

GEO2200L: Physical Geography Lab ONLINE

Summer A 2017 1 Credit Hour

Instructor: Aghane Antunes

agantunes@ufl.edu

Office hours: Online By appointment

1. Course Overview

Course Description Laboratory in Physical Geography

Course Website: <http://lss.at.ufl.edu/>

Purpose of Course: This laboratory satisfies the physical science laboratory requirement. It is designed to give an overview of the development, distribution, and interrelationships of landforms, climates, minerals, soils, and water resources.

Course Objectives:

- Explain the development and distribution of landforms, climates, minerals, soils and water resources.
- Describe the interrelationships among the physical environment and regional patterns formed by these elements.
- Use software such as Google Earth, and ArcGIS to answer questions related to geography.

Instructional Methods: This course is 100% online. To access the course, please log on to Canvas (<http://lss.at.ufl.edu>). The best way to get an overview of the course assignments, due dates and materials is to visit “Modules” on the course’s Canvas page. The course is a combination of PowerPoint audio lectures followed by corresponding lab assignments. Reviewing the lecture slides and audios is the first resource for all course material. Lab assignments will be completed by using web resources and the application of Geographic Information Systems (GIS). In addition, you must write two (2) article summaries. To access ArcGIS and Google Earth softwares, please log on to UF Apps (<https://info.apps.ufl.edu>)

Prerequisite Knowledge and Skills: None. Although you may be also enrolled in the GEO 2200 Physical Geography course, do not worry if you haven’t taken that course yet.

Course Communications: You are responsible for keeping up with announcements made on Canvas.

2. Course Policies

Lab assignments: You will be responsible for turning in twelve (12) labs in total, two each week. The points for each lab vary, and each lab must be turned in by the due date. Feel free to discuss the ideas presented in the labs with each other, but do not turn in labs with the same answers. **This will not be tolerated and you will be subsequently penalized!**

Article summaries: In addition to the labs, you will be required to submit two (2) written article summaries. Each article is worth 25 points, for a total of 50 points. Article summaries are due on the due date. Articles must be taken from a peer-reviewed journal. The article must have been recently published (within the last 2 years). Each article summary is required to be MAXIMUM 2 pages in length, 1" margins, 12-pt., and Times New Roman font. Article summaries must be double-spaced. Summarize the article and identify how it relates to physical geography, including topics discussed in this course. Be sure to cite the article used in MLA format. Please see this website to learn how to properly cite bibliography materials (an infinitely important skill for your college career): <http://library.duke.edu/research/citing/>

Recommended Journals: The Professional Geographer, Annals of the Association of American Geographers, GeoForum, Science, Journal of Physical Geography, Applied Geography, Landscape Ecology, Earth Island Journal, Journal of Hydrology, International Journal of Remote Sensing, Journal of Biogeography, Ecology, Ecological Applications, Diversity and Distributions

Make-up Policy: Without prior warning, I will **NOT** accept late labs. YOU WILL GET A ZERO FOR MISSED LABS. I understand that unexpected events occur. If such events (illness, personal problems, family, etc.) happen to you, please contact me ASAP. If you have a documented excuse for missing a lab, you will not be penalized. You will be allowed to drop your *lowest* lab grade.

Recommended Software: Google Earth, ArcGIS, basic sketch software (ex: PowerPoint, MS Paint, etc.), and software that shows worked equations (ex: [CodeCogs](#)).

Grading Scale

<i>Grade</i>	<i>Percent (%)</i>
A	100 - 93
A-	92.9 - 90
B+	89.9 - 87
B	86.9 - 83
B-	82.9 - 80
C+	79.9 - 77

<i>Grade</i>	<i>Percent (%)</i>
C	76.9 - 73
C-	72.9 - 70
D+	69.9 - 67
D	66.9 - 63
D-	62.9 - 60
E	59.9 - 0

3. Summer B 2017 Course Schedule*

Week	Labs	Due Date
Week 1	Lab 1: Earth Sun Relationships Lab 2: Temperature Patterns	11:59 PM 06/30/2017
Week 2	Lab 3: Water Resources Lab 4: Soils, Biomes & Ecosystems	11:59 PM 07/07//2017
Week 3	Lab 5: Plate Tectonics, Earthquakes and Volcanoes Lab 6: Oceans, Tsunami and Coral Reefs **Article Summery 1 due by this week	11:59 PM 07/14/2017
Week 4	Lab 7: Tropical Cyclones Lab 8: Topographic Maps	11:59 PM 07/21/2017
Week 5	Lab 9: GPS Lab 10: Google Earth	11:59 PM 07/28/2017
Week 6	Lab 11: GIS Lab 12: Remote Sensing **Article Summery 1 due by this week	11:59 PM 08/04/2017

6. UF Policies

University Policy on Accommodating Students with Disabilities: Students requesting accommodation for disabilities must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drc/>). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive. Therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.

University Policy on Academic Misconduct: Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at <http://www.dso.ufl.edu/students.php>.

THE INSTRUCTOR RESERVES THE RIGHT TO MAKE CHANGES TO THE SYLLABUS ANTIME DURING THE COURSE OF THE SEMESTER

Contributing Authors and Editors: Joseph Andreoli, Johanna Engstrom, Yao Zhou, Michael Dobbins, Carly Muir, Aghane Antunes, Dr. Jane Southworth and Caroline Parks.

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