Credits: 2
Schedule: Tuesdays & Thursdays, 5th period (11:45 am - 12:35 pm)
Location: CSE E222 & CSE E119 (Computer Science)

Instructor: Dr. Nico Cellinese
354 Dickinson Hall
Florida Museum of Natural History
Museum Road & Newell Drive
Gainesville, FL 32611
TEL: (352) 273-1979
Email: ncellinese@flmnh.ufl.edu

Office hours: By appointment or drop by office

Prerequisites: None

Course description
This course examines patterns in the distribution of plants around the earth and addresses many of the factors that influence plant geography. We will consider similarities of plant communities in different parts of the world as well as common distribution patterns among individual taxa. Methods for inferring biogeographic history and predicting future changes in plant distribution will be discussed.


Objectives and basis for grading

Lectures
Lectures will provide an overview of major topics in plant geography. Students will be introduced to a broad variety of ideas and methods. Attendance will be graded.

Exams
One mid-term exam and one final exam will test the student's understanding of course topics, as covered by lectures, in assigned reading and in some discussions. The exams will include multiple questions requiring short answers (not multiple choices).
**Grading**

<table>
<thead>
<tr>
<th>% by activity</th>
<th>% of final grade</th>
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<tbody>
<tr>
<td>Mid-term exam</td>
<td>50</td>
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<tr>
<td>Final exam</td>
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94.0-100% A  
90.0-93.9% A-  
87.0-89.9% B+  
84.0-86.9% B  
80.0-83.9% B-  
77.0-79.9% C+  
74.0-76.9% C  
70.0-73.9% C-  
67.0-69.9% D+  
64.0-66.9% D  
60.0-63.9% D-  
<60% E

**Assignments and attendance policy**

Attendance at class and seminars is expected, and students should be prepared to justify absences. Frequent absences will certainly result in the student being less able to effectively answer exam questions. No make-up exams will be given unless exceptional circumstances arise.

**Lecture Topics**

- January 5: Introduction to course and biogeography
- January 7: World climate and Vegetation Pt. 1
- January 12: World climate and Vegetation Pt. 2
- January 14: Major Biomes: Mediterranean habitats Pt. 1
- January 19: Major Biomes: Mediterranean habitats Pt. 2
- January 21: Major Biomes: Mediterranean habitats Pt. 3
- January 26: Major Biomes: The Tropics Pt. 1
- January 28: Major Biomes: The Tropics Pt. 2
- February 2: Major Biomes: The Tropics Pt. 3
- February 4: Major Biomes: Savannas
- February 9: Major Biomes: Deserts Pt. 1
- February 11: Major Biomes: Deserts Pt. 2
- February 16: Major Biomes: Temperate forests
- February 18: Major Biomes: Temperate rainforests and Boreal forests
- February 23: Major Biomes: Boreal forests and Tundra
- February 25: Major Biomes: Temperate Grasslands

**Spring Break**
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>March 8</td>
<td><strong>Mid-term exam</strong></td>
</tr>
<tr>
<td>March 10</td>
<td>Geological times and plate tectonics Pt1</td>
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<tr>
<td>March 15</td>
<td>Geological times and plate tectonics Pt2</td>
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<td>March 17</td>
<td>Tree-Thinking</td>
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<tr>
<td>March 22</td>
<td>Evolution Pt1</td>
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<tr>
<td>March 24</td>
<td>Evolution Pt2</td>
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<tr>
<td>March 29</td>
<td>Evolution Pt3</td>
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<td>March 31</td>
<td>Vicariance, disjunction, dispersal, endemism and extinction</td>
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<tr>
<td>April 5</td>
<td>Patterns of distribution and major disjunctions</td>
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<tr>
<td>April 7</td>
<td>Island Biogeography Pt. 1</td>
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<tr>
<td>April 12</td>
<td>Island Biogeography Pt. 2</td>
</tr>
<tr>
<td>April 14</td>
<td>Island Biogeography Pt. 3</td>
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<tr>
<td>April 19</td>
<td>Species/Area conservation</td>
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<tr>
<td>April 28</td>
<td><strong>Final Exam</strong></td>
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**Class Demeanor Expected by Instructor:** Students should be considerate, polite, open-minded, objective and show interest in the work of others. UF rules prohibit having food or drinks in classrooms. Use of tobacco products (in any form) in the classroom is prohibited.

**Additional General Information:** The following information applies to all courses at the University of Florida.

**We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standard of honesty and integrity.**

**Academic 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."

**Copyrighted Materials and Software Use:** All students are required and expected to obey the laws and legal agreements governing copyrighted material and 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.

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

**University Counseling Services:** Resources are available on-campus for students having personal problems or lacking 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