

ORIGINATOR'S SECTION:

1. College: CHABSS CoBA
 CoEHHS CSM

Desired Term and Year of Implementation (e.g., Fall 2008):
 Fall 2016

2. Course is to be considered for G.E.? (If yes, also fill out appropriate GE form*) Yes No

3. Course will be a variable-topics (generic) course? Yes No
 ("generic" is a placeholder for topics)

4. Course abbreviation and Number:* GEOG 110

5. Title: (Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.)
 Introduction to Physical Geography with Lab

6. Abbreviated Title for PeopleSoft:
 (no more than 25 characters, including spaces)
 Intro Physical Geogranhy

7. Number of Unit **3 units**

8. Catalog Description: (Not to exceed 80 words; language should conform to catalog copy. Please consult the catalog for models of style and format; include all necessary information regarding consent for enrollment, pre- and/or corequisites, repeated enrollment, crosslisting, as detailed below. Such information does not count toward the 80-word limit.)

Examines the place of the earth in the solar system; the seasonal and latitudinal distribution of solar energy; analyzes the many elements of weather, climate, vegetation, and soils; considers the earth's major landforms and the processes that shape them; examines the earth's water system. *This course satisfies the earth science content requirement for candidates in the Elementary Subject Matter Preparation Program, the Integrated Credential Program, and the Elementary Subject Matter Preparation Certificate.*

9. Why is this course being proposed?

This course represents an important addition to two programs offered by its home department: the Elementary Subject Matter teacher preparation program, and the Geography program. The State of California defines content standards for all the content areas that future K-8 teachers must be able to cover in the classroom. One of those areas is earth science, as (briefly) described in the course description above, and in the course description in the appended syllabus. This content area is approached by a number of academic disciplines, including the field of Physical Geography, a core discipline within Geography. This course thus provides students who are preparing to become K-8 teachers with one option for fulfilling their earth science requirement. At the same time, it represents an important addition to the campus' growing Geography program. Geography is a foundational program on all CSU campuses, and its growth at CSUSM is particularly important in light of the impaction that SDSU has declared, limited access to its Geography curriculum.

10. Mode of Instruction*

For definitions of the Course Classification Numbers:
http://www.csusm.edu/academic_programs/curriculumschedu ling/catalogcurricula/DOCUMENTS/Curricular_Forms_Tab/Instructional%20Mode%20Conventions.pdf

Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)
Lecture	3	C2
Activity		
Lab		

11. Grading Method:*
 Normal (N) (Allows Letter Grade +/-, and Credit/No Credit)
 Normal Plus Report-in-Progress (NP) (Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)
 Credit/No Credit Only (C)
 Credit/No Credit or Report-in-Progress Only (CP)

12. If the (NP) or (CP) grading system was selected, please explain the need for this grade option.

13. Course Requires Consent for Enrollment? Yes No

Faculty Credential Analyst Dean Program/Department - Director/Chair

14. Course Can be Taken for Credit More than Once? Yes No
 If yes, how many times? (including first offering)

15. Is Course Crosslisted: Yes No
 If yes, indicate which course and check "yes" in item #22 below.

16. Prerequisite(s): Yes No

* If Originator is uncertain of this entry, please consult with Program/Department Director/Chair.

17. Corequisite(s): Yes No

18. Documentation attached: Syllabus Detailed Course Outline

19. If this course has been offered as a topic, please enter topic abbreviation, number, and suffix:*

20. How often will this course be offered once established? * At least once per semester.

PROGRAM DIRECTOR/CHAIR - COLLEGE CURRICULUM COMMITTEE SECTION:
(Mandatory information – all items in this section must be completed.)

21. Does this course fulfill a requirement for any major (i.e., core course or elective for a major, majors in other departments, minors in other departments)? Yes No

If yes, please specify:
This course will serve as one option for students in the Liberal Studies major (Elementary Subject Matter or Integrated Credential Program tracks) to fulfill the earth sciences requirement, per California's State Standards for teacher preparation.

22. Does this course impact other discipline(s)? (If there is any uncertainty as to whether a particular discipline is affected, check "yes" and obtain signature.) Yes No

If yes, obtain signature(s). Any objections should be stated in writing and attached to this form.

