Main course objective:

Enhance knowledge and skills of research techniques for carrying out interdisciplinary, applied research in tropical conservation and development.

Required textbooks, available at Goering’s Books and Bagels:


Assignments
Ordway Field Trip and Assignment
Draft of a research proposal
Peer-review of the three proposals
Stakeholder Report and Presentation
Final Research Proposal

Grading Criteria
Class attendance and Participation 15%
Ordway Trip and Assignment 10%
Draft of Proposal 15%
Peer Reviews 10%
Stakeholder report and presentation 25%
Final Proposal 25%
<table>
<thead>
<tr>
<th>DATE</th>
<th>TOPIC</th>
<th>ASSIGNMENT DUE</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 26</td>
<td>Introductions&lt;br&gt;Aplied Research Basics&lt;br&gt;IRB / IACUC&lt;br&gt;Proposal Assignment&lt;br&gt;Stakeholder Assignment</td>
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<tr>
<td>Sept. 2</td>
<td>Intro to Computer Lab&lt;br&gt;Experimental Design / Stakeholder Analysis</td>
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<tr>
<td>Sept. 9</td>
<td>Linking Theory and Methods / Interviewing, questionnaires, &amp; informant recall</td>
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<td>FIELD TRIP TO ORDWAY PRESERVE SEPTEMBER 11</td>
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<tr>
<td>Sept.16</td>
<td>Guest Speaker: Tita Alvira&lt;br&gt;Participatory research / Ethnography / Time Allocation</td>
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<td>Sept.23</td>
<td>Species concepts&lt;br&gt;Estimating biodiversity&lt;br&gt;Value of Biodiversity / Ecosystem Services</td>
<td>ORDWAY FIELD ASSIGNMENT / PRESENTATION</td>
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<tr>
<td>Sept.30</td>
<td>Overview of GIS / Ethnobiological Methods</td>
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<td>Oct. 7</td>
<td>Guest Speaker: Chris McCarty&lt;br&gt;Social Network Analysis</td>
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<td>Oct. 14</td>
<td>Introduction to Peer Review &amp; Evaluating Research Effective Presentations</td>
<td>DRAFT PROPOSAL</td>
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<tr>
<td>Oct. 21</td>
<td>Population structure and abundance</td>
<td>PEER-REVIEW</td>
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<tr>
<td>Oct. 28</td>
<td>No class: free day to work on stakeholder projects</td>
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<tr>
<td>Nov. 4</td>
<td>Presentations of Group Project</td>
<td>STAKEHOLDER PROJECT</td>
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<td>Nov. 11</td>
<td>Veterans day Holiday</td>
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<tr>
<td>Nov. 18</td>
<td>Harvesting of natural resources</td>
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<td>Nov. 25</td>
<td>Thanksgiving Holiday</td>
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<tr>
<td>Dec. 2</td>
<td>Managing a research project&lt;br&gt;Class evaluation</td>
<td>FINAL PROPOSAL &amp; PROPOSAL PRESENTATION</td>
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</table>
READING ASSIGNMENTS


No readings

Sept. 2: Experimental Design, Proposal Assignment / Linking Theory and Methods


Krebs, Charles J. “Experimental designs” (Chapter 10)

Bernard Ch. 1-5

http://irb.ufl.edu/irb02/index.html
http://iacuc.ufl.edu/

Sept. 9: Interviewing, questionnaires, & informant recall
Bernard Ch.6-8, 13-15

Sept. 16: Participatory Methods / Ethnography
Bernard Ch. 9-12

Sept. 23: Species concepts, estimating biodiversity, value of biodiversity, ecosystem services


Sept. 30: Overview of GPS/GIS
No readings
Oct. 7: Ethnobiological Methods  
No readings

Oct. 14: Introduction to Peer Review & Evaluating Research / Effective Presentations  


Oct. 21: Population structure and abundance  


Oct. 28: No class- free day to work on stakeholder projects  
No readings

Nov. 4: Presentations of Group Project  
No readings

Nov. 11: Veterans day Holiday  
No readings
Nov. 18: Harvesting of natural resources


Nov. 25: Thanksgiving Holiday
No readings

Dec. 2: Managing a research project / Class evaluation

University of Florida Policies

Honesty:
As a result of completing the registration form at the University of Florida, every student has signed 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."

UF Counseling Services:
Resources are available on-campus for students having personal problems or lacking a clear career and academic goals which interfere with their academic performance. These resources include:
1. University Counseling Center, 301 Peabody Hall, 392-1575, personal and career counseling;
2. Student Mental Health, Student Health Care Center, 392-1171, personal counseling;
3. Sexual Assault Recovery Services (SARS), Student Health Care Center, 392-1161, sexual counseling; and
4. Career Resource Center, Reitz Union, 392-1601, career development assistance and counseling.

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.

Disabilities Accommodations:
Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.