C-ID Descriptor
Physical Geography, Laboratory

Descriptor Details

- **Descriptor Title**: Physical Geography, Laboratory
- **C-ID Number**: 111
- **Units**: 1.0
- **Date of Last Revision**: 10/12/2017 04:43:57 PM PDT

General Description

This course is design to provide supplemental exercises in topics covered in Physical Geography lecture. Lab experience will include map analysis and interpretation, weather prognostication, landform processes and evolution, tectonics, biogeography, and habitat analysis.

Prerequisites

Successful completion of or concurrent enrollment in Physical Geography (C-ID GEOG 110).

Corequisites

No information provided

Advisories

Elementary Algebra

Content

1. Overview of the size, shape, and movements of the Earth in space and their importance to environmental patterns and processes;

2. Overview of the atmospheric, geomorphological, and biotic processes that shape the Earth's surface environments;
3. Overview of the global distribution of the world's major climates, ecosystems, and physiographic (landform) features;
4. Overview of the basic concepts of physical geography in the analysis of real-world variations in environmental patterns; and
5. Overview of the scientific method and practical experience using the tools and concepts of physical geography (laboratory component).

Lab Activities

Utilize laboratory activities related to course content in lecture class. Laboratory activities include but are not limited to:

1. Map interpretation
2. Geographic grid
3. Landform interpretation
4. Earth-Sun relationships
5. Weather and climate
6. Common rock identification
7. Biogeography
8. Plate Tectonics

Objectives

At the conclusion of this course, the student should be able to:

1. Applications and activities related to the size, shape, and movements of the Earth in space and their importance to environmental patterns and processes;
2. Applications and activities related to the atmospheric, geomorphological, and biotic processes that shape the Earth's surface environments;
3. Applications and activities related to the global distribution of the world's major climates, ecosystems, and physiographic (landform) features;
4. Applications and activities related to basic concepts of physical geography in the analysis of real-world variations in environmental patterns; and
5. Applications and activities related to the scientific method and practical experience using the tools and concepts of physical geography (laboratory component).

Evaluation Methods

1. Lab exercises
2. Midterm
3. Final examination

Textbooks

Applied Physical Geography in the Laboratory for Geosystems: An Introduction to Physical Geography (Christopherson)