




Executive Memorandum 24-002

January 24, 2024

From: Stephen Perez, President _____

Subject: Approval of the New Option in Environmental Studies within the BA in Geography

Upon the recommendation of the Academic Senate and with the concurrence of the Provost, I approve the Option in Environmental Studies within the Bachelor of Arts in Geography, Department of Geography and Environmental Studies. The new option will require 21 units, will use CSU code 22061 with a related CIP code of 45.0701, and will be effective fall 2024.

Policy Title:	EM 24-002 Option in Environmental Studies
Contact:	Department of Geography and Environmental Studies
Supersedes:	
Revision:	
Enabling Legislation or Executive Order:	

New Undergraduate Option

Program Name: Environmental Studies

Program named above is an option within:

BA in Geography

(degree program name)

Department Contact(s) w/phone #(s):

LaDona Knigge - 898-5285

Required Signatures

The Department of Department of Geography and Planning
has reviewed and approved this new program

LaDona Knigge

Chair, Department Curriculum Committee

May 4, 2023

Date

LaDona Knigge

Department Chair

May 4, 2023

Date

The College of Behavioral and Social Sciences
has reviewed and approved this new program

William Nitzky

William Nitzky (May 4, 2023 20:35 PDT)

Chair, College Curriculum Committee

May 4, 2023

Date

Ryan Patten

College Dean

May 4, 2023

Date

Send signature page with proposal attached to Curriculum Services at zip 128

Curriculum Review Completed

9/13/23

Date

Ki Col Gray

Note: The department will be notified of the dates for EPPC, Academic Senate, WASC, and Chancellor's Office review.

Proposal for a New Option

- I. **Environmental Studies in Geography**
- II. Academic year of intended implementation. **2024-25**
- III. Name of the department and college submitting the proposal.
 - A. *Department of Geography and Planning (pending name change to Department of Geography and Environmental Studies)
College of Behavioral and Social Sciences*
 - B. The level of the option is undergraduate
- IV. Statements on questions of need and demand.
 - A. Relation of the program to the University Strategic Plan.
The Option in Environmental Studies supports the Strategic Priority of Resilient & Sustainable Systems, specifically the Strategic Goal to “integrate sustainability and resilience into curriculum, research, and campus operations to better serve students and meet the needs of society.”
 - B. Need for the proposed option.
 1. Identify other CSU campuses with the proposed option.
Dominguez Hills, East Bay, Humboldt, Monterey Bay, Northridge (BS), Pomona (BS), Sacramento, San Bernardino, San Diego, San Francisco, San Jose, San Luis Obispo (BS), San Marcos, and Sonoma
 2. Identify neighboring institutions with the proposed option.
UC Berkeley is the nearest non-CSU institution that offers BA in Geography. However, it is outside our service area.
 3. Identify differences, if any, between these programs and the proposed program.
Our proposed Environmental Studies option is unique because it is truly multi-disciplinary. This is by design because of the complex nature of environmental issues. We want our students to be able to approach environmental problems with the tools of diverse disciplines. Evidence of our commitment to this approach is found in our inclusion of courses from eleven different academic departments in this option’s curriculum. Our department values the support from each of those disciplines, and we are convinced this collaborative curriculum will benefit each department and the students who choose this option.
 - C. Identify other closely related curricula currently offered by the campus.

1. Explain the impact the proposed option will have on these programs.

This interdisciplinary program will add students to existing courses in the participating departments. Participating departments include EARTH, BIOL, ECON, POLS, ANTH, PSSC, HIST, RHPM, PHHA, and SOCI. For the past two decades these departments have offered courses as part of SOSC's Environmental Studies Option, and our department's Environmental Studies Minor. Students have bolstered enrollments in each of these departments' courses. The proposed option will further augment enrollments in these courses.

2. Explain how current programs do not meet the proposed option's objectives.

It is important to distinguish the proposed Environmental Studies Option from SOSC's existing Environmental Studies Area of Concentration. SOSC's Social Science program includes an interdisciplinary collection of core courses. Conversely, the proposed Environmental Studies Option has a disciplinary geography core taught by TT Geography faculty. It also provides students with a coherent academic home that includes a student club/presence and professional alumni.

Geography courses in the proposed option like GEOG 440 Environmental Thought in Action, GEOG 445 Pyrogeography, and GEOG 425 Planning for Sustainable Communities and Regions provide students with a deeper understanding of human environmental interactions and how to understand, evaluate, and reconcile the changes occurring in the natural and built environments.

Additionally, our proposed option will enhance environmental studies by grounding student learning in the Department of Geography and Planning's strong orientation toward field-based learning and geospatial analysis. The proposed option is tied to the major core, which includes methods courses like GEOG 111 Introduction to Geographic Methods and GEOG 211 Introduction to Geographical Information Systems. These courses provide students with foundational skills in geospatial analysis.

- D. Student demand for the program. (Narratives for both options should indicate that the numbers here (IV.-D.-2 and -3.) are for both options—the best-case scenario.)

1. Give evidence of serious student interest in the proposed option.
Our department has had students ask nearly every year in the last 7-10 years for an option in Environmental Studies. Many of these students registered for our Environmental Studies (ES) Minor from other majors or they do the ES minor and the Geography major with no particular dominant choice in current degree options. In addition, there has been developing interest in an Environmental Studies option through growth of the GE Pathway in Sustainability and Climate Change. Our proposed ES option provides those pathway minor students a coherent and richer course work with a solid geography core.

2. Estimated number of students seeking the option
 - a. in the year of initiation. 6 (12)*
 - b. after three years. 18 (36)*
 - c. after five years. 24 (48)*
*(*See the last paragraph of D.-2.-d. for the explanation of the number in the parentheses.)*
 - d. Describe methodology for developing these estimates.
Please note that our department is proposing two options: Environmental Studies and Landscape Studies. The following projections (estimated number of students seeking the option and estimated number of options awarded) are for both options. While semester-to-semester variations are expected, each option will attract one half of the projected numbers over the long run.

For AY 2023-24, there are 25 students admitted (but not yet accepted) to the current options of Geography and Planning. With active PR and recruitment efforts that the department is currently conducting, we expect an increasing number of those admitted students to consider accepting our degree program.

Examples of the PR and recruitment efforts include:

- *Obtaining a list of the admitted students and contacting them by calling, sending a text message, and/or meeting through Zoom;*
- *Hired Tehama Group Communication Team to develop promotional strategies and materials;*
- *Receiving support from College of BSS for development and distribution on promotional materials for social media and events;*
- *PR intern is maintaining Twitter, Facebook, Instagram, and LinkedIn pages as well as*

creating/distributing new spotlight videos of faculty and students; and

- *Sending PR materials to selected community colleges and high schools with AP Human Geography classes.*

For the year of initiation:

We estimated that only ¼ of this (admitted) student pool decides to join us (that is, six of 25).

Assuming we keep attracting this same number of students each year (that is, six per year),

after three years: 18

after five years: 24

For the number for “after five years,” we assume that the same number of students—six—keeps choosing our degree program and the same number of students complete our degree program in four years.

