sites

**Course Description:** A general course for students interested in management, use, and conservation of forest resources. Topics include resource description, historical perspectives, current issues, forest biology and management principles. The first part of the semester will focus on establishing a basic knowledge of tree biology and forest ecosystem ecology. The later part of the course will explore the complexity of current issues and their links to forests. Together we will expand our understanding of how forests influence nearly every aspect of our daily lives.

The instructors wish to share the following ideas with students:

- Forests are amazingly complex systems, no matter the scale of investigation.
- People are part of the forest ecosystem and depend on forests in many ways, from daily subsistence to personal recreation to wealth-building.
- Forests are resilient in their ability to overcome disturbances, whether natural or man-made. However, that does not negate the need for wise stewardship. Advances in science research give forest stewardship its direction.

**Course Objectives:** Upon completing the course, students will:

- Explain the fundamentals of tree biology and be able to apply these principles to broader issues
- Articulate how forest stand dynamics influence how forests are managed and utilized.
- Synthesize scientific writings and relate to current issues discussed.
- Describe how science can be used by human society to conserve forests.

**Teaching Methods:** Lecture, discussion, field study, on-line resources, student presentations, demonstrations, assigned readings.

## Required Texts:

Flannery, 2001. *The Eternal Frontier: An ecological history of North America and its peoples*. New York, Atlantic Monthly Press.

Smith, Patrick D., 1996, c1984. *A Land Remembered*. Sarasota, Fla., Pineapple Press.

## Class Attendance:

As an adult you are expected to assume the responsibility of choosing when absence from class is to your personal or professional advantage. **Attendance will be part of your grade and sign-out attendance sheets will be provided at the end of each class period.** For whatever reason may justify your absence, **you are entirely responsible for obtaining the information missed from someone other than the instructor/TA.** In general, no make-up tests will be given for absence from the exams. Of course, some situations might merit exceptions such as hurricanes, death in the family, serious illness, or a visit from Mick Jagger (but not Justin Bieber).

**Field trips are an integral part of this course and are not optional.**

## Course Activities

*Lectures* will be directed discussions, explanations and question/answers from the material that you have been assigned to read. They will also contain additional information that is not in the readings. I may make lecture slides available electronically for you to access but **not until after class.**

*Lecture Exam* will be comprehensive, covering all material presented in lectures and reading assignments from the beginning of the course. The format of the exam may include definitions, compare/contrast, short answer, fill in the blanks, multiple choice, true/false, list/explain and maybe short essay questions.

*Field Trips:* We will be holding class in the field on the following dates: Aug 24, Aug 31, Sept 21, Oct 12, and Oct 26. You will be responsible for bringing, snacks, water bottle (we will have a cooler for refills), and wearing appropriate field gear. We will be hiking in the forest, sometimes off-trail. **The field trip on October 12 will extend until 5 pm which is beyond our usual meeting time. If you have class(es) on that Friday during Periods 8 and/or 9, you will need permission from the instructors of those classes to miss class that day.**

*Readings:* In addition to the required texts, there will be assigned readings given to you most weeks. These may be salient articles we found in a magazine, journal or newspaper, or something given to us by a guest lecturer for you to read prior to their discussion. All readings will be considered “fair game” for the written assignments or exams. You can find them electronically on Sakai (under the resources folder, “assigned readings”). There are additional optional resources also posted in Sakai. These are for YOUR benefit and are intended to help learn about the topic.

**If you have questions regarding any assignments, projects, etc., refer to the syllabus or Sakai BEFORE contacting the instructors/TA.**

*Assignments:* All assignments are itemized below along with due dates and point values. All instructions for these assignments will be given verbally in class and through Sakai. Most

assignments will be turned in through Sakai (assignments folder) and subject to review by the TURNITIN plagiarism software.

