

**CALIFORNIA STATE UNIVERSITY SAN MARCOS
NEW PROGRAM PROPOSAL – P Form Signature**

For Academic Programs Office Use Only
R.E. _____ Catalog _____ File _____

COLLEGE CHABSS CoBA CoEHHS CSM

TITLE OF PROGRAM Resilience, Sustainability and The Environment Minor Discipline Environmental Studies

This form is the signature sheet for new programs and new options/concentrations/emphases/tracks within existing programs. For all changes to existing programs (other than addition of new options/concentrations/emphases/tracks), use the Form P-2.

Check one: New Undergraduate Major or New Graduate Degree New Option/Concentration/Emphasis/Track New Minor New Teaching Credential New Certificate

Attach a completed New Program Template
Attach a completed New Option/Concentration/Special Emphasis, Teaching Credential and Minor
Attach a completed New Certificate Template

Does this proposal impact other disciplines? Yes No If yes, obtain signature(s).
Any objections or concerns should be stated in writing and attached to this form. Please check the box to indicate whether a memo has been attached.

Term and Academic Year of intended implementation (e.g. Fall 2016): Fall 2018 if possible _____

Anthropology Discipline #1	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Oppose	<u>[Signature]</u>	<input type="checkbox"/> <u>3-6-18</u>
Biological Sciences Discipline #2	<input type="checkbox"/> Support <input type="checkbox"/> Oppose	<u>see email</u>	<input type="checkbox"/> _____
Chemistry and Biochemistry Discipline #3	<input type="checkbox"/> Support <input type="checkbox"/> Oppose	_____	<input type="checkbox"/> _____
Economics Discipline #4	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Oppose	<u>[Signature]</u>	<input type="checkbox"/> <u>3/6/18</u>
History Discipline #5	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Oppose	<u>[Signature]</u>	<input type="checkbox"/> <u>3/6/18</u>
BRS/Geography/Liberal Studies Discipline #6	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Oppose	<u>[Signature]</u>	<input type="checkbox"/> <u>3/6/18</u>
Literature and Writing Studies Discipline #6	<input type="checkbox"/> Support <input type="checkbox"/> Oppose	<u>see email</u>	<input type="checkbox"/> _____

(This note refers to CHEM DEPT.)
 ← Not sure
 Response was ever
 received. Multiple email
 over several months from
 different requestors, yielded no reply.
 [RECEIVED]
 DEC 18 2018
 BY: [Signature]


RECEIVED
DEC 18 2018
BY: _____

Philosophy Support Oppose
Discipline #7
Signature  Date 3/5/18

Physics Support Oppose
Discipline #8
Signature  Date 3/6/18

Political Science Support Oppose
Discipline #9
Signature  Date 3-6-18

Psychology Support Oppose
Discipline #10
Signature  Date 3/5/18

~~Visual and Performing Arts~~ Support Oppose
Discipline #11
Signature  Date 3/6/18

Women's Studies Support Oppose
Discipline #11
Signature  Date 3/6/18

P-FORM PREPARATION

1a. Greg Guthey _____
Originator (Please print) Date

1b. See attached _____
Librarian Liaison for Library Report⁺ Date

1c. see attached _____
IITS Liaison for IITS Report⁺ Date

PROGRAM/DEPARTMENT-LEVEL REVIEW

2. _____
Program/Department - Director/Chair* Date

COLLEGE/SCHOOL-LEVEL REVIEW

3. Cifer _____ 9/11/18
College/School Curriculum Committee* Date

REVIEW (Signatures must be obtained by proposer)

4a. See attached memo _____
Vice President for Student Affairs* Date

4b. See attached memo _____
Dean of Library* Date

4c. See attached memo _____
Dean of Information and Instructional
Technology Services* Date

4d. _____
Vice President for Finance and Administrative
Services* Date

4e. _____
Dean of Graduate Studies (if applicable) * Date

COLLEGE/SCHOOL-LEVEL RECOMMENDATION

5. [Signature] _____ 12/18/18
College/School Dean/Director* Date

UNIVERSITY-LEVEL REVIEW

(May not begin until all signatures numbered 1-5 have been obtained.)