*In addition, we typically attract 3-6** students every semester (either undeclared students or those changing majors). One of our newest GE courses, GEOG 139, has been successfully attracting students, and we offer a section of GEOG 101 as a U-Course starting Fall 2023. Exposure of Geography and Planning in these freshman courses **is** expected to attract more potential students to our proposed option. We safely assume that these courses additionally attract 3-6*** new students. [These values (**, and ***) add up to 6-12 students.] We use the conservative low-end number (6 additional students) to the estimated number of students seeking the option. The new number for each of the year category is expressed in the parentheses (D.-2.-a.-c.).*

3. Estimate the number of options awarded

a. in the year of initiation. 0 (finishing up previous options)

b. after three years. <12

c. after five years. ~12

d. Describe methodology for developing these estimates.

It will be at the end of the second year after initiation (i.e., AY 2025-26) when the first round of transfer students will have earned BA in Geography with the proposed Environmental Studies option. Thus, the number of options awarded in the year of initiation is 0 (D.-3.-a.).

Assuming our continuous PR effort and recruitment to reach out to admitted students is successful, the number of new students to our proposed option remains steady, and the average number of years to complete a degree program is 4 years, there are about 12 students graduating each year with BA in Geography with the proposed Environmental Studies option.

E. Identify professional uses for the proposed option.

A degree in Environmental Studies prepares students for careers in a wide range of fields by combining interdisciplinary training in the multiple fields that make up environmental studies, with in-depth training in the academic disciplines that are central to finding solutions to our environmental problems. Students who complete the option can be expected to pursue a diverse collection of careers including:

Sustainable land management

Environmental advocacy

Environmental education

Government agency (local/state) and nonprofit organization planner

Environmental consultant and planner

City sustainability manager

Environmental lobbying

V. Resources

A. List the faculty members for the required courses in the program

Scott Brady, GEOG

Anita Chaudhry, ECON

Dean Fairbanks, GEOG

Noelle Ferdon, LEGL

Don Hankins, GEOG

LaDona Knigge, GEOG

Naomi Lazarus, GEOG

Susan Riggens, EARTH

Noriyuki Sato, GEOG

Rachel Schleiger, BIOL

Mark Stemen, GEOG

Janine Stone, ECON

B. List the faculty members for the elective courses in the program

Kwadwo Boakye, PHHA

Don Hankins, GEOG

Amy Howard, PSSC

Nicholas Janos, SOCI

LaDona Knigge, GEOG
Naomi Lazarus, GEOG
Sandrine Matiasek, EARTH
Shane Mayor, EARTH
Noriyuki Sato, GEOG
Rachel Schleiger, BIOL
Jesse Engebretson, RHPM
Tim Sistrunk, HIST
Mark Stemen, GEOG
Pete Tsournos, ECON
Melody Yeager, ANTH

C. List the resources needed to sustain the program for the first five years, including cost and funding source.

1. *Faculty: Current tenure-track faculty and lectures*
2. *Staff: Current ASC sufficient*
3. *Facilities: New BSS building will be sufficient*
4. *Library resources: Current library resources sufficient; letter from library provided.*
5. *Equipment: no new equipment needed*
6. *Specialized material: none required*

While the resources required to initiate our new option is minimal, this can be accomplished by streamlining the curriculum, cooperating with other departments, and utilizing the existing campus resources.

By streamlining, we are reducing the number of courses/sections offered each semester to better utilize tenure-track faculty in order to address the current environment of declining campus student population. We are also rotating courses to maximize faculty's specialty to balance students' demand and enrollment. When the enrollment returns, we will revert our schedule and offer these courses more frequently.

We are also cooperatively working with other departments/programs to support and accommodate students' needs. For example, we are adding the section 72 component to our existing courses to distance education as part of the on-going change that the Social Science program has made.

D. Additional support resources required, including source of support.

While we are using existing resources and are not offering new courses, faculty's freed-up time will be used to conduct other important functions, such as: course preparations, online transition,

advising, and recruitment (see IV.-D.-2.-d) to address an effort to reverse the trend of low enrollment/majors.

For example, all the department's faculty members are advisors, and the department holds the mandatory advising period each semester for majors. Students must see faculty and lay out their schedules for an upcoming semester to have their registration block removed. The use of DPRs and Chico360 advising platforms have made the task efficient.

We acknowledge campus support resources, without which we cannot successfully initiate our proposed option.

- *TLP support for the transition to Canvas from Blackboard Learn,*
- *Classroom Technology Services to support our offering courses in the ChicoFlex format and have the section 72 component,*
- *ITSS Technical and Computing Support to assist with reimaging of lab computers, student logins, and troubleshooting,*
- *Meriam Library for research activities for both students and faculty,*
- *Student Learning Center for academic support for students,*
- *Academic Advising and BSS Student Success Advising for general advising and advising for those who need to get back on track,*
- *GPAB (Geography and Planning Alumni-Advisory Board) for guidance and assistance for students' success,*
- *Big Chico Creek Ecological Reserve (BCCER) for outdoor classroom environment,*
- *The campus Bus Reservations for our field courses/field trips*
- *Donors for Wildcat Awards associated with Geography and Planning as well as for departmental awards to recognize students' excellence.*

VI. Curriculum

Note: Proposed curriculum should take advantage of courses already offered in other departments when subject matter would otherwise overlap or duplicate existing course content.

- A. Total number of units required for option.
45 units [24 core (required) units + 21 option-core and elective units]
- B. Special criteria for admission and/or continuation (if applicable).
N/A

- C. Explanation of any special program characteristics (e.g., terminology, credit units required, types of coursework, etc.).
1. *The Environmental Studies Option (which follows on from the Environmental Studies Minor) has an agreed on multi-disciplinary core of nine units of social science courses and six units of natural science courses, and three application sections in which students pick two courses from a list of six. Our department preserved this collection because it values the high quality of teaching in each of these courses, and they have been successful in the Environmental Studies Minor for two decades. Each department offers these courses on a regular basis to help students meet GE requirements and to attract students to their respective majors. Similarly, faculty members listed above have developed these courses as parts of their regular suites of courses. Faculty commitment to these “core” courses have made both the GE Pathway minor in Sustainability and Climate Change and our Environmental Studies Minor popular among students. The major difference now is that the Environmental Studies Option is highly strengthened with a geography core of thematic and methodological courses as outlined below.*
- D. List all new courses for the proposed program.
The new option does not require any new courses.
- E. List all required courses for the program along with a rationale for why each one should be required.

Core - 24-units required:

GEOG 101 Earth Systems and Physical Geography (3)
GEOG 102 People, Places, and Environments (3)
GEOG 111 Introduction to Geographic Methods (3)
GEOG 139 Visualizing Local Landscapes (3)
GEOG 211 Introduction to Geographical Information Systems (3)
GEOG 407GWAR Earth Systems Analysis of Global Change (3)

Select 2 courses from:

GEOG 301W Global Economic Geography (3)
GEOG 303 Geography and World Affairs (3)
GEOG 304 Sustainability and Climate Change Issues (3)
GEOG 305 Mobile, Wired, and Tracked: Our Digital Planet (3)

The 8-course, 24-unit core is common for the two options that we are proposing: Environmental Studies and Landscape Studies.