Discipline Physics	<u>see attached</u> Signature	_____ Date	_____ Support	_____ Oppose
Discipline ENVS	<u>see email</u> Signature	<u>10/23/15</u> Date	<input checked="" type="checkbox"/> Support	_____ Oppose

SIGNATURES : (COLLEGE LEVEL) :

(UNIVERSITY LEVEL)

1. Originator (please print or type name) _____ Date _____
see attached

2. Program Director/Chair _____ Date _____
see attached

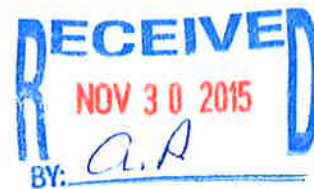
3. College Curriculum Committee _____ Date _____
Rebecca J. Just 11/16/15

4. College Dean (or Designee) _____ Date _____
Mary Stoddard Hux 11/19/15

5. UCC Committee Chair _____ Date _____

6. Vice President for Academic Affairs (or Designee) _____ Date _____

7. President (or Designee) _____ Date _____



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Discipline Physics [Signature] 3/16/15 Support Oppose
 Signature Date

Discipline _____ Signature _____ Date _____ Support _____ Oppose

SIGNATURES : (COLLEGE LEVEL) :

1. Originator (please print or type name) Geig Guthrey 2/2/2015
Date
2. Program Director/Chair [Signature] 2/2/2015
Date
3. College Curriculum Committee _____
Date
4. College Dean (or Designee) _____
Date

(UNIVERSITY LEVEL)

5. UCC Committee Chair _____
Date
6. Vice President for Academic Affairs (or Designee) _____
Date
7. President (or Designee) _____
Date

* If Originator is uncertain of this entry, please consult with Program/Department Director/Chair.

Virginia Mann

From: Greig Guthey
Sent: Wednesday, February 03, 2016 9:15 AM
To: Suzanne Moineau
Cc: Virginia Mann; Regina Eisenbach
Subject: Re: UCC's review of GEOG 110

Suzanne

it's supposed to be a 3 unit course. We were having discussion about having a lab portion of the class (which is standard) but perhaps we should add that at a later date.

Does that make sense? So a three unit class.

Greig Tor Guthey
Associate Professor of Public Policy and Planning & Geography Coordinator
Department of Liberal Studies
homepage: http://www.csusm.edu/liberalstudies/faculty/greig_guthey.html
geography: <http://www.csusm.edu/liberalstudies/geography.html>
food project: http://www.csusm.edu/liberalstudies/Food_Project.html

From: Suzanne Moineau
Sent: Tuesday, February 2, 2016 8:03 PM
To: Greig Guthey
Cc: Virginia Mann; Regina Eisenbach
Subject: UCC's review of GEOG 110

Dear Greig,

UCC reviewed GEOG 110 this week as part of the LBST's P-2 form. The C form reflects a difference in unit load between line # 7 and line # 10 (http://www.csusm.edu/academic_programs/catalogcurricula/DOCUMENTS/2015-16_CURRICULUM/CHABSS/GEOG_110.pdf). If this is a 4 unit course, we need to know what category the 1 unit additional applies to (activity or lab) and what the C/S number is.

We appreciate your assistance.

Thank you,
Sue

*Suzanne Moineau, Ph.D., CCC/SLP
Associate Professor
Chair, Department of Speech-Language Pathology*

Angela Baggett

ENVS
Support of
GEOG
110.

From: Jocelyn Ahlers
Sent: Friday, October 23, 2015 9:22 AM
To: Rebecca Lush; Pamela Stricker
Cc: Angela Baggett
Subject: Re: C form signature

Thank you! And Pamela, thank you so much for your support.
Best,
Jocelyn

From: Rebecca Lush <rlush@csusm.edu>
Date: Thursday, October 22, 2015 10:39 PM
To: Pamela Stricker <stricker@csusm.edu>, Jocelyn Ahlers <jahlers@csusm.edu>
Cc: Angela Baggett <abaggett@csusm.edu>
Subject: Re: C form signature

Hi Jocelyn and Pamela,

The email below can be used in place of a wet signature.

I have cc'ed Angie Baggett so that this correspondence can be added to the relevant forms.

Thank you both for the quick response.

best,
Rebecca

Rebecca M. Lush, Ph.D.
CAPC Co-Chair
Associate Professor
Literature and Writing Studies
Film Studies Coordinator
Faculty Director of the Cougar Chronicle
California State University, San Marcos
126L Markstein
333 S. Twin Oaks Valley Road
San Marcos, CA 92096
760-750-8004

From: Pamela Stricker
Sent: Thursday, October 22, 2015 5:07 PM
To: Jocelyn Ahlers
Cc: Rebecca Lush
Subject: Re: C form signature

Hi Jocelyn and Rebecca,

Thanks for your question. It looks good to me. Looks like an interesting class!

Good luck on your search. 😊

Pamela

Can this email count as an electronic signature? If not, I am happy to provide one when I am next on campus.

Pamela Stricker, Ph.D.
Professor, Political Science and Global Studies
Program Director and Founding Faculty, Environmental Studies
California State University, San Marcos
333 S. Twin Oaks Valley Road
San Marcos, CA 92096
stricker@csusm.edu

From: Jocelyn Ahlers
Sent: Thursday, October 22, 2015 2:17 PM
To: Pamela Stricker
Cc: Rebecca Lush
Subject: C form signature

Dear Pamela,

As you know, LBST is hiring a Physical Geographer this year; we are also engaged in the process of revising our teacher preparation curriculum to ensure that our students are adequately exposed to State-mandated content. As part of that process, we have included in our P2 form a C form for a new class: GEOG 110: Introduction to Physical Geography. CAPC has suggested that we seek your signature on the C-form, which I have attached here along with the course syllabus. Please let me know if you have any questions. We hope that you will support the course; if you do, you can indicate that by responding to this email (I have cc'd the CAPC co-chair).