6a. _____
University Curriculum Committee[^] Date

6b. _____
Budget and Long-Range Planning Committee[^] Date

FACULTY APPROVAL

7. _____
Academic Senate Date

UNIVERSITY-LEVEL APPROVAL

8. _____
Provost Date

9. _____
Date to Chancellor's Office

+ Please contact the liaisons at the beginning of the process and allow sufficient time for the liaisons to prepare the resource implication report. Upon completion of the report liaisons will sign.

* May attach a memo on program impact on the unit and the ability of the unit to support it.

[^] Attach a memo summarizing the curricular and/or resource deliberations.

o summarizing the curricular and/or resource deliberations.



CALIFORNIA STATE UNIVERSITY
SAN MARCOS

**Procedure for Submitting Proposals for New Options, Concentrations, Special Emphases
and Minors**

- 1. Name of the campus submitting the request, the full and exact title of the proposed aggregate of courses, and whether it is an option, concentration, special emphasis, or minor.**

California State University San Marcos
Sustainability Minor

- 2. Full and exact title of the degree major program under which the aggregate of courses will be offered, where applicable.**

Environmental Studies B.A. (minor can be done with any major except Env. Studies)

- 3. Options, concentrations, or special emphases already existing under the degree major program for which the new aggregate of courses is proposed.**

The Environmental Studies Program doesn't have a minor yet; this is the proposal to have one.

- 4. Department(s) to offer the aggregate courses.**

Environmental Studies Program

- 5. Purpose of the proposed aggregate of courses.**

The minor in Sustainability will allow students in other majors such as Visual and Performing Arts, Economics, Biology and Anthropology to pursue their interests in resilience, sustainability and the environment and receive recognition in their degree program for having done so.

- 6. Need for the proposed aggregate of courses.**

Many CSU programs have minor degrees for those students who have primary interests in one field but are also interested in a shorter sequence of courses in another field. That is the purpose and need for the proposed minor. On the one hand, the program is merely establishing its minor program, and on the other hand, it meets the needs of students who would like to add this minor degree specialization to their existing major specialization. The program is aware of a number of students who might like to enroll in such a minor on our campus but are not willing to enroll in the complete major. For example, an economics major could easily pursue their interest in environmental issues through extended study in this minor program while completing their major. The same holds true for other majors.

Across the state, a number of CSU campuses offer similar majors and minors. The program surveyed enrollments in these programs. The results of that survey found that there are similar Bachelor's programs on 14 campuses, out of which seven offer minors. (See Appendix A) The minor program enrollment from these seven programs was used to develop a statistic to estimate the number of minors in the proposed CSUSM minor. The statistic suggests that the program would have between 13 and 17 minors, with 13 and 17 representing the lower and upper 95% confidence intervals (Appendix B: Table 2).

It is possible that the number of minors could be higher, given that the number of majors at CSUSM is higher than the estimates for the campus's number of majors based on a similar statistic developed for estimating ENV5 majors at CSUSM. Appendix B: Table 1 shows that CSUSM's ENV5 Program is actually outperforming what is expected based on estimates of majors in these same programs. The projections based on the survey data found that CSUSM should have between 111 and 173 majors (again the upper and lower bounds of the 95% confidence interval). As of Spring 2018, however, PeopleSoft data show the program has 190 majors which is 33.8% more than the expected average. If that number is accurate, a middle range estimate would be an average of 20 minors in the program. That seems a reasonable projection given the interest in the major. At the same time, SDSU has a similar major in sustainability. That program has 41 minors. If SDSU is somewhat similar to CSUSM but twice the size, then that suggests that a similar program at CSUSM would have half the minors, or about 20 minors.