The core courses prepare students to pursue either option by providing broad background in the discipline of geography and geospatial methods/techniques. These courses cover human/cultural geography (GEOG 102 and GEOG 139), physical geography (GEOG 101), environment and sustainability (GEOG 304), geospatial methods/techniques (GEOG 111, GEOG 211, and GEOG 305), and global issues (GEOG 301W and GEOG 303). GEOG 407W (GWAR) provides a culminating experience for students in both options.

Except for two geospatial method/techniques courses (GEOG 111 and GEOG 211) and the GWAR course (GEOG 407W) in the core, all other courses are GE courses, which are offered every semester. It is noteworthy to point out that GEOG 101, 102, 139 and GEOG 304 are four courses that introduce the options of Environmental Studies and Landscape Studies, respectively.

The primary rationale for the required courses in the Environmental Studies option below is that they are the agreed balance of courses for the environmental studies minor and environmental concentration in social sciences that has been working for years. They work because pertinent subject matter and faculty commitment to these courses. All courses are three units.

The structure of the option is made up of a social science and natural science core, and three application sections. The core courses in the option were chosen for their broad applicability to environmental problems. To provide depth to the option, three “application” sections were created, and students choose two courses from one of the application sections. Departments were asked to recommend appropriate courses that provided a disciplinary focus on the environment and did not require additional prerequisites. Participating departments agreed that for the purpose of the proposed option there was no need to change the core courses. Rather, simply updating changes in faculty offering the courses was sufficient.

Option-Core - 5 courses required:

<i>BIOL 334</i>	<i>Conservation Ecology</i>
<i>ECON 365</i>	<i>Environmental Economics</i>
<i>ERTH 330W</i>	<i>Environmental Science</i>
<i>GEOG 440</i>	<i>Environmental Thought in Action</i>
<i>LEGL 461</i>	<i>Environmental Politics and Policy</i>

- F. List all elective courses for the program along with a general rationale for why each should be included as such.

The three application sections represent three different areas of environmental inquiry. Departments across the campus were asked to contribute courses based on disciplinary expertise, and these were their original selections. The course list has been updated this year, in consultation with the participating departments, to provide their best currently offered courses for inclusion.

Our department urges the committee to appreciate how the proposed option is a model of efficacy during these years of austerity. Rather than re-creating the wheel by creating new courses, we identified courses that already are successful, updated them where necessary, and created a new coherent framework (wheel) that will appeal to students.

All courses are three units.

Select 2 courses from one of the following categories:

Natural Resources

<i>ERTH 370W</i>	<i>Energy in the Human Environment (W)</i>
<i>ERTH 460 (S1)</i>	<i>Water Resources Management</i>
<i>GEOG 343</i>	<i>Climatology</i>
<i>GEOG 426</i>	<i>Sustainable Water Systems</i>
<i>GEOG 445</i>	<i>Pyrogeography</i>
<i>PSSC 390</i>	<i>Food Forever: Comparisons of Sustainable Food Production Systems</i>

Rationale: The courses were chosen by the departments to provide a more in-depth view of land-based environmental inquiry.

Nature, Society, and Human Values

<i>ANTH 333</i>	<i>Nature, Culture, Environment</i>
<i>BIOL 322W</i>	<i>Science and Human Values (W)</i>
<i>GEOG 306 (F1)</i>	<i>Geographies of Disaster</i>
<i>GEOG 405</i>	<i>Conservation, Restoration, and Stewardship</i>
<i>HIST 341W</i>	<i>American Environment (W)</i>
<i>RHPM 448</i>	<i>Methods and Materials for Environmental Education</i>

Rationale: The courses were chosen by the departments to provide a more in-depth view of social and humanistic based environmental inquiry.

Law, Policy, and the Environment

<i>ECON 355</i>	<i>The Economics of Government Regulations</i>
<i>GEOG 425 (F1)</i>	<i>Planning for Sustainable Communities and Regions</i>
<i>GEOG 436 (F2)</i>	<i>Sustainable Transportation Planning</i>

GEOG 506	<i>Community Service Practice in Geography</i>
PHHA 362	<i>Environmental Health</i>
SOCI 420	<i>Environmental Sociology</i>

Rationale: The courses were chosen by the departments to provide a more in-depth view of economic and policy based environmental inquiry.

- G. For undergraduate options, explain provisions for articulation of the proposed option with community college courses.
The following lower division courses we teach are given credit when articulated to community college courses: GEOG 101, 102, 105, 106, 111 and 211. If a transfer student didn't earn credit for GEOG 102, but did earn credit for GEOG 105 or 106, substituted credit for GEOG 102 would be awarded. Based on community college articulation, a transfer student has the potential of clearing 12 units of the major core with transfer coursework.
- H. For undergraduate options, will the new option be matched to an existing associate degree, as specified in SB 1440, and if so, is it certain that the new degree option will not require a student to repeat courses similar to those taken for the associate degree?
The existing BA in Geography is currently matched to the AA-T in Geography. The changes to the BA in Geography and addition of the two options won't affect the match. Both options will be matched and will not require students to repeat courses.
- I. Writing Requirement
1. For an undergraduate option, list the number and title of the Graduation Writing Assessment (GWAR) course for the option. List the GWAR course for the degree program if it is different from the GWAR course for the option.
GEOG 407W: Earth Systems Analysis of Global Change
 2. For a graduate option, indicate how the graduate literacy requirement is met within the option and/or degree program.
N/A
- J. For a graduate option, indicate the culminating activity for the option and/or degree program.
N/A
- K. Complete catalog copy, including full degree requirements (i.e., a catalog description of the full degree program, not just the option being proposed), and admission and completion requirements. See the current

University Catalog for correct format; please follow it exactly. Before the proposal is submitted to Academic Affairs (for undergraduate options) or to the Office of Graduate Studies (for graduate program options), it may be helpful to review catalog copy with Academic Publications.

The Option in Environmental Studies provides interdisciplinary insight into critical environmental issues that is grounded in field-based learning and geospatial analysis. The option is appropriate for all students seeking to increase their environmental literacy and pursue careers in the environmental field.

Geography BA

Total Units Required: 120

Department website: <https://www.csuchico.edu/geop/>

See [Bachelor's Degree Requirements](#) for complete details on general degree requirements. A minimum of 39 units, including those required for the major, must be upper division.

Overview

The Bachelor of Arts in Geography is available to students through two options.

The option in Environmental Studies. This option provides students interdisciplinary perspectives on critical environmental issues. Drawing from the natural and social sciences, this option equips students to understand issues at a global scale. It also provides them opportunities to engage in problem-solving at the local level. This option is tailored for students interested in environmental policy, planning, stewardship, applied conservation, restoration, ecological sustainability, and global climate change. Students gain knowledge and skills to understand and intervene in urban, rural, and regional processes. Graduates will contribute to the creation of livable communities, regenerative economies, and sustainable places.

