California State University Channel Islands
NEW COURSE PROPOSAL
Courses must be submitted by October 15, 2014, and finalized by the end of that fall semester for the next catalog (2015-16) production.
Use YELLOWED areas to enter data.

DATE (*Change if modified and redate file with current date)*)   10/26/14, REV 1/16/2015

PROGRAM AREA(S)   ESRM AND ANTH

1. **Course Information.** *[Follow accepted catalog format.]*
   Prefix(es) (Add additional prefixes if cross-listed) **and Course No. ANTH/ESRM 365**
   Title: Natural History and Resource Management of the California Channel Islands   Units: 3
   X   Prerequisites ESRM 200 or 205, or Consent of Instructor
   ☐   Corequisites
   ☐   Consent of Instructor Required for Enrollment

   Catalog Description (Do not use any symbols): Examines the natural and cultural history of the California Channel Islands. Students will learn to identify the current threats and future management needs of the islands.

Grading Scheme:

X A-F Grades

☐ Credit/No Credit
☐ Optional (Student Choice)

Repeatability:

☐ Repeatable for a maximum of ☐ units

Total Completions Allowed ☐
☐ Multiple Enrollment in Same Semester

Course Level Information:

X Undergraduate

☐ Post-Baccalaureate/Credential
☐ Graduate

Mode of Instruction/Components (*Hours per Unit are determined by CSU policy*).

	Units	Hours per Unit	Default Section Size	Graded Component	CS & HEGIS # (Filled in by the Provost's Office)
Lecture	3	1	20	X	
Seminar	☐	1	☐	☐	
Laboratory	☐	3	☐	☐	
Activity	☐	2	☐	☐	
Field Studies					
Indep Study	☐		☐	☐	
Other Blank	☐		☐		

Leave the following hours per week areas blank. The hours per week will be filled out for you.
☐ hours lecture per week
☐ hours ☐ per week

2. **Course Attributes:**

☐   **General Education Categories**: All courses with GE category notations must be submitted to the GE website: http://summit.csuci.edu/geapproval. Upon completion, the GE Committee will forward your documents to the Curriculum Committee.
   A (English Language, Communication, Critical Thinking)
   ☐   A-1 Oral Communication
       A-2 English Writing
       A-3 Critical Thinking
   B (Mathematics, Sciences & Technology)
   ☐   B-1 Physical Sciences
       B-2 Life Sciences – Biology
       B-3 Mathematics – Mathematics and Applications
       B-4 Computers and Information Technology
   C (Fine Arts, Literature, Languages & Cultures)

3. Justification and Requirements for the Course. (Make a brief statement to justify the need for the course)
    A.   Justification: The majority of CI students have seen the California Channel Islands on clear days, however they are unaware that the natural and cultural resources of the Channel Islands are essential to our local biodiversity and identity and are internationally renowned and studied. The resource management strategies that have been developed and implemented across the islands represent novel and successfully methods that have been replicated around the world and saved species on the brink of extinction. This course will provide an in depth summary of the natural and cultural history of the California Channel Islands and enable students to identify the current threats and future management needs. The overall objective of the course is to create a new cohort of local environmental stewards by teaching the students how the interactions between geology, geography, climatology, and human history determine the ecological integrity and health of the land they inhabit.

    B.   Degree Requirement: Requirement for the Major/Minor   **Note: Submit Program Modification if**
                             X   Elective for the Major/Minor   **this course changes your program**.
                                  Free Elective

4. Student Learning Outcomes. List in numerical order. Please refer to the Curriculum Committee's "Learning Outcomes"
    guideline for measurable outcomes that reflect elements of Bloom's Taxonomy:
    http://senate.csuci.edu/comm/curriculum/resources.htm. The committee recommends 4 to 8 student learning outcomes, unless
    governed by an external agency (e.g., Nursing).
    Upon completion of the course, the student will be able to:
    1.   Identify and explain the fauna, flora and ecological complexity of the California Channel Islands.
    2.   Interpret and analyze how geology, geography, climatology, and human history shape the distribution and abundance of organisms.
    3.   Summarize the fundamental local and global conservation challenges and measures to address them.
    4.   Apply a comprehensive place-based understanding ~~to solve the~~ propose solutions for management issues associated with the changing natural and human landscapes across the California Channel Islands.

