

# GEOG 001: PHYSICAL GEOGRAPHY

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**Originator**

ehardy

**Justification / Rationale**

adding online modality

**Effective Term**

Fall 2022

**Credit Status**

Credit - Degree Applicable

**Subject**

GEOG - Geography

**Course Number**

001

**Full Course Title**

Physical Geography

**Short Title**

PHYSICAL GEOGRAPHY

**Discipline****Disciplines List**

Geography

**Modality**

Face-to-Face

100% Online

Hybrid

**Catalog Description**

This course examines the major features of the natural environment including land, water, air and life forms. The relationship between humans and their natural environment is emphasized, and map-reading skills are developed.

**Schedule Description**

This course examines the major features of the natural environment including land, water, air and life forms. IGETC: 5A

**Lecture Units**

3

**Lecture Semester Hours**

54

**Lab Units**

0

**In-class Hours**

54

**Out-of-class Hours**

108

**Total Course Units**

3

**Total Semester Hours**

162

**Limitation on Enrollment**

50

**Required Text and Other Instructional Materials****Resource Type**

Book

**Author**

Hess, Darrel, and Dennis G. Jasa

**Title**

Physical Geography, A Landscape Appreciation

**Edition**

11th

**Publisher**

Pearson Education

**Year**

2013

**College Level**

Yes

**Flesch-Kincaid Level**

12

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**Resource Type**

Web/Other

**Description**

Goodes Atlas of the World (2009). (22nd ed) Rand McNally.

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**Class Size Maximum**

50

**Entrance Skills**

1. Develop, organize and express ideas in paragraph and essay form.
2. Demonstrate the ability to participate in class discussions and assigned projects.
3. Read texts and respond in writing at the literate level

**Requisite Course Objectives**

ENG 061-Demonstrate the ability to think critically and express ideas using various patterns of development.

ENG 061-Demonstrate the ability to read and respond in writing beyond the literal interpretation of the text.

ENG 061-Demonstrate the ability to think critically and express ideas using various patterns of development.

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**Course Content**

1. The global perspective
  - a. location in the universe and solar system
  - b. earth's size, shape, and geographic grid
  - c. planetary motion and seasonal changes
2. Portrayal of the earth

- a. maps and map scales
- b. globes and map projections
- c. nature of remote sensing
- 3. The atmospheric environment
  - a. nature of weather and climate
  - b. insulation and temperature
  - c. pressure and wind
  - d. water vapor and precipitation
  - e. air masses and atmospheric disturbances
  - f. classification and distribution of climatic regions
- 4. The hydrospheric environment
  - a. water on continental platforms
  - b. the oceanic environment
- 5. The biospheric environment
  - a. ecological principles
  - b. classification and distribution of plants and animals
  - c. soil formation, classification and distribution
- 6. The lithospheric environment
  - a. composition of the earth's crust
  - b. processes of diastrophism and volcanism
  - c. classification and distribution of the gradation processes.

### Course Objectives

Objectives	
Objective 1	Identify and analyze the natural environment emphasizing an approach which views the earth as the home of humankind.
Objective 2	Evaluate the nature of the ecological interrelationships existing between integrated features of the natural environment.
Objective 3	Identify the distributional patterns of the earth's natural features and to critically evaluate explanations for these special patterns.
Objective 4	Recognize and utilize relevant printed resource materials in the form of books and articles pertaining to the study of the environment.
Objective 5	Encourage an approach to problem resolution associated with natural phenomena which emphasizes the precise and objective analysis of relevant data in formulating scientific generalizations.

### Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:	
Outcome 1	Identify and describe earth's physical biospheres.
Outcome 2	Identify and evaluate the nature of the ecological interrelationships existing between integrated features of the natural environment.
Outcome 3	Identify the distributional patterns of the earth's natural features and to critically evaluate explanations for these special patterns.

### Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Discussion	Group discussion. During lectures, students will be expected to discuss the material and answer questions.
Lecture	Introduce and explain the material to the students.
Technology-based instruction	Power-point presentations, internet access assignments
Other (Specify)	<ul style="list-style-type: none"> <li>a. DVD presentations</li> <li>b. Internet</li> <li>c. Student papers and reports</li> </ul>