The option in Landscape Studies. The focus is on cultural and physical landscapes and the natural processes and diverse cultures that have shaped them. Students will examine landscapes from the perspectives of physical and human geography at scales that range from the local to the global. Knowledge of climate patterns, vegetation and landforms combined

with an understanding of societal trends such as urban expansion and migration will demonstrate how landscapes are a synthesis of human and natural environments of the past, present, and future. An emphasis on field-based learning will sharpen students' observational and interpretive skills and help them learn about real-world social and environmental issues while recognizing and drawing from the knowledge of diverse peoples and places to become more mindful citizens as they engage in environmental stewardship, policy, and land-use planning.

General Education Requirements: 48 units

See [General Education](#) and the [Class Schedule](#) for the most current information on General Education Requirements and course offerings.

General Education Courses Suggested for Geography Majors

The following General Education courses are recommended to support the student in either of the options for the geography major:

- Critical Thinking: [ERTH 104](#) or [PHIL 102](#)
- Mathematics/Quantitative Reasoning: [MATH 105](#), [MATH 118](#), or [MATH 120](#)
- Life Science: [BIOL 161](#), [PSSC 101](#), or [SCED 102](#)

Diversity Course Requirements: 6 units

You must complete a minimum of two courses that focus primarily on cultural diversity. At least one course must be in U.S. Diversity (USD) and at least one in Global Cultures (GC). See [Diversity Requirements](#) for a full list of courses. Most courses taken to satisfy these requirements may also apply to [General Education](#).

Upper-Division Writing Requirement

Writing Across the Curriculum ([EM 17-009](#)) is a graduation requirement and may be demonstrated through satisfactory completion of four Writing (W) courses, two of which are designated by the major department. See [Mathematics/Quantitative Reasoning and Writing Requirements](#) for more details on the four courses. The first of the major designated Writing (W) courses is listed below.

- EARTH 330W Environmental Science (W) ([Environmental Studies](#) option), or
- GEOG 439W American Cultural Landscapes (W) ([Landscape Studies](#) option)

The second major-designated Writing course is the Graduation Writing Assessment Requirement (GW) ([EO 665](#)). Students must earn a C- or higher to receive GW credit. The [GE](#)

Written Communication (A2) requirement must be completed before a student is permitted to register for a GW course.

Grading Requirement

All courses taken to fulfill program course requirements must be taken for a letter grade except those courses specified by the department as credit/no credit grading only.

Course Requirements for the Major: 45 units

Completion of the following courses, or their approved transfer equivalents, is required of all candidates for this degree. Courses in this program may complete more than one graduation requirement.

Course	Title	Units
Major Core		
GEOG 101	Earth Systems and Physical Geography	3
GEOG 102	Peoples, Places, and Environments	3
GEOG 111	Introduction to Geographic Methods	3
GEOG 211	Introduction to Geographical Information Systems	3
GEOG 139	Visualizing Local Landscapes	3
GEOG 407W	Earth Systems Analysis of Global Change (W)	3
Select two of the following:		6
GEOG 301W	Global Economic Geography (W)	
GEOG 303	Geography and World Affairs	
GEOG 304	Sustainability and Climate Change Issues	
GEOG 305	Mobile, Wired, and Tracked: Our Digital Planet	
Major Option		
Select one of the following options:		21
Environmental Studies		
Landscape Studies		
Total Units		45

Major Option Course Requirements

Students must select one of the following options for completion of the major course requirements.

The Option in Environmental Studies: 21 units

Course	Title	Units
Option Core		
BIOL 334	Conservation Ecology	3

ECON 365	Environmental Economics	3
ERTH 330W	Environmental Science	3
GEOG 440	Environmental Thought in Action	3
LEGL 461	Environmental Politics and Policy	3
Applications		
Select two courses from one of the following three categories:		6
Natural Resources		
ERTH 370W	Energy in the Human Environment (W)	
ERTH 460 (S1)	Water Resources Management	
GEOG 343	Climatology	
GEOG 426	Sustainable Water Systems	
GEOG 445	Pyrogeography	
PSSC 390	Food Forever: Comparisons of Sustainable Food Production Systems	
Nature, Society, and Human Values		
ANTH 333	Nature, Culture, Environment	
BIOL 322W	Science and Human Values (W)	
GEOG 306 (F1)	Geographies of Disaster	
GEOG 405	Conservation, Restoration, and Stewardship	
HIST 341W	American Environment (W)	
RHPM 448	Methods and Materials for Environmental Education	
Law, Policy, and the Environment		
ECON 355	The Economics of Government Regulations	
GEOG 425 (F1)	Planning for Sustainable Communities and Regions	
GEOG 436 (F2)	Sustainable Transportation Planning	
GEOG 506	Community Service Practice in Geography	
PHHA 362	Environmental Health	
SOCI 420	Environmental Sociology	
Total Units		21

The Option in Landscape Studies: 21 units

Course	Title	Units
Option Core		
GEOG 306 (F1)	Geographies of Disaster	3
GEOG 320	Introduction to Land Use Planning	3
GEOG 343	Climatology	3
GEOG 405	Conservation, Restoration, and Stewardship	3
GEOG 439W	American Cultural Landscapes (W)	3
Applications		
Select two courses from one of the following four categories:		6
Sustainable Planning		
GEOG 425 (F1)	Planning for Sustainable Communities and Regions	
GEOG 436 (F2)	Sustainable Transportation Planning	

GEOG 438	Urban Geography	
GEOG 506	Community Service Practice in Geography	
<i>Landscape Analysis and Visualization</i>		
GEOG 313	Introductory Cartography	
GEOG 315	Applied Statistical Methods in Geography	
GEOG 418	Remote Sensing of Environment	
<i>Landscape Stewardship</i>		
GEOG 417	Field Techniques	
GEOG 426	Sustainable Water Systems	
GEOG 445	Pyrogeography	
<i>General Geography</i> select courses that were not taken to satisfy the core requirements.		
GEOG 301W	Global Economic Geography (W)	
GEOG 303	Geography and World Affairs	
GEOG 304	Sustainability and Climate Change Issues	
GEOG 305	Mobile, Wired, and Tracked: Our Digital Planet	
GEOG 352	The United States	
GEOG 357	Lands and Peoples of Latin America	
Total Units		21

Electives Requirement

To complete the total units required for the bachelor's degree, select additional elective courses from the total University offerings. You should consult with an advisor regarding the selection of courses which will provide breadth to your University experience and possibly apply to a supportive second major or minor.

Honors in the Major

Honors in the Major is a program of independent work in your major. It requires 6 units of honors course work completed over two semesters.