**Developing your professional communication skills is vital to your future success, no matter what your major.** All written assignments will be graded on content, logical flow, spelling, grammar, and proper use of vocabulary. Individually, written assignments only carry point values between 4 and 6 but collectively, they add up! Poor writing skills can degrade your grade quickly – yes, awkward, error-filled prose can negate awesome ideas. If your writing needs improvement, take advantage of the UF Reading and Writing Center (<http://www.at.ufl.edu/rwcenter/>) in 302 Tigert Hall.

<b>FOR3004 : Forest Conservation &amp; People 2012 Class Schedule</b>			
(I reserve the right to adjust this throughout the semester. Assignments will be posed in Sakai)			
<b>Week</b>	<b>Date</b>	<b>Topics</b>	<b>Class Location</b>
1	24-Aug	Course introduction	NZ222, <i>ACMF*</i>
2	31-Aug	Basic tree ID, habitats, soils	<i>NATL*</i>
3	7-Sep	Basic Tree biology, Forest Biomes	NZ222
4	14-Sep	Forest Disturbances, Stand Dynamics	NZ222
5	21-Sep	Stand Dynamics demonstration	<i>ACMF*</i>
6	28-Sep	Exam, Greatest Good Pt 1 & 2	NZ222
7	5-Oct	What is a forest? Ecosystem Services/products (Northrop)	NZ222
8	12-Oct	Field Trip to Privately-Owned Timberland	<i>Canaan Ranch*</i>
9	19-Oct	Canaan Ranch discussion, Greatest Good Pt 3 & 4	NZ222
10	26-Oct	Field Trip to Publicly-Owned Forestland	<i>San Felasco Hammock*</i>
11	2-Nov	Nature Deficit Disorder (Oyenarte)	NZ222
12	9-Nov	Homecoming – NO CLASS	
13	16-Nov	Bioenergy	NZ222
14	23-Nov	Thanksgiving – NO CLASS	
15	30-Nov	Biodiversity, Forest Based Communities	NZ222
<b>* = Field Trip = Dress appropriately</b>			

## Grading

Grades for the course will be based on a total of 100 points, allocated as shown below.

<b>FOR3004 : Forest Conservation &amp; People 2012 Assignment Schedule</b>				
<b>Week</b>	<b>Assigned</b>	<b>Assignment</b>	<b>Due</b>	<b>Points</b>
1	24-Aug	Quiz in Sakai	31-Aug	1
1	24-Aug	Favorite Tree diary	2-Nov	6
1	24-Aug	"Eternal Frontier" Read Acts 4 & 5 pgs.173 - 357, written assignment TBD.	7- Sept	8
2	31-Aug	10 Tree Species Leaf Collection	28-Sept	5
3	7-Sept	Read Disturbance review paper. Write 10 questions.	14-Sept	4
4	14-Sept	Disturbance second written assignment	21-Sept	4
5	21-Sept	Read "A Land Remembered" and written assignment TBD	26-Oct	8
6	28-Sept	Written Exam	In Class	10
6	28-Sept	Final Project	7-Dec	15
6	28-Sept	Florida Forest History/products writing assignment	5-Oct	4
7	5-Oct	24 hr Forest Products Diary	12-Oct	4
8	12-Oct	Canaan Ranch writing assignment	19-Oct	4
9	19-Oct	Greatest Good writing assignment	26-Oct	4
10	26-Oct	Nature Deficit Disorder readings	2-Nov	
11	2-Nov	Summary paper on Nature Deficit Disorder discussion	9-Nov	4
11	2-Nov	Bioenergy/Biomass reading	16-Nov	
13	16-Nov	On-line Bioenergy/Biomass quiz	16-Nov	6
13	16-Nov	Biodiversity readings	30-Nov	
	7-Dec	Final Project Due	7-Dec	
		Attendance		13

**Policy on Questioning Test Scores:** Questions on quiz or exam scores must be addressed before the end of the next class period after the exams are returned.

