GEOG 1: PHYSICAL GEOGRAPHY: THE DISTRIBUTION OF NATURAL PHENOMENA

In Workflow

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Approval Path

1. Wed, 10 Feb 2021 23:14:57 GMT
   James Wanket (jwanket): Approved for GEOG Chair
2. Fri, 19 Feb 2021 02:08:41 GMT
   Thomas Krabacher (tsk): Rollback to GEOG Chair for NSM College Committee Chair
3. Mon, 22 Feb 2021 17:27:04 GMT
   James Wanket (jwanket): Approved for GEOG Chair
4. Wed, 03 Mar 2021 23:15:06 GMT
   Thomas Krabacher (tsk): Approved for NSM College Committee Chair
5. Wed, 03 Mar 2021 23:16:52 GMT
   Shannon Datwyler (datwyler): Approved for NSM Dean

Date Submitted: Wed, 10 Feb 2021 23:08:34 GMT

Viewing: GEOG 1 : Physical Geography: The Distribution of Natural Phenomena

Last edit: Wed, 03 Mar 2021 23:14:52 GMT

Changes proposed by: James Wanket (102010842)

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
James Wanket	jwanket@csus.edu	916-278-7580

Catalog Title:
Physical Geography: The Distribution of Natural Phenomena

Class Schedule Title:
Physical Geography

Academic Group: (College)
NSM - Natural Sciences & Mathematics

Academic Organization: (Department)
Geography

Will this course be offered through the College of Continuing Education (CCE)?
No

Catalog Year Effective:
Spring 2021 (2021/2022 Catalog)

Subject Area: (prefix)
GEOG - Geography

Catalog Number: (course number)
1

Course ID: (For administrative use only.)
134486

Units:
3

In what term(s) will this course typically be offered?
Fall, Spring, Summer

Does this course require a room for its final exam?
Yes, final exam requires a room

Does this course replace an existing experimental course?
No

This course complies with the credit hour policy:
Yes

Justification for course proposal:
Updates the course description.

Course Description: (Not to exceed 80 words and language should conform to catalog copy.)
This course provides an overview of Earth's physical systems, including the atmosphere, biosphere, hydrosphere, and lithosphere. Topics covered include weather and climate, biological systems, plate tectonics, volcanoes and earthquakes, and weathering and erosion. Emphasis is placed on the role of humans in influencing Earth's physical systems.

Are one or more field trips required with this course?
No

Fee Course?
No

Is this course designated as Service Learning?
No

Does this course require safety training?
No

Does this course require personal protective equipment (PPE)?
No

Does this course have prerequisites?
No

Does this course have corequisites?
No

Graded:
Letter

Approval required for enrollment?
No Approval Required

Course Component(s) and Classification(s):
Lecture

Lecture Classification
CS#02 - Lecture/Discussion (K-factor=1WTU per unit)
Lecture Units
3

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

No

Can the course be taken for credit more than once during the same term?

No

Description of the Expected Learning Outcomes: Describe outcomes using the following format: 'Students will be able to: 1), 2), etc.'

After taking this course students should be able to:
1) Demonstrate understanding of the basic elements of Earth's physical systems, including the atmosphere, biosphere, lithosphere, and hydrosphere, and the processes that govern them.
2) Demonstrate understanding of how the scientific method is used in physical geography.
3) Interpret and explain how basic physical landforms developed.
4) Describe human impacts on Earth's physical systems.
5) Articulate connections between course concepts and their personal and professional life.

Attach a list of the required/recommended course readings and activities:

GEOG1 Sched.docx

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above.

Exams: Four in-class exams will test for comprehension of lecture and assigned reading material. Exams are based on lectures and quizzes from the textbook and from readings assigned from the textbook but not covered in lecture. The format of the exams will be true/false, multiple choice, fill in the blank. (ELO #1, #2, #3, #4)

Quizzes: Quizzes are assigned through Canvas. They are based exclusively on the readings in the book. There will be about 1 quiz per week, each 20 questions in length. (ELO #1, #2, #3, #4)

Written Assignments: Students are required to write a brief summary of four different current events news articles. These summaries should link the articles to the course material. 500 words each. (ELO #5)

Is this course required in a degree program (major, minor, graduate degree, certificate?)

Yes

Has a corresponding Program Change been submitted to Workflow?

No

Identify the program(s) in which this course is required:

Programs:
BA in Geography (Geographic Information Systems and Analysis)
BA in Geography (Human Geography)
BA in Geography (Metropolitan Area Planning)
BA in Geography (Physical Geography)

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?

No

Will there be any departments affected by this proposed course?

No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.

I/we agree

University Learning Goals

Undergraduate Learning Goals:

Competence in the disciplines
Knowledge of human cultures and the physical and natural world
Integrative learning
Personal and social responsibility
Intellectual and practical skills

Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

GE Course and GE Goal(s)

Is this a General Education (GE) course or is it being considered for GE?