The Honors in the Major program allows you to work closely with a faculty mentor in your area of interest on an original performance or research project. This year-long collaboration allows you to work in your field at a professional level and culminates in a public presentation of your work. Students sometimes take their projects beyond the University for submission in professional journals, presentation at conferences, or academic competition. Such experience is valuable for graduate school and professional life. Your honors work will be recognized at your graduation, on your permanent transcripts, and on your diploma. It is often accompanied by letters of commendation from your mentor in the department or the department chair.

Some common features of Honors in the Major program are:

- You must take 6 units of Honors in the Major course work. All 6 units are honors classes (marked by a suffix of H), and at least 3 of these units are independent study (399H, 499H, 599H) as specified by your department. You must complete each class with a minimum grade of B.
- You must have completed 9 units of upper-division course work or 21 overall units in your major before you can be admitted to Honors in the Major. Check the requirements for your major carefully, as there may be specific courses that must be included in these units.
- Your cumulative GPA should be at least 3.5 or within the top 5% of majors in your department.
- Your GPA in your major should be at least 3.5 or within the top 5% of majors in your department.
- Most students apply for or are invited to participate in Honors in the Major during the second semester of their junior year. Then they complete the 6 units of course work over the two semesters of their senior year.
- Your honors work culminates with a public presentation of your honors project.

While Honors in the Major is part of the Honors Program, each department administers its own program. Please contact your major department or major advisor to apply.

Geography and Economics Double Major

Students may take two geography and two economics courses from the following list. All 12 units will count toward both majors (geography courses will count toward 100-level electives in the economics major).



Course	Title	Units
ECON 365	Environmental Economics	3
ECON 375	The Developing Countries	3
ECON 466W	Environmental and Natural Resource Economics (W)	3
GEOG 301W	Global Economic Geography (W)	3
GEOG 304	Sustainability and Climate Change Issues	3
GEOG 320	Introduction to Land Use Planning	3
GEOG 425	Planning for Sustainable Communities and Regions	3
GEOG 436	Sustainable Transportation Planning	3
GEOG 438	Urban Geography	3

Geography and History Double Major

Students may elect a geography and history double major. Up to 9 units of appropriate upper-division history courses (HIST) may be applied to the geography major. Prior approval by a department advisor and the chair is required.

Geography and Environmental Studies

See [Course Description Symbols and Terms](#) for an explanation of course description terminology and symbols, the course numbering system, and course credit units.

GEOG 101	Earth Systems and Physical Geography		3.0	SMF	GE
GEOG 102	Peoples, Places, and Environments		3.0	FS	GE GC
GEOG 105	California Cultural Landscapes		3.0	FS	GE USD
GEOG 106	American West Decolonized		3.0	FS	GE USD
GEOG 111	Introduction to Geographic Methods		3.0	FA	
GEOG 119A	Introductory ArcGIS		1.0	INQ	
GEOG 139	Visualizing Local Landscapes		3.0	FS	GE
GEOG 198	Special Topics		1.0-3.0	FS	
GEOG 199	Special Problems		1.0-3.0	FS	
GEOG 211	Introduction to Geographical Information Systems		3.0	FS	
GEOG 301W	Global Economic Geography (W)		3.0	FS	GE GC W
GEOG 303	Geography and World Affairs		3.0	SMF	GE GC
GEOG 304	Sustainability and Climate Change Issues		3.0	FS	GE
GEOG 305	Mobile, Wired, and Tracked: Our Digital Planet		3.0	FS	GE
GEOG 306	Geographies of Disaster		3.0	F1	
GEOG 313	Introductory Cartography		3.0	FA	
GEOG 315	Applied Statistical Methods in Geography		3.0	FA	
GEOG 320	Introduction to Land Use Planning		3.0	FA	
GEOG 342	Geomorphology		3.0	FA	
GEOG 343	Climatology		3.0	FA	
GEOG 352	The United States		3.0	FS	GE USD
GEOG 357	Lands and Peoples of Latin America		3.0	FS	GE GC
GEOG 389	Geography Internship		1.0-3.0	FS	
GEOG 398	Special Topics		1.0-3.0	FS	
GEOG 398H	Special Topics – Honors		3.0	INQ	
GEOG 399	Special Problems		1.0-3.0	FS	
GEOG 405	Conservation, Restoration, and Stewardship		3.0	FA	
GEOG 407W	Earth Systems Analysis of Global Change (W)		3.0	SP	GW W
GEOG 411	Geospatial Analysis and Modeling in GIS		3.0	SP	
GEOG 417	Field Techniques		3.0	FA	
GEOG 418	Remote Sensing of Environment		3.0	SP	
GEOG 425	Planning for Sustainable Communities and Regions		3.0	F1	
GEOG 426	Sustainable Water Systems		3.0	SP	
GEOG 427	Environmental Impact Analysis		3.0	SP	
GEOG 428	Land Use Planning Studio		3.0	S2	
GEOG 429	Environmental and Conservation Planning		3.0	S1	
GEOG 436	Sustainable Transportation Planning		3.0	F2	
GEOG 438	Urban Geography		3.0	SP	
GEOG 439W	American Cultural Landscapes (W)		3.0	FA	W
GEOG 440	Environmental Thought in Action		3.0	SP	
GEOG 445	Pyrogeography		3.0	SP	
GEOG 489	Geography Internship		1.0-3.0	FS	
GEOG 498	Special Topics		1.0-3.0	FS	

GEOG 499	Special Problems	1.0-3.0	FS
GEOG 499H	Honors Research in Geography	3.0	FS
GEOG 506	Community Service Practice in Sustainability	3.0	FA
GEOG 598	Special Topics	1.0-3.0	FS
GEOG 599	Special Problems	1.0-3.0	FS
GEOG 689	Geography Internship	1.0-3.0	FS
GEOG 689T	Supervised College Teaching	2.0	FS
GEOG 697	Independent Study	1.0-3.0	FS
GEOG 699P	Master's Project	1.0-6.0	FS
GEOG 699T	Master's Thesis	1.0-6.0	FS

- L. For undergraduate programs, include a Major Academic Plan (MAP) with the proposal. If you have questions or need help, contact Academic Advising Programs.