**Final Grades:** Grading follows University standards and is based on the following scale (no rounding up/down):

100-93%	= A	77-73%	= C
90-92%	= A-	72-70%	= C-
89-88%	= B+	69-68%	= D+
87-83%	= B	67-63%	= D
82-80%	= B-	62-60%	= D-
79-78%	= C+	≤59%	= E

### Proper attire and preparation for field trips:

- Long pants, long sleeved shirt, socks, and sturdy closed-toe shoes or boots are suggested as our field trips may take us off the beaten path. Dress to get muddy, wet, and sweaty – it’s part of the shared experience so relax and enjoy.
- Field labs happen rain or shine (only lightning or hail will send us scurrying to the vans). If you have a poncho which folds up small, you might want to bring it.
- Apply sunscreen before you leave campus so it has time to soak in. A hat will help keep sun off your face.
- Bug Spray with 20% DEET for exposed skin to keep mosquitoes away AND Repel Permanone treatment for clothing to repel ticks and chiggers. (Wal-Mart, Target etc. should have all the selection you need).
- Bring a water bottle, preferably one with a carabineer so you can clip it to your belt. We will have water coolers so you can refill.
- Bring a snack if you don’t have time for lunch before class (a ‘quiet’ snack if we will be in the classroom).
- Bring something to write on (notebook, clip board) and something to write with (hint: pencil notes don’t run in the rain like those written in ink).
- A **POSITIVE ATTITUDE** sure makes learning about trees and plants a whole lot more fun.

The following is important information you need to know when working outdoors:

- Chiggers: <http://edis.ifas.ufl.edu/pdffiles/IG/IG08500.pdf>
- Ticks & Lyme Disease: <http://edis.ifas.ufl.edu/pdffiles/MG/MG20400.pdf> or <http://fmel.ifas.ufl.edu/buzz/clticks.shtml>
- West Nile Virus: <http://edis.ifas.ufl.edu/IN117>
- Heat: [http://solutionsforyourlife.ufl.edu/hot\\_topics/agriculture/heat\\_stress.html](http://solutionsforyourlife.ufl.edu/hot_topics/agriculture/heat_stress.html)
- Dehydration: <http://fineinstitute.com/patient-education/?id=11913&lang=English&db=hlt&ebscoType=static&widgetTitle=Spinal+Links>

## **Academic Honesty (I take this very seriously)**

In 1995 the UF student body enacted a new 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. In adopting this honor code, the students of the University of Florida recognize that academic honesty and integrity are fundamental values of the university community. Students who enroll at the university commit to holding themselves and their peers to the high standard of honor required by the honor code. Any individual who becomes aware of a violation of the honor code is bound by honor to take corrective action. The quality of a University of Florida education is dependent upon community acceptance and enforcement of the honor code.

**The Honor Code: 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.”**

The university requires all members of its community to be honest in all endeavors. A fundamental principle is that the whole process of learning and pursuit of knowledge is diminished by cheating, plagiarism and other acts of academic dishonesty. In addition, every dishonest act in the academic environment affects other students adversely, from the skewing of the grading curve to giving unfair advantage for honors or for professional or graduate school admission. Therefore, the university will take severe action against dishonest students. Similarly, measures will be taken against faculty, staff and administrators who practice dishonest or demeaning behavior. Students should report any condition that facilitates dishonesty to the instructor, department chair, college dean or Student Honor Court. (*Source: 2007-2008 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 wellbeing are encouraged to utilize the university's counseling resources.

- *Crisis Emergency Resource Center*, (4th Floor of Peabody Hall), (352) 392-1575 and ask for emergency consultation.

Confidential counseling services are available 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.

- *University Counseling and Wellness Center*, (3190 Radio Road), (352) 392-1575  
<http://www.counseling.ufl.edu/cwc/>
- *Career Resource Center*, (First floor, Reitz Union), (352) 392-1601  
<http://www.crc.ufl.edu/>
- *Student Health Care Center*, (Infirmary Building, 280 Fletcher Drive), (352) 392-1161  
<http://shcc.ufl.edu/contact/>

## Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues.

- *Disability Resource Center*, (001 Reid Hall), (352) 392-8565  
<http://www.dso.ufl.edu/drc/>