**Methods of Evaluation**

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
College level or pre-collegiate essays	Student will complete essays/longer answer-type questions in class in discussion and also on examinations.	In Class Only
Student participation/contribution	Students will be evaluated by their participation in the lecture and any outside of class meetings, and participation with invited in- class guest speakers. Students will complete worksheets and/or provide comments. (out of class- approximately .5 hours per week.)	In and Out of Class
Mid-term and final evaluations	Students will be tested to determine their understanding of the material. Tests include multiple choice, true/false questions, define terms, and longer-answer essay questions.	In Class Only
Tests/Quizzes/Examinations	Students will be tested to determine their understanding of the material. Tests include multiple choice, true/false questions, define terms, and longer-answer essay questions.	In Class Only
Group activity participation/observation	During lecture, students will work in teams to apply the concepts being learned in class to concrete situations. Some observations may be done out of class (about .5 hours per week) and discussed in class.	In and Out of Class
Written homework	Students will read assigned chapters and complete written assignments.	In and Out of Class

**Assignments**
**Other In-class Assignments**

1. Attendance of lectures, including the taking of detailed notes.
2. Viewing of films and slide programs, including the taking of notes.
3. Listening to sound recordings and taking notes.
4. Special reports by students, in panel or singly.
5. Participating in class research projects involving the collection, compilation and interpretation of data, including the composition of written or oral reports.

**Other Out-of-class Assignments**

1. Readings in the textbook and in recommended supplementary literature.

**Grade Methods**

Letter Grade Only

**Distance Education Checklist**

Include the percentage of online and on-campus instruction you anticipate.

Online %

50

On-campus %

50

**Instructional Materials and Resources**

If you use any other technologies in addition to the college LMS, what other technologies will you use and how are you ensuring student data security?

None

If used, explain how specific materials and resources outside the LMS will be used to enhance student learning.

None

## Effective Student/Faculty Contact

Which of the following methods of regular, timely, and effective student/faculty contact will be used in this course?

### Within Course Management System:

Chat room/instant messaging  
Discussion forums with substantive instructor participation  
Online quizzes and examinations  
Private messages  
Regular virtual office hours  
Timely feedback and return of student work as specified in the syllabus  
Video or audio feedback  
Weekly announcements

### External to Course Management System:

Direct e-mail  
Posted audio/video (including YouTube, 3cm mediasolutions, etc.)  
Synchronous audio/video

### For hybrid courses:

Field trips  
Library workshops

Briefly discuss how the selected strategies above will be used to maintain Regular Effective Contact in the course.

Announcements, direct messaging, email, etc. are all ways to make sure the instructor is in regular effective contact with their students.

If interacting with students outside the LMS, explain how additional interactions with students outside the LMS will enhance student learning.

Field trips, workshops as part of a hybrid course will help students achieve the SLO's by exposing them to content and material they are reading about in class.

## Other Information

Provide any other relevant information that will help the Curriculum Committee assess the viability of offering this course in an online or hybrid modality.

This course is easy to offer as either a hybrid or fully online course, as the material and supplements can be understood by students so long as regular effective contact is established by the instructor.

## Comparable Transfer Course Information

### University System

CSU

### Course Number

GE B1; IGETC:5A

### Course Title

Physical Geography

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### University System

UC

### Course Number

GE:C1

### Course Title

Physical Geography

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**COD GE**

C1 - Natural Sciences

**CSU GE**

B1 - Physical Science

**IGETC GE**

5A - Physical Science

**MIS Course Data****CIP Code**

45.0701 - Geography.

**TOP Code**

220600 - Geography

**SAM Code**

E - Non-Occupational

**Basic Skills Status**

Not Basic Skills

**Prior College Level**

Not applicable

**Cooperative Work Experience**

Not a Coop Course

**Course Classification Status**

Credit Course

**Approved Special Class**

Not special class

**Noncredit Category**

Not Applicable, Credit Course

**Program Status**

Program Applicable

**Transfer Status**

Transferable to both UC and CSU

**C-ID**

GEOG 110

**Allow Audit**

No

**Repeatability**

No

**Materials Fee**

No

**Additional Fees?**

No

## Approvals

**Curriculum Committee Approval Date**

03/17/2022

**Academic Senate Approval Date**

03/24/2022

**Board of Trustees Approval Date**

04/22/2022

**Chancellor's Office Approval Date**

04/27/2022

**Course Control Number**

CCC000294603

**Programs referencing this course**

Geography AA-T Degree (<http://catalog.collegeofthedesert.eduundefined/?key=15>)

Global Studies AA-T Degree (<http://catalog.collegeofthedesert.eduundefined/?key=195>)

Environmental Science AS-T (<http://catalog.collegeofthedesert.eduundefined/?key=216>)

Liberal Arts: Math and Science AA Degree (<http://catalog.collegeofthedesert.eduundefined/?key=29>)

Geographic Information Systems Certificate of Achievement (<http://catalog.collegeofthedesert.eduundefined/?key=315>)