

Course Outline of Record

1. Course Code: GEOG-001
2.
  - a. Long Course Title: Physical Geography
  - b. Short Course Title: PHYSICAL GEOGRAPHY
3.
  - a. Catalog Course 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.
  - b. Class Schedule Course Description: This course examines the major features of the natural environment including land, water, air and life forms.
  - c. Semester Cycle (if applicable): This course and accompanying lab are offered every Fall semester.
  - d. Name of Approved Program(s):
    - GEOGRAPHY
4. Total Units: 3.00      Total Semester Hrs: 54.00  
 Lecture Units: 3      Semester Lecture Hrs: 54.00  
 Lab Units: 0      Semester Lab Hrs: 0  
 Class Size Maximum: 50      Allow Audit: No  
 Repeatability No Repeats Allowed  
 Justification 0
5. Prerequisite or Corequisite Courses or Advisories:  
*Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm I-A)*  
 Advisory: ENG 050
6. Textbooks, Required Reading or Software: (List in APA or MLA format.)
  - a. McKnight, Tom. L., and Darrel Hess (2011). *Physical Geography, A Landscape Appreciation* (10th /e). Upper Saddle River, NJ Pearson Prentice Hall.  
 College Level: Yes  
 Flesch-Kincaid reading level: 12
  - b. Goodes Atlas of the World (2009). (22nd ed) Rand McNally.
7. Entrance Skills: *Before entering the course students must be able:*
  - a. Employ basic vocabulary and style.
  - b. Develop, organize and express ideas in paragraph and essay form.
  - c. Read texts and respond in writing at the literate level.
  - d. Apply standard rules of grammar, punctuation, and mechanics in written responses.
  - e. Compose simple, organized responses to readings.
  - f. Practice fundamental study skills and learning habits.
  - g. Demonstrate the ability to participate in class discussions and assigned projects.
  - h. Use the dictionary and other reference materials in and outside the library.
8. Course Content and Scope:

Lecture:

1. The global perspective
  1. location in the universe and solar system
  2. earth's size, shape, and geographic grid
  3. planetary motion and seasonal changes
2. Portrayal of the earth
  1. maps and map scales
  2. globes and map projections

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

Lab: (if the "Lab Hours" is greater than zero this is required)

9. Course Student Learning Outcomes:

- 1. Students will be able to identify and describe earth's physical biospheres.

10. Course Objectives: *Upon completion of this course, students will be able to:*

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

11. Methods of Instruction: *(Integration: Elements should validate parallel course outline elements)*

- a. Discussion
- b. Lecture

Other Methods:

Video Student papers and reports

12. Assignments: *(List samples of specific activities/assignments students are expected to complete both in and outside of class.)*

In Class Hours: 54.00

Outside Class Hours: 108.00

- a. Out-of-class Assignments

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

- b. In-class Assignments

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b. Attendance of lectures by guest speakers, including the taking of detailed notes. c. Viewing of films and slide programs, including the taking of notes. d. Listening to sound recordings and taking notes. e. Special reports by students, in panel or singly. f. Participating in class research projects involving the collection, compilation and interpretation of data, including the composition of written or oral reports.

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

# GEOG 001-Physical Geography

- College level or pre-collegiate essays
- Written homework
- Guided/unguided journals
- Reading reports
- Presentations/student demonstration observations
- Group activity participation/observation
- True/false/multiple choice examinations
- Mid-term and final evaluations
- Student participation/contribution

14. Methods of Evaluating: Additional Assessment Information:

a. Essay b. Computation c. Non-computational problem-solving d. Skill demonstration e. Multiple choice f. Other (matching, fill-in, true-false)

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

IGETC Area 5: Physical and Biological Sciences (mark all that apply)

A: Physical Science with Lab

A: Physical Science without Lab

A: Physical Science, Lab only

CSU GE Area B: Physical and its Life Forms(mark all that apply)

B1 - Physical Science

CSU GE Area D: Social, Political, and Economic Institutions and Behavior, Historical

D5 - Geography

PO-BS Critical Thinking

Locate questions and problems as a result of conversation, reading, and lectures

Assess relevant information and come to thought-out conclusions and solutions.

Communicate meaningfully with others.

IO - Scientific Inquiry

Recognize the utility of the scientific method and its application to real life situations and natural phenomena.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year
CSU	CSU San Bernardino	GEOG 103	Physical Geography	2010-11
UC	UCLA	GEOG 1	Earth's Physical Environment	2010-11

17. Special Materials and/or Equipment Required of Students:

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18. Materials Fees:  Required Material?

**Material or Item**

**Cost Per Unit**

**Total Cost**

19. Provide Reasons for the Substantial Modifications or New Course:

This course is due for periodic update.

20. a. Cross-Listed Course (*Enter Course Code*): *N/A*

b. Replacement Course (*Enter original Course Code*): *N/A*

21. Grading Method (*choose one*): Letter Grade Only

22. MIS Course Data Elements

a. Course Control Number [CB00]: CCC000294603

b. T.O.P. Code [CB03]: 220600.00 - Geography

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- c. Credit Status [CB04]: D - Credit - Degree Applicable
- d. Course Transfer Status [CB05]: A = Transfer to UC, CSU
- e. Basic Skills Status [CB08]: 2N = Not basic skills course
- f. Vocational Status [CB09]: Not Occupational
- g. Course Classification [CB11]: A - Liberal Arts and Sciences
- h. Special Class Status [CB13]: N - Not Special
- i. Course CAN Code [CB14]: N/A
- j. Course Prior to College Level [CB21]: Y = Not Applicable
- k. Course Noncredit Category [CB22]: Y - Not Applicable
- l. Funding Agency Category [CB23]: Y = Not Applicable
- m. Program Status [CB24]: 1 = Program Applicable

Name of Approved Program (*if program-applicable*): N/A

*Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)*

## 23. Enrollment - Estimate Enrollment

First Year: 0

Third Year: 0

## 24. Resources - Faculty - Discipline and Other Qualifications:

a. Sufficient Faculty Resources: Yes

b. If No, list number of FTE needed to offer this course: N/A

## 25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

## 26. Additional Construction or Modification of Existing Classroom Space Needed. (*Explain:*)

N/A

## 27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES

Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

28. Originator Ellen Hardy Origination Date 02/15/11