Thank you for your help and consideration!

Best,
Jocelyn

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Jocelyn C. Ahlers
Chair, Liberal Studies Department

Professor of Linguistics
Liberal Studies Department
California State University, San Marcos
760-750-8014; jahlers@csusm.edu

GEOGRAPHY 110

INTRODUCTION TO PHYSICAL GEOGRAPHY

Course Overview and Objectives

As a study of the earth's physical environment, this course examines the seasonal and latitudinal distribution of solar energy; analyzes the many elements of weather, climate, vegetation, and soils; and considers the earth's major landforms and the processes that shape them. Though each topic is treated separately, this course demonstrates the basic relationships among these topics and points out the human implications in all physical earth systems. Map use and laboratory work is an integral part of this course. There is a lab component to this class that must be successfully completed in order to pass the overall course.

Student Learning Outcomes

By the end of the course, students should be able to:

- Describe how the atmosphere, hydrosphere, lithosphere and biosphere interact in the earth's system;
- Interpret various types of data, imagery and maps that relate to earth process;
- Demonstrate understanding of how various geomorphic agents shape the earth's surface;
- Relate the introductory principles of earth-sun relationships;
- Describe how the interrelationships between the earth's energy balance and belts of pressure and wind influence weather, climate and the location of biomes.

Text

Geosystems, 8th ed, 2012. Author: Robert W. Christopherson.

Lab manual

Applied Physical Geography: Geosystems in the Laboratory, 8th ed., 2012. Authors: Christopherson and Thomsen

Assessment

Midterm	35%
Final	35%
Lab Exercises	25%
Participation	5%

NOTE: there will be two exams; a 'midterm' and 'final'. While the final is not cumulative in the strictest sense, understanding of processes builds throughout the semester and so you will be expected to keep this in mind.

All-University Writing Requirement: Students must complete 2500+ words of writing over the course of the semester in each class. In this class, the All-University Writing Requirement is met through the combined writing requirements of several aspects of the course. Key among

them is the maintenance of a lab notebook in which students will document their lab exercises, as well as reflecting on the course material per questions assigned in class for this purposes. Both the midterm and final exam include questions which require analytic writing in response. Together, these requirements will meet or exceed the 2500-word minimum.

University Academic Honesty Policies:

- Students who are required to do a paper in a course should assume that submitting the same or similar paper to different courses (regardless of whether it is in the same semester or in different semesters) is not permitted without the explicit permission of the instructors of both courses.
- The maintenance of academic integrity and quality education is the responsibility of each student within CSUSM and the CSU system. Cheating and plagiarism in connection with an academic program at a campus is listed as an offense for which a student may be expelled, suspended, put on probation, or given a less severe disciplinary sanction. You may assume that any paper which includes an instance of cheating or plagiarism will automatically be given a zero; further disciplinary action will be decided upon at that time, and may include removal of the cheating student or students from the class with a failing grade.

Students with disabilities are encouraged to discuss with me as soon as possible any special testing, homework, seating, or other arrangements that might be necessary.

Final Course Grading

A 90 % or more

B 80.0 – 89.9

C 70.0 – 79.9

D 60.0 – 69.9

F Below 59.9

Course Schedule (readings)

Week 1: Introduction to course, Lab materials and set-up. (Ch. 1)

Week 2: Earth and the solar system (Ch. 2)

Week 3: Rocks and earth structure (Ch. 11: 323-339)

Week 4: Plate Tectonics, earth quakes (Ch. 11: 341-354, Ch. 12: 358-384)

Week 5: Volcanoes (Ch. 12: 385-397)

Week 6: Weathering and Mass wasting (Ch. 13: 400-426)

Week 7: Fluvial Systems (Ch. 14: 430-465)

Exam 1

Week 8: Glacial and Periglacial Processes (Ch. 17: 530-565)

Week 9: Earth/Sun Relations (Ch. 2: 38-57)

Week 10: Atmosphere and Energy (Ch. 3: 60-85, Ch. 4: 88-108)

Week 11: Temperature (Ch. 5: 114-135, Ch. 6: 140-170)

Week 12: Water and Atmospheric Moisture (Ch. 7: 174-203, Ch. 8: 206-240, Ch. 9: 246-248)

Week 13: Global Climate Systems (Ch. 10: 276-317)

Week 14: The Geography of Soils (Ch. 18: 572-585)

Week 15: Ecosystem Essentials, Terrestrial Biomes (Ch. 19: 604-644, Ch. 20: 648-673)

Final Exam