

DEPARTMENT OF GEOGRAPHY
UNIVERSITY OF FLORIDA
PHYSICAL GEOGRAPHY LAB - GEO 2200L

Spring 2020

Copyright © 2020
Department of Geography
University of Florida

Physical Geography Lab

GEO2200L – Spring 2020

1 Credit Hour

Instructor: Shreejana Bhattarai (s.bhattarai@ufl.edu)

Office Hours: By appointment

1. Course Overview

Course Description Laboratory in Physical Geography

Course Website: <http://elearning.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 Goals and/or Objectives: *By the end of this course, students will be able to:*

- ⌚ 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 to answer questions related to geography.

Instructional Methods: This course is a combination of PowerPoint lectures followed by corresponding lab assignments. Make sure you follow the attached course schedule. Lab assignments will be completed by using web resources and the application of Geographic Information Systems (GIS).

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: Announcements will be through Canvas.

2. Course Policies

Lab assignments: You will be responsible for turning in 11 labs in total that are set up in multiple choice format and based on readings and lecture material.

Missed Labs / NON submission / NON Upload: Without prior warning I will **NOT** allow submission of late labs, if you email them to me after the deadline, I will just ignore it. YOU WILL GET A ZERO FOR MISSED LABS. If you have a problem, email me with sufficient time before the deadline (not 5 minutes to the deadline) and I may give an extension, provided you have documentation for the extenuating circumstance.

Make-up Policy: 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 be permitted to turn in the lab later.

Grading Scale

A	93.00-100%	A-	90.0-92.9%	
B+	87.00-89.9%	B	83.0 -86.9%	B- 80.0-82.9%
C+	77.00-79.9%	C	73.0-76.9%	C- 70.0-72.9%
D+	67.0-69.9%	D	63.0-66.9%	D- 60.0-62.9%
E	Less than 60%			

3. Spring 2020 Course Schedule

Assignment	Points	Due Date
Lab 1	24	11:59 PM 1/19
Lab 2	25	11:59 PM 1/26
Lab 3	24	11:59 PM 2/2
Lab 4	24	11:59 PM 2/9
Lab 5	24	11:59 PM 2/16
Lab 6	24	11:59 PM 2/23
Lab 7	24	11:59 PM 3/8
Lab 8	24	11:59 PM 3/15
Lab 9	24	11:59 PM 3/22
Lab 10	24	11:59 PM 3/29
Lab 11	24	11:59 PM 4/12

*Course schedule and points subject to change

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>.

Physical Geography Lab Table of Contents

Lab 1: Earth-Sun Relationships

Lab 2: Temperature Patterns

Lab 3: Water Resources

Lab 4: Soils, Biomes & Ecosystems

Lab 5: Plate Tectonics, Earthquakes and Volcanoes

Lab 6: Oceans, Tsunami and Coral Reefs

Lab 7: Tropical Cyclones

Lab 8: Topographic Maps

Lab 9: GPS

Lab10: Google Earth

Lab11: Remote Sensing

Contributing Authors and Editors:

Kofi Adu-Brempong, Andrea Gaughn, Cerian Gibbes, Matthew Graham, Samuel Ledermann, Phillip Morris, Risa Patarasuk, Ashish Patel, Kimly Reth, Sam Schramski, Michael Selover, Huiping Tsai, Andrea Wolf , Ying Wang and Keith Yearwood, Stephanie Mundis, Shreejana Bhattarai