The projections suggest the minor will generate *on average* 2 FTES per semester at the lower division (about 3.3 extra students in each of six sections of ENV5 100) and 5 FTES per semester over two years at the upper division; it will generate 4 FTES in ENV5 305 each fall (on average 1 FTES per semester over two years); the rest will be generated in other electives outside of environmental studies; these electives are largely UEDGE courses offered on a regular basis. Assuming these projections hold steady, the program could easily offer the minor and generate a small amount of additional FTES with current staffing levels and without using additional resources. The program proposes to use already existing courses from our elective lists many of which are distributed to 14 departments across the university. By way of comparison, the entire program itself generated about 38.4 FTES in Fall 2017; it is expected to generate 66 FTES in Fall 18. The increase in FTES from the minor is projected to be approximately 5% over FTES in Spring and Fall 2018.

7. List of the courses, by catalog number, title, and units of credit, as well as total units to be required under the proposed aggregate of courses.

Proposed Resilience, Sustainability and The Environment Minor (18 units)

Lower Division (required):

ENV5 100	Introduction to Environmental Studies	3 units
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Upper Division (required):

ENV5 305	Resilience and Society	3 units
PHIL 340	Ethics and the Environment	3 units
GEOG 310	Climate and Life in the Anthropocene	3 units

Upper Division (Choose 2 courses for 6 units):

Arts and Humanities

ANTH 325 - Ancient Mexican Society and Art Units: 3
ANTH 430 - Medical Ethnography Units: 3
ANTH 480 - Local Archaeological Practice Units: 3
ENVS 301 - Place, Power, and the Environment Units 3
ENVS 390 - Special Topics in Environmental Studies Units: 3
ENVS 495A-C Internship in Environmental Studies Units: 1-3 i
ENVS 498A- C Independent Study in Environmental Studies Units: 1-3
GEOG 450 – Parks and Protected Areas: Units: 3
HIST 340 - Environmental History of the United States Units: 3
HIST 430 – Seminar in US History (History of Food). Units: 3
LTWR 346 - U.S. Environmental Literature Units: 3
PHIL 340 – Ethics and the Environment Units: 3
PHIL 342 - Philosophy of Technology Units: 3
VSAR 313 - Digital Arts and the Environment Units: 3
VSAR 330 - Art and Science: Historical and Contemporary Practice Units: 3
VSAR 331 - Art, Science and Technology Units: 3

Social Sciences

ANTH 370 - Environment, Population, and Culture Units: 3
ANTH 471 – Plants, Medicine and People: Units 3
ANTH 379 - Environmental Health and Justice Units: 3
ANTH 430 - Medical Ethnography Units: 3
ANTH 470 - Community Ethnobotany Units: 3
ANTH 481 - Native American Archaeological Monitoring Units: 3
BRS 453 - Border Water Conflicts Units: 3
ECON 325 - Economics of the Environment and Natural Resources Units: 3
ENVS 301: Place, Power, and the Environment Units: 3
ENVS 305: Resilience and Society Units: 3
ENVS 320 - Environmental and Land-Use Design Units: 3
ENVS 340: Environmental Justice Units: 3
ENVS 361: Diet and Planet Units: 3
ENVS 390 - Special Topics in Environmental Studies Units: 3
ENVS 464: Food Politics and the Environment
ENVS 495A-C Internship in Environmental Studies Units: 1-3 i
ENVS 498A- C Independent Study in Environmental Studies Units: 1-3
GEOG 320 - Patterns of San Diego County Units: 3
GEOG 341 - Nature and Society in California Units: 3
GEOG 352 - Environment, Development and Sustainability Units: 3
GEOG 460 - Food Systems and Emerging Markets Units: 3
HIST 340 - Environmental History of the United States Units: 3
LBST 307 - Children and the Environment Units: 3
LBST 362 - Technology and Social Change Units: 3
PSCI 321 - Making Public Policy Units: 3
PSCI 342c: Environmental Politics of Latin America Units: 3
PSCI 396 - Green Planet Politics Units: 3

PSCI 420 - U.S. Environmental Policy Units: 3
PSCI 462 - Resource Wars Units: 3
PSYC 338 - Environmental Psychology Units: 3
SOC 439 - Social Justice and the Environment Units: 4
WMST 304 – Ecofeminism Units:3
WMST 445 - Gender and Development Units: 3

Physical/Life Sciences

ASTR 342 – Elements of Astronomy Units: 3
BIOL 318 - Plants and Society Units: 3
BIOL 336 - Coastal Environments Units: 3
BIOL 338 - Human Impact on the Environment Units: 3
BIOL 339 - Conservation Biology Units: 3
BIOL 463 - Principles of Conservation Biology Units: 3
BIOL 388 - Marine Communities Units: 3
CHEM 311 – Chemistry and Environment: Units 3

Total Units: 18 units

- 8. List of courses, by catalog number, title, and units of credit as well as total units to be required for the major in which the proposed aggregate of courses is to be included.**

Not applicable.