California State University Chico

Major: Geog: Environmental Studies (BA)

*This student is remediated in Math and English
 *This student took 4 years of high school language other than English

Catalog Year: 2024-25

Degree Units: 120

Semester 1		Semester 2		Comments It is recommended that you meet with your major advisor early in your academic career and every semester. Manipulate and create your own semester by semester plan using your Smart Planner in your Portal. Review your Degree Progress Report (DPR) in your Student Center, meet with your Major Department Advisor for major coursework, and meet with an Academic Advisor in SSC 220 to review General Education and Graduation requirements. Consider meeting the United States Diversity and Global Cultures requirements within GE courses. University Writing Requirement: You must complete a GE Written Communication (A2) course with a grade of C- or higher, and a Graduation Writing Assessment Requirement (GW) course in your major with a grade of C- or higher. In addition you must complete 2 additional Writing (W) courses, see your DPR for specific writing course options. Apply to graduate one year before anticipated graduation date. Priority registration is guaranteed your final semester if you applied for graduation by the stated deadline.
GE Area A1	3	GEOG 101 (GE Area B1)	3	
GE Area A2	3	GEOG 102, 106, SOSC 301	3	
Lower Division GE Course	3	GE Area A3	3	
HIST 130 or POLS 155	3	GE Area A4	3	
Lower Division GE Course	3	Lower Division GE Course	3	
Total Units	15	Total Units	15	
Semester 3		Semester 4		
Lower Division GE Course	3	GEOG 211	3	
Lower Division GE Course	3	HIST 130 or POLS 155	3	
Lower Division GE Course	3	Elective or Minor	3	
GEOG 111	3	Elective or Minor	3	
GEOG 139	3	Elective or Minor	3	
Total Units	15	Total Units	15	
Semester 5		Semester 6		
GEOG 313 or 315 or 436	3	GEOG 301W or 303 or 304 or 305	3	
BIOL 334	3	Elective or Minor	3	
GEOG 301W or 303 or 304 or 305	3	Elective or Minor	3	
GE UD Pathway	3	GE UD Pathway	3	
ECON 365	3	POLS 461	3	
Total Units	15	Total Units	15	
Semester 7		Semester 8		
ERTH 330W	3	GEOG 407W - GVAR	3	
Elective or Minor	3	GEOG 440	3	
GEOG 439W	3	Elective or Minor	3	
Elective or Minor	3	GE UD Pathway	3	
Elective or Minor	3	Elective or Minor	3	
Total Units	15	Total Units	15	

Prerequisites for CORE Courses



**Meriam Library
California State University, Chico**

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MEMORANDUM

To:

From: William Cuthbertson

Date: March 22, 2023

Subject: Library support for the new Options in Landscape Studies and in Environmental Studies.

The Meriam Library currently supports the existing Environmental Studies option and current library resources would be adequate to support the new **Environmental Studies** and **Landscape Studies** options. Both options are based on existing courses, taught with same frequency as at present; the classes within the options have already been supported by library resources.

Databases which support this major, the students, and faculty include *GeoRef*, *GEOBASE*, *Science Direct*, *EBSCO Academic Search*, and *JSTOR*.

Student support for information literacy and library research is provided by one full-time Associate Librarian (W. Cuthbertson).

Students will have access to Interlibrary Services that will provide services and resources to distance learners as well as obtain materials not owned by the library.

Finally, money allocated to departments can be used to purchase any additional books the program may require.

Dear Dr. Stemen:

The proposed Option in Environmental Studies – BA in Geography (GEOG) and overlap with the BA in Social Science (SOSC) support CSU, Chico in promoting student retention and student success. Keeping an Environmental Studies Area of Concentration (AoC) in SOSC provides an academic back up for students who move out of the area and need to complete their degree online as well as an opportunity to support retention if they are not successful in the Department of Geography. Students will have a unique experiences in the major of their choice because the program cores differ: the Department of Geography provides strong orientation toward field-based learning and geospatial analysis whereas the Social Science core is more theoretical and interdisciplinary. I agree with the changes to the BA in GEOG and new option in Environmental Studies.

The SOSC Program is distinct in a number of ways:

- ✓ provides a wide variety of choices within the 20 areas of concentration (AoC) to accommodate student needs distinct from department-based social science majors – Environmental Studies is just one of the areas of concentration.
- ✓ applies substitutions to support students toward retention and graduation by maintaining flexibility in the major while creating a structured course of study,
- ✓ affords flexibility in serving those students switching majors late in their career or for those who are unable to complete an internship,
- ✓ promotes minors and certificates both on campus and online,
- ✓ allows students to complete their degrees online due to relocation, family responsibilities, cost, gas, etc.
- ✓ BA in SOSC: Options in both Specialization Studies and Multidisciplinary Studies can be used to fulfill the Subject Matter Requirement for pre-credential students seeking admission to a teacher credential program.
- ✓ has core courses embedded in General Education (SOSC 300 and 302),
- ✓ provides scholarships and awards for future teachers, students pursuing gerontology, and outstanding social students for both options as well as residential and online students, and
- ✓ serves as a pathway to the MA in SOSC.

Diana Flannery, PhD
Coordinator, Social Science and Special Programs
Professor, Department of Public Health and Health Services Administration
California State University, Chico
Chico, CA 95929-0505
530.898.4993
dflannery@csuchico.edu

From: [Colleen Milligan](#)
To: [LaDona G Knigge](#)
Subject: Re: Approval of minor change for GEOG 405
Date: Saturday, October 22, 2022 3:03:18 AM
Attachments: [image001.png](#)

I approve

On Oct 21, 2022, at 3:28 PM, LaDona G Knigge <lknigge@csuchico.edu> wrote:

Dear Colleen,

We are in the middle of a curriculum refresh. We are proposing minor changes to GEOG 405 as below:

The changes are:

- Modify name to Conservation, Restoration, and Stewardship
- Modify prerequisites to GEOG 101 or equivalent, GEOG 426, 445, or equivalent
- Modify course description to better reflect the content and increase appeal to:

Degraded ecosystems, increased species extinctions, and the climate crisis are global challenges. Become an ecological fixer. Learn diverse principles and practices to effectively conserve, restore, and steward ecosystems in an ever-changing world filled with complex ecological and social interaction work on the Butte Creek Ecological Reserves and other similar sites provide a focus for class projects and discussions. Evaluate and create solutions through experiential learning in various field locations.

Could you respond affirmatively if you agree to the change and it will not negatively impact your program?

Thanks,
LaDona Knigge

LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University, Chico
Chico, CA 95929-0425

From: [Kristopher A Blee](#)
To: [LaDona G Knigge](#)
Cc: [Mark Stemen](#)
Subject: RE: Approval of course(s) in Environmental Studies Option
Date: Wednesday, March 8, 2023 8:31:34 AM

I approve.
Kris Blee
Biology Chair

From: LaDona G Knigge <lknigge@csuchico.edu>
Sent: Tuesday, March 7, 2023 4:34 PM
To: Kristopher A Blee <KBlee@csuchico.edu>
Cc: Mark Stemen <MStemen@csuchico.edu>
Subject: Approval of course(s) in Environmental Studies Option

Hi Kris,

Last fall, we made small changes to our Environmental Studies Minor, and to the Environmental Studies Concentration in the Social Science Major. We are now in the process of revising our Major and we are adding Environmental Studies as an Option.

A course(s) in your department is included in the option, so we are consulting with you to inform you that your course will be included in the degree and more students may enroll in that course. [If you agree to the inclusion of your course\(s\) in the proposed option, please respond affirmatively to this email with your approval.](#) I have attached the proposal for our new major for your review.

If you have any questions, please contact me or Mark Stemen via email (lknigge@csuchico.edu or mstemen@csuchico.edu) or you can call me at x5881.

Thank you.

