

COURSE OUTLINE

OXNARD COLLEGE

I. Course Identification and Justification:

- A. Proposed course id: GEOG R199
Banner title: Dir Studies in Geography
Full title: Directed Studies in Geographic Topics
- B. Reason(s) course is offered:
This umbrella course accommodates the needs of selected students who wish to expand their knowledge of the marine environment and ocean resources on an individual basis..

II. Catalog Information:

- A. Units:
Current: 1.00 to 3.00
- B. Course Hours:
 - 1. Weekly Meeting Hours:
Current: Lecture: Lab: 3.00 to 9.00 Other:
 - 2. Total Contact Hours:
Current: 48.00 to 162.00
- C. Prerequisites, Corequisites, Advisories, and Limitations on Enrollment:
 - 1. Prerequisites
Current:
GEOG R101: Elements of Physical Geography
GEOG R101L: Physical Geography Lab
 - 2. Corequisites
Current:
 - 3. Advisories:
Current:
 - 4. Limitations on Enrollment:
Current:
- D. Catalog description:
Current:
This course is designed to prepare students with existing background knowledge of geographic systems for further studies in Geography. Students will have the opportunity to conduct a research project on a geographic related topic. Project findings will be presented in scientific poster format, video, protocol or research publication.
- E. Fees:
Current: \$ None
- F. Field trips:
Current:
Will be required: []

May be required: [X]
Will not be required: []

G. Repeatability:
Current:
A - Not designed as repeatable

H. Credit basis:
Current:
Letter graded only [X]
Pass/no pass []
Student option []

I. Credit by exam:
Current:
Petitions may be granted: []
Petitions will not be granted: [X]

III. Course Objectives:

Upon successful completion of this course, the student should be able to:

- A. Investigate and describe an area of interest in geographic studies.
- B. Demonstrate an ability to conduct independent research, through application of the scientific method, on a topic of interest in geographic studies.
- C. Generate new ideas, express themselves creatively or solve complex problems in an original way.
- D. Apply logic, critical thinking, quantitative and/or qualitative reasoning to geographic studies data and be able to distinguish amongst scientific laws, principles, hypotheses and theories.

IV. Course Content:

Topics to be covered include, but are not limited to:

- A. Introduction
 1. Orientation to Directed Studies
 2. Tentative project agreement between instructor, student(s)
- B. Identification of project
 1. Initial research/selection
 2. Review with instructor
 3. Approval of project by instructor
- C. Undertaking of project
 1. Library research
 2. Laboratory research
 3. Field work (if appropriate)
 4. Consultations with instructor on regular basis
- D. Completion of project
 1. Preliminary review of project with instructor
 2. Final version of project submitted or presented
 3. Final review of project with instructor
 4. Grade/credit assigned on basis of project evaluation

V. Lab Content:

- A. Introduction
 - 1. Orientation to Directed Studies
 - 2. Tentative project agreement between instructor, student(s)
- B. Identification of project
 - 1. Initial research/selection
 - 2. Review with instructor
 - 3. Approval of project by instructor
- C. Undertaking of project
 - 1. Library research
 - 2. Laboratory research
 - 3. Field work (if appropriate)
 - 4. Consultations with instructor on regular basis
- D. Completion of project
 - 1. Preliminary review of project with instruction
 - 2. Final version of project submitted or presented
 - 3. Final review of project with instructor
 - 4. Grade/credit assigned on basis of project evaluation

VI. Methods of Instruction:

Methods may include, but are not limited to:

- A. Class or student will pursue study of a research topic of their choice and approved by the instructor. Instructor guidance and supervision may be presented in lecture format or via one-on-one discussions with the student.
- B. Students will begin with an initial hypothesis which will develop and evolve through reading, research, discussion, data collection, writing, re-writing, and creation of a scientific poster, presentation, or publication.
- C. At the end of the semester, the class or student will submit a scientific poster summarizing their research project and findings.
- D. Other specific methods will be developed for each class or student based on the topic of interest.

VII. Methods of Evaluation and Assignments:

- A. Methods of evaluation for degree-applicable courses:
 - Essays [X]
 - Problem-solving assignments (Examples: Math-like problems, diagnosis & repair) [X]
 - Physical skills demonstrations (Examples: Performing arts, equipment operation) [X]

For any course, if "Essays" above is not checked, explain why.

- B. Typical graded assignments (methods of evaluation):
 - 1. Student demonstration of skills needed for data collection.
 - 2. Accuracy of student interpretation of data collected during research project.
 - 3. Ability of someone unfamiliar with the research project to understand what was done based on the student poster.
 - 4. Other specific assignments will be developed based on the objectives and topics specific to the research proposal.

- C. Typical outside of classroom assignments:
 - 1. Reading
 - a. Reading assignments will be specific to each project.
 - 2. Writing
 - a. Students will create a scientific poster or article for publication presenting their research and findings. The poster or article will include sections detailing the reason for the study, the materials and methods used to conduct the study, data and analysis, and what to do next.
 - b. Other writing assignments will be specific to each project.
 - 3. Other
 - a. Specific to the individual project.

VIII. Textbooks and Instructional Materials:

- A. Textbooks/Resources:
 - 1. Interviews with experts in the field of study.
 - 2. Other instructional materials may be required based on the specific project.
 - 3. Content specific to class or student project from sources other than primary literature.
- B. Other instructional materials:

IX. Minimum Qualifications and Additional Certifications:

- A. Minimum qualifications:
 - 1. Geography (Masters Required)
- B. Additional Certifications:
 - 1. Description of certification requirement:
 - 2. Name of statute, regulation, or licensing/certification organization requiring this certification:

X. Approval Dates

CC Approval Date: 11/23/16

Board Approval Date: 12/13/16

Course ID: 2082