- 9. New courses to be developed. Include proposed catalog descriptions.**

There are no proposed new courses proposed for the minor. That said, as new courses become available and as the program becomes aware of new courses, new courses will be added through the regular program change process.

- 10. List of all present faculty members, with rank, appointment status, highest degree earned, date and field of highest degree, and professional experience, who would teach in the proposed aggregate of courses.**

The Steering Committee of the Environmental Studies Program includes:

Bonnie Bade, Professor: Ph.D in Anthropology, Dr. Bade studies farmworkers, ethnobotany, medical anthropology and the sustainability of indigenous communities in the U.S. and Mexico.

Robert Brown, Professor: Ph.D. in Economics. Dr. Brown's research and teaching fields include environmental and natural resource economics, public finance, and applied microeconomics. Environmental research projects focus on land use issues (environmental impacts, CEQA), as well as implementing visitor use studies and assessing environmental impacts of recreational use on California National Forests and watersheds.

Jeffrey Charles, Associate Professor: Ph.D. in History. Dr. Charles researches the history of food with recent interests in the history of beer.

Jessica Decker, Associate Professor: Ph.D. in Philosophy. Dr. Decker teaches courses in environmental studies, philosophy of technology, ancient philosophy, and feminist philosophy. Her research explores the relationship between symbolic structures, such as myths and scientific narratives, and oppressive systems of power.

Greig Tor Guthey, Associate Professor: Ph.D. in Geography, 2004. Dr. Guthey is an economic geographer with research interests in agriculture and food, innovation, and sustainability.

Michael McDuffie, Associate Professor: Ph.D. in Philosophy. Dr. McDuffie specializes in practical ethics across fields of environmental ethics, bioethics, and medical ethics.

Elizabeth Ridder, Assistant Professor: Ph.D. in Geography, Dr. Ridder applies geospatial and environmental analysis to investigate climate and human-related changes to plant distributions with a focus on Mediterranean and arid environments.

Pamela Stricker, Professor: Ph.D. in Political Science, Dr. Stricker teaches course in public policy, particularly environment policy, for Political Science and Environmental Studies. Her areas of expertise are environmental policy and politics of the Caribbean Basin and sustainability.

Gabriel Valle, Assistant Professor: Ph.D. in Environmental Anthropology, Dr. Valle's research explores social ecological systems as they pertain to environmental justice, urban agriculture, food and foodways, health, and agroecology.

11. Additional instructional resources (faculty, space, equipment, library volumes, etc.) needed to implement and sustain the proposed aggregate of courses. List all resources needed for the first five years beyond those currently projected, including specific resource, cost, and source of funding.

Of course adding additional students to the suite of courses selected for the minor can take additional staff time in so far as they may need some advising and it may force some classes to increase in size. For example, the climate class is offered in a lab with limited seating. That may increase the number of sections needed. However, the number of projected students who will be enrolling in this minor is so low that the program does not anticipate needing additional faculty, office space, equipment, library volumes or other resources. The courses selected for the minor do not involved special equipment. Any library volumes that students might need already exist on the campus or are available through the various electronic databases that the university currently subscribes to or in the case of climate data, among other forms of data, are publicly available to anyone with a connection to the internet.