Best regards,

LaDona

LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University Chico
Chico, CA 95929-0425
<https://www.csuchico.edu/geop/>



LaDona G Knigge

From: Pete T Tsournos
Sent: Thursday, March 9, 2023 10:18 AM
To: LaDona G Knigge
Cc: Mark Stemen
Subject: Re: Approval of course(s) in Environmental Studies Option

Hi LaDona,

I approve of the inclusion of our courses in the proposed option. The option itself is fantastic.

Best,

Pete

From: LaDona G Knigge <lknigge@csuchico.edu>
Sent: Tuesday, March 7, 2023 4:32 PM
To: Pete T Tsournos <PTsournos@csuchico.edu>
Cc: Mark Stemen <MStemen@csuchico.edu>
Subject: Approval of course(s) in Environmental Studies Option

Hi Pete,

Last fall, we made small changes to our Environmental Studies Minor, and to the Environmental Studies Concentration in the Social Science Major. We are now in the process of revising our Major and we are adding Environmental Studies as an Option.

A course(s) in your department is included in the option, so we are consulting with you to inform you that your course will be included in the degree and more students may enroll in that course. If you agree to the inclusion of your course(s) in the proposed option, please respond affirmatively to this email with your approval. I have attached the proposal for our new major for your review.

If you have any questions, please contact me or Mark Stemen via email (lknigge@csuchico.edu or mstemen@csuchico.edu or you can call me at x5881.

Thank you.

Best regards,

LaDona



LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University Chico
Chico, CA 95929-0425
<https://www.csuchico.edu/geop/>

From: [Angela Corral](#)
To: [Nicol Gray](#)
Subject: Fw: FW: GEOP Curriculum follow up
Date: Monday, May 8, 2023 10:36:44 AM

ERTH - email response for GEOP curriculum

From: Todd Greene <tjgreene@csuchico.edu>
Sent: Monday, May 8, 2023 10:00 AM
To: LaDona G Knigge <lknigge@csuchico.edu>; Angela Corral <ACorral@csuchico.edu>; Mark Stemen <MStemen@csuchico.edu>
Subject: Fwd: FW: GEOP Curriculum follow up

LaDona,

ERTH sees no conflict with the proposed changes and is in favor of these revisions for the major.

Thanks for considering us,

Todd Greene
ERTH, Chair

From: LaDona G Knigge <lknigge@csuchico.edu>
Sent: Friday, May 5, 2023 4:53:14 PM (UTC-08:00) Pacific Time (US & Canada)
To: Todd J Greene <tjgreene@csuchico.edu>
Cc: Mark Stemen <MStemen@csuchico.edu>; Angela Corral <ACorral@csuchico.edu>
Subject: GEOP Curriculum follow up

Thank you for attending our department meeting today. As you know, last fall, we made small changes to our Environmental Studies Minor, and to the Environmental Studies Concentration in the Social Science Major.

We are now in the process of revising our Major and we are adding Environmental Studies as an Option. A course(s) in your department is included in the option, so we are consulting with you to inform you that your course will be included in the degree and more students may enroll in that course.

If you agree to the inclusion of your course(s) in the proposed option, please respond affirmatively to this email with your approval. I have attached the proposal for our new major for your review.

If you have any questions, please contact me or Mark Stemen via email (lknigge@csuchico.edu or mstemen@csuchico.edu) or you can call me at x5881.

Thank you.

Best regards,

LaDona

LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University Chico
Chico, CA 95929-0425
<https://www.csuchico.edu/geop/>



--

Todd J. Greene
Professor and Chair
Department of Earth and Environmental Sciences
California State University, Chico
400 W. 1st St.
Chico, CA 95929-0205
office: (530) 898-5546
fax: (530) 898-4363
<http://toddgreene.weebly.com>

From: [Robert Tinkler](#)
To: [LaDona G Knigge](#)
Subject: RE: Approval of course(s) in Environmental Studies Option
Date: Tuesday, March 7, 2023 4:39:30 PM

Hi, LaDona,

Thank you for being in touch about including HIST 341W in your major option. We would be happy for HIST 341W to play that role.

Thanks very much,
Robert

From: LaDona G Knigge <lknigge@csuchico.edu>
Sent: Tuesday, March 07, 2023 4:35 PM
To: Robert Tinkler <RTinkler@csuchico.edu>
Subject: Approval of course(s) in Environmental Studies Option

Hello Robert,

Last fall, we made small changes to our Environmental Studies Minor, and to the Environmental Studies Concentration in the Social Science Major. We are now in the process of revising our Major and we are adding Environmental Studies as an Option.

A course(s) in your department is included in the option, so we are consulting with you to inform you that your course will be included in the degree and more students may enroll in that course. If you agree to the inclusion of your course(s) in the proposed option, please respond affirmatively to this email with your approval. I have attached the proposal for our new major for your review.

If you have any questions, please contact me or Mark Stemen via email (lknigge@csuchico.edu or mstemen@csuchico.edu) or you can call me at x5881.

Thank you.

Best regards,

LaDona

LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University Chico
Chico, CA 95929-0425
<https://www.csuchico.edu/geop/>

From: [Stanley R Salinas](#)
To: [LaDona G Knigge](#)
Subject: Re: Approval of course(s) in Environmental Studies Option
Date: Tuesday, March 7, 2023 5:01:02 PM

LaDona,

I approve.

Stan Salinas
Department Chair & Associate Professor
Public Health & Health Services Administration
California State University Chico

From: LaDona G Knigge <lknigge@csuchico.edu>
Sent: Tuesday, March 7, 2023 4:35:29 PM
To: Stanley R Salinas <srsalinas@csuchico.edu>
Subject: Approval of course(s) in Environmental Studies Option

Hi Stan,

Last fall, we made small changes to our Environmental Studies Minor, and to the Environmental Studies Concentration in the Social Science Major. We are now in the process of revising our Major and we are adding Environmental Studies as an Option.

A course(s) in your department is included in the option, so we are consulting with you to inform you that your course will be included in the degree and more students may enroll in that course. If you agree to the inclusion of your course(s) in the proposed option, please respond affirmatively to this email with your approval. I have attached the proposal for our new major for your review.

If you have any questions, please contact me or Mark Stemen via email (lknigge@csuchico.edu or mstemen@csuchico.edu) or you can call me at x5881.

Thank you.

Best regards,

LaDona

LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University Chico
Chico, CA 95929-0425
<https://www.csuchico.edu/geop/>

From: [Jennifer R Wilking](#)
To: [LaDona G Knigge](#)
Cc: [Mark Stemen](#)
Subject: Re: Approval of course(s) in Environmental Studies Option
Date: Tuesday, March 7, 2023 6:44:27 PM
Attachments: [image002.png](#)

Hi Ladona,

Yes, we approve. Please note, we have changed the prefixes for the programs in Political Science and Criminal Justice. POLS 461 will be LEGL 461 as of Fall 23.