Yes

In which GE area(s) does this apply?

B1. Physical Science

Which GE objective(s) does this course satisfy?

Read, write, and understand relatively complex and sophisticated English prose.
Find and use common information resources, engage in specialized library research, use computers and seek out appropriate expert opinion and advice.
Use mathematical ideas to accomplish a variety of tasks.
Gain a general understanding of current theory, concepts, knowledge, and scientific methods pertaining to the nature of the physical universe, ecosystems, and life on this planet.

Attach Course Syllabus with Detailed Outline of Weekly Topics:

GEOG1 Syll Sched F19.docx

Syllabi must include: GE area outcomes listed verbatim; catalog description of the course; prerequisites, if any; student learning objectives; assignments; texts; reading lists; materials; grading system; exams and other methods of evaluation.

Will more than one section of this course be offered?

Yes

Provide a description of what would be considered common to all sections and what might typically vary between sections:

The subject areas covered and modes of assessment are common to all sections. The sequence of subjects covered and specific textbook vary between sections.

Please write a statement indicating the means and methods for evaluating the extent to which the objectives of the GE Area(s) and any writing requirements are met for all course sections:

Review of all course syllabi and discussions with instructors, undertaken by the Department Chair.

What steps does the department plan to take to ensure that instructors comply with the respective category criteria and who is responsible?

Review of all course syllabi and discussions with instructors, undertaken by the Department Chair.

General Education Details - Area B1: Physical Science

Section 1.

'Indicate in written statements how the course meets the following criteria for Category B1. Relate the statements to the course syllabus and outline. Be as succinct as possible.

General Criteria:

Is an introductory course with no college level prerequisites.

No prerequisites are listed or enforced for the course.

Emphasizes general principles and concepts having a broad range of application and is not restricted to specialized topics.

Covers broad natural systems: The atmosphere, hydrosphere, lithosphere, and biosphere are surveyed to give students broad understanding of essential processes at work in each.

Introduces students to one or more of the disciplines whose purpose is to acquire knowledge of the physical universe.

Explores the discipline of Geography, with reference to Physics, Geology, and Biology.

Specific Criteria:

A student will be able to explain and apply core ideas and models concerning physical systems and mechanisms, citing critical observations, underlying assumptions and limitations.

Ideas and models of the atmosphere, hydrosphere, lithosphere, and biosphere are presented throughout the course, with reference to critical observation, underlying assumptions, and limitations.

A student will be able to describe how scientists create explanations of natural phenomena based on the systematic collection of empirical evidence subjected to rigorous testing and/or experimentation.

The scientific process is explored through examination of natural phenomena. Key examples include the general circulation system of the atmosphere and plate tectonics.

A student will be able to access and evaluate scientific information, including interpreting tables, graphs and equations.

Scientific information in the form of tables, graphs, and equations are presented and explained in lecture and in readings.

A student will be able to recognize evidence-based conclusions and form reasoned opinions about science-related matters of personal, public, and ethical concern.

Examination of subjects such as climate change, extinction, and earthquake risk will allow students to recognize evidence-based conclusions and form reasoned opinions. These are matters of personal, public, and ethical concern.

Includes a writing component described on course syllabus

I) If course is lower division, formal and/or informal writing assignments encouraging students to think through course concepts using at least one of the following: periodic lab reports, exams which include essay questions, periodic formal writing assignments, periodic journals, reading logs, other. Writing in lower division courses need not be graded, but must, at a minimum, be evaluated for clarity and proper handling of terms, phrases, and concepts related to the course.
2) If course is upper division, a minimum of 1500 words of formal, graded writing. [Preferably there should be more than one formal writing assignment and each writing assignment (e.g. periodic lab reports, exams which include essay questions, a research/term paper etc.) should be due in stages throughout the semester to allow the writer to revise after receiving feedback from the instructor. Include an indication of how writing is to be evaluated and entered into course grade determination.]

Periodic writing assignments and/or essay questions on exams are required for all sections.

Section 2.

If you would like, you may provide further information that might help the G.E. Course Review Committee understand how this course meets these criteria and/or the G.E. Program Objectives found in the CSUS Policy Manual, General Education Program, Section I.B.

This course has long been approved for GE. This proposal only seeks to change the course description.

Reviewer Comments:

James Wanket (jwanket) (Wed, 10 Feb 2021 23:14:53 GMT): This proposal only changes the course description.

Thomas Krabacher (tsk) (Fri, 19 Feb 2021 02:08:41 GMT): Rollback: Link assessment strategies to specific learning outcomes. Aldo, begin learning outcomes with more 'action oriented' verbs; In particular, replace 'evaluate' with something stronger, more outcome directed.

Key: 2298