5. Course Content in Outline Form. *[Be as brief as possible, but use as much space as necessary]*

        I.   Course Introduction and Logistics
        II.   Physical Geography
        III.   Geologic History
        IV.   Past and Current Climate
        V.   Island Biogeography
        VI.   Marine Resources
        VII.   Intertidal Communities
        VIII.   Human Prehistory: Chumash and Tongva
        IX.   Land Use History
        X.   Invasive Species Management
        XI.   Ecological Restoration
        XII.   Current Research
        XIII.   Future Management
        XIV.   Channel Islands GMP Debate

Does this course content overlap with a course offered in your academic program? **Yes** █   **No** X
If YES, what course(s) and provide a justification of the overlap. █

Does this course content overlap a course offered in another academic area? **Yes** █   **No** X
If YES, what course(s) and provide a justification of the overlap. █

Overlapping courses require Chairs' signatures.

6. **Cross-listed Courses** (*Please note each prefix in item No. 1) Beyond three disciplines consult with the Curriculum Committee.*
    A. List Cross-listed Courses (Signature of Academic Chair(s) of the other academic area(s) is required).
        List each cross-listed prefix for the course: ANTH

    B. Program responsible for staffing: ANTH and ESRM

7. **References.** *[Provide 3 - 5 references. For references more than 10 years old, provide a one-sentence explanation of relevance.]*

Kennett, D.J. 2005. *The Island Chumash: Behavioral Ecology of a Maritime Society.* Berkeley: University of California Press.
McLeod, K. and H. Leslie. 2012. Ecosystem-Based Management for the Oceans.
Okochi, I, and K. Kawakami. 2010. Restoring the Oceanis Island Ecosystem: Impact and Management.
Thorton, Ian. 1997. Krakatoa: The Destruction and Reassembly of an Island Ecosystem.

8. **Tenure Track Faculty Qualified to Teach This Course.**

Sean Anderson, Cause Hanna, Jennifer Perry, Don Rodriguez

9. **Requested Effective Date:**
First semester to be offered: Summer 2016

10. **New Resources Requested. Yes** █   **No** X
 If YES, list the resources needed.

    A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)
    █

    B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)
    █

    C. Facility/Space/Transportation Needs
Santa Rosa Island Station

    D. Lab Fee Requested **Yes** █   **No** X **(Lab fee requests should be directed to the Student Fee Committee)**

    E. Other
    █

11. **Will this new course alter any degree, credential, certificate, or minor in your program? Yes** █   **No** X
If, YES attach a program update or program modification form for all programs affected.
Deadline for New Minors and Programs: October 1, 2014.
Priority deadline for Course Proposals and Modifications, and for Program Modifications: October 15, 2014.
Last day to submit forms to be considered during the current academic year: April 1, 2015.

Sean Anderson   10/9/14

Proposer of Course (Type in name(s). Signatures will be collected after Curriculum approval)   Date

Approval Sheet

Course Prefix and number: ▮▮▮

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

The CI program review process includes a report from the respective department/program on its progress toward accessibility requirement compliance. By signing below, I acknowledge the importance of incorporating accessibility in course design.

Program Chair		
	Signature	Date

Program Chair		
	Signature	Date

Program Chair		
	Signature	Date

General Education Chair		
	Signature	Date

Center for International Affairs Director		
	Signature	Date

Center for Integrative Studies Director		
	Signature	Date

Center for Multicultural Engagement Director		
	Signature	Date

Center for Civic Engagement Director		
	Signature	Date

Curriculum Chair		
	Signature	Date

AVP		
	Signature	Date