Best,

Jen

From: LaDona G Knigge <lknigge@csuchico.edu>
Date: Tuesday, March 7, 2023 at 4:33 PM
To: Jennifer R Wilking <jwtwilking@csuchico.edu>
Cc: Mark Stemen <MStemen@csuchico.edu>
Subject: Approval of course(s) in Environmental Studies Option

Hi Jennifer,

Last fall, we made small changes to our Environmental Studies Minor, and to the Environmental Studies Concentration in the Social Science Major. We are now in the process of revising our Major and we are adding Environmental Studies as an Option.

A course(s) in your department is included in the option, so we are consulting with you to inform you that your course will be included in the degree and more students may enroll in that course. [If you agree to the inclusion of your course\(s\) in the proposed option, please respond affirmatively to this email with your approval.](#) I have attached the proposal for our new major for your review.

If you have any questions, please contact me or Mark Stemen via email (lknigge@csuchico.edu or mstemen@csuchico.edu) or you can call me at x5881.

Thank you.

Best regards,

LaDona

LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University Chico
Chico, CA 95929-0425

From: [LaDona G Knigge](#)
To: [Eric Houk](#)
Subject: RE: Approval of course(s) in Environmental Studies Option
Date: Thursday, May 4, 2023 12:28:00 PM

Thank you for your quick response.
LaDona

LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University Chico
Chico, CA 95929-0425
<https://www.csuchico.edu/geop/>



From: Eric Houk <ehouk@csuchico.edu>
Sent: Thursday, May 4, 2023 11:43 AM
To: LaDona G Knigge <lknigge@csuchico.edu>
Subject: RE: Approval of course(s) in Environmental Studies Option

LaDona,

Yes, we support the inclusion of PSSC 390 in that option.

Thanks,
Eric

Professor and Chair of Academic Programs, College of Agriculture
Director, Agricultural Business Institute (ABI)
California State University, Chico
217 Plumas Hall, 400 W. First St.
Chico, CA 95929-310
(530) 898-4146

From: LaDona G Knigge <lknigge@csuchico.edu>
Sent: Thursday, May 04, 2023 11:32 AM
To: Eric Houk <ehouk@csuchico.edu>
Subject: RE: Approval of course(s) in Environmental Studies Option

Hi Eric,

We are about to send out Memo of Intent for the Environmental Studies Option and as I read through the email stream, it is not clear that you have given approval for inclusion of PSSC. Can you please respond affirmatively to the inclusion of your course PSSC 390 in the proposed Environmental Studies Option? This course is currently in the Environmental Studies Minor.

Regards,
LaDona

LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University Chico
Chico, CA 95929-0425
<https://www.csuchico.edu/geop/>



From: [LAURA J MCLACHLIN](#)
To: [LaDona G Knigge](#)
Subject: RE: Environmental Studies
Date: Saturday, March 18, 2023 11:32:50 AM

Hi LaDona,

I approve!

From: LaDona G Knigge <lknigge@csuchico.edu>
Sent: Friday, March 17, 2023 3:29 PM
To: Mark Stemen <MStemen@csuchico.edu>; LAURA J MCLACHLIN <LMcLachlin@csuchico.edu>
Cc: Jesse Engebretson <jengebretson@csuchico.edu>
Subject: RE: Environmental Studies

Hi Laura,

I am following up on Mark's email below regarding Environmental Studies Concentration and the small changes to our Environmental Studies Minor, and to the Environmental Studies Concentration in the Social Science Major. We are now in the process of revising our Major and we are adding Environmental Studies as an Option.

A course(s) in your department is included in the option, so we are consulting with you to inform you that your course will be included in the degree and more students may enroll in that course. If you agree to the inclusion of your course(s) in the proposed option, please respond affirmatively to this email with your approval. I have attached the proposal for our new major for your review.

If you have any questions, please contact me or Mark Stemen via email (lknigge@csuchico.edu or mstemen@csuchico.edu) or you can call me at x5881.

Thank you.

Best regards,

LaDona

LaDona Knigge, PhD
Professor and Department Chair
Department of Geography & Planning
California State University Chico
Chico, CA 95929-0425
<https://www.csuchico.edu/geop/>



From: Mark Stemen <MStemen@csuchico.edu>
Sent: Tuesday, March 7, 2023 12:33 PM
To: LAURA J MCLACHLIN <LMcLachlin@csuchico.edu>
Cc: Jesse Engebretson <jengebretson@csuchico.edu>; LaDona G Knigge <lnigge@csuchico.edu>
Subject: Re: Environmental Studies

Hi Laura,

Thanks for the confirmation. Our Chair, LaDona Knigge will reach out again with the standard consultation email to put in our application.

Thanks again, and take care,

Mark

From: LAURA J MCLACHLIN <LMcLachlin@csuchico.edu>
Date: Tuesday, March 7, 2023 at 10:43 AM
To: Mark Stemen <MStemen@csuchico.edu>
Cc: Jesse Engebretson <jengebretson@csuchico.edu>
Subject: RE: Environmental Studies

Hi Mark,

Yes, RHPM 448 is still the best fit for the Nature, Society, and Human Values application. I confirmed this with Jesse Engebretson, the instructor. If you have any questions, feel free to reach out to either him or me.

Best,

Laura

From: Mark Stemen <MStemen@csuchico.edu>
Sent: Monday, March 6, 2023 12:11 PM
To: Morgan W Geddie <mgeddie@csuchico.edu>
Cc: LaDona G Knigge <lnigge@csuchico.edu>; LAURA J MCLACHLIN <LMcLachlin@csuchico.edu>
Subject: Re: Environmental Studies

Thanks, and be well. - Mark

From: Morgan W Geddie <mgeddie@csuchico.edu>
Date: Monday, March 6, 2023 at 10:51 AM
To: Mark Stemen <MStemen@csuchico.edu>
Cc: LaDona G Knigge <lnigge@csuchico.edu>, LAURA J MCLACHLIN <LMcLachlin@csuchico.edu>

Subject: Re: Environmental Studies

I am on medical leave. Laura McLachlin can help you. I have cc'd her on this message

Sent from Morgan Geddie's iPhone

On Mar 6, 2023, at 5:05 AM, Mark Stemen <MStemen@csuchico.edu> wrote:

Hi Morgan

I hope this note finds you well.

Last fall we made minor changes to our Environmental Studies Minor, and to the Environmental Studies Concentration in the Social Science Major. We are now undertaking a major revision of our Major, and we are adding Environmental Studies as an Option.

While assembling the paperwork for this major change, I noticed in the online schedule that a few of the classes are not being offered. I recognize that the online schedule is only a snapshot in time, so I am writing to see if RHPM 448: Methods and Materials for Environmental Education is still the best courses to offer in the Nature, Society, and Human Values application.

I have attached the our proposed major, and pasted the application section in question below.

I am happy to meet with you and chat about this if you wish.

Thanks, and take care,

Mark

Nature, Society, and Human Values

ANTH 333 Nature, Culture, Environment

BIOL 322W Science and Human Values (W)

GEOG 306 Geographies of Disaster

GEOG 405 Conservation, Restoration, and Stewardship

HIST 341W American Environment (W)

RHPM 448 Methods and Materials for Environmental Education