

C-ID Descriptor

Regional Field Studies

Descriptor Details

- **Descriptor Title:** Regional Field Studies
- **C-ID Number:** 160
- **Units:** 1
- **Date of Last Revision:** 10/12/2017 04:44:05 PM PDT

General Description

Minimum Units 1.0 (Varies with length of trip)

Field studies of the geography of selected regions. Physical and cultural processes, characteristics and landscapes will be observed and analyzed. Specific content will vary by geographic region.

Prerequisites

No information provided

Corequisites

No information provided

Advisories

No information provided

Content

Orientation

Transportation & Lodging

General introduction to the region

Map Reading and Interpretation

- Identify locations using the geographic grid
- Identify physical and cultural features using map symbols
- Identify landforms using contour lines on a topographic quadrangle
- Plot locations using GPS

Data Collection

Physical Data

- Collecting temperature using Fahrenheit or Celsius
- Calculating humidity with the sling psychrometer
- Collecting soil samples
- Identifying flora and fauna

Cultural Data

- Research historical human settlement patterns
- Identify regional architecture and its influences
- Identify ethnic influences in the landscape
- Identify primary, secondary and tertiary land uses

The Physical Environment

Regional Weather and Climate

- Latitude and Seasons
- Coastal vs. Continental location
- Altitude – windward vs. leeward
- Prevailing winds and frontal systems

Regional Vegetation and Soils

- Adaptation of vegetation to regional climate/s and soil types
- Influence of parent material and weathering in soil

Regional Geomorphology

- Classification of landform types
- Processes of landform development

Current Environmental Issues in the Region

The Cultural Environment

Historical Settlement in the Region

- Migration
- Rural and urban settlement patterns and growth

Ethnicity in the Region

- Origin of migrants
- Cultural characteristics

Land Use in the Region

- Role of physical environment in agriculture and extraction
- Relative location and economic development

Current Cultural Issues in the Region

Lab Activities

Utilize field activities to meet objectives of course content. Laboratory activities include but are not limited to:

Map interpretation
Geographic grid
Landform interpretation
Earth-Sun relationships
Weather and climate
Common rock identification
Biogeography
Plate Tectonics

Objectives

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

Read topographic, thematic and reference maps of the region
Use GPS units for navigation and data collection
Collect and document physical and cultural field data
 Humidity, temperature, soil, vegetation, geology
 Ethnicity, land use, settlement patterns
Relate observations to cultural and /or physical processes
Identify cultural and physical geographic landscapes

Evaluation Methods

No information provided

Textbooks

Rediscovering The Golden State, William Selby
California, Peters, et al.