12. Proposed catalog description.

MINOR IN SUSTAINABILITY

Program of Study:

With a changing climate and mounting concerns about “sustainability” across a wide spectrum of disciplines, the minor in sustainability provides students the opportunity to explore sustainable development, climate change, business sustainability, socio-ecological resilience, and related issues from a variety of disciplinary perspectives. Resilience refers to the ability of communities to effectively respond to short-term, long-term and abrupt changes to the environment. Students choose courses from the Environmental Studies Program’s list of approved courses in the Arts and Humanities, Social Sciences, and Physical and Life Sciences.

It is an excellent addition to any major including Anthropology, Business Administration, Biochemistry, Biological Sciences, Communications, Ethnic Studies, Global Studies, History, Liberal Studies, Political Science, Sociology, and Women’s Studies. The minor cannot be completed by students enrolled in the Environmental Studies major.

Requirements:

Completion of eighteen (18) units of credit, fifteen (15) of which must be at the upper-division level. Each course counted toward the minor must be completed with a grade of C (2.0) or better.

Courses	Units
<hr/>	
Lower Division (3 Units)	
<hr/>	
ENVS 100 –Introduction to Environmental Studies	Units: 3
<hr/>	
Upper Division (9 Units)	
<hr/>	
ENVS 305 – Resilience and Society	Units: 3
GEOG 310 – Climate and Life in the Anthropocene	Units: 3
PHIL 340 – Ethics and the Environment	Units: 3

Upper-Division Electives (6 Units)

Based on their interests, students choose six (6) units selected from the Environmental Studies Program’s course lists in Arts and Humanities, Social Science, and Natural Sciences. Students may appeal to have additional courses included in their minor which are not on the programs’ lists and up to six units from their majors may double count. The program encourages students to work with a faculty member as they make their selections.

Total (18 Units)

Additional courses may be approved to satisfy these requirements as additional courses are developed. The most current list is available from the Program Director, an

Academic Advisor or online at <http://www.csusm.edu/envs>.

Appendix A: Majors and Minors in Environmental Studies Programs in the California State University System

CSU Campus	Degree Name	Program Code	Number of Majors	Number of Minors	Total				
					Campus Enrollment based on units	Major Program as % of Campus Enrollment	Minor Program as % of Campus Enrollment		
<i>Programs reporting major or minor:</i>					14	7	14	14	7
Chico	Phys. Geog and Env. Geog	22061	45	25	17789	0.002529653	0.001405363		
East Bay	Environmental Studies	49101	50	20	15435	0.003239391	0.001295756		
Humboldt	Environmental Studies	49101	140	0	8347	0.016772493	0		
Long Beach	Env Science and Policy	49011	118		37065	0.003183596	0		
Monterey Bay	Environmental Studies (Env Ed)	49101	150		7102	0.021120811	0		
Pomona	GEOG - Env. Studies	22061	40		25894	0.001544759	0		
Sacramento	Environmental Studies	49101	251	16	30661	0.008186295	0.000521836		
San Bernardino	Environmental Studies	49011	89		20461	0.004349739	0		
San Diego	Sustainability	49101	147	41	34828	0.004220742	0.001177214		
San Francisco	Environmental Studies	49101	200		29607	0.006755159	0		
San Jose	Environmental Studies	49011	295	15	33409	0.008829956	0.000448981		
San Marcos	Environmental Studies	49101	190		17000	0.011176471	0		
Sonoma	Env. Studies and Planning	49011	225	10	9223	0.024395533	0.001084246		
Stanislaus	Geog - Phys. Geog and E.S.	22061	7	2	10003	0.00069979	0.00019994		
AVERAGES			139.1	18.4	21201.7	0.00835746	0.00087619		
Standard Deviations					0.007477434		0.000557628		

Appendix B: Tables

Table 1.

Projected Majors Based on Environmental Studies B.A. Enrollments on 13 CSU campuses

	<u>System-wide Statistics</u>	<u>Projected San Marcos Majors</u>
Average	0.00835746	142
Upper C.I. (95%)	0.01018943	173
Lower C.I. (95%)	0.00652548	111

Actual Spring 2018 Majors = 190 (~34% HIGHER than average projection)

Table 2.

Projected Minors Based on Environmental Studies Minor Enrollments on 7 CSU campuses

	<u>System-wide Statistics</u>	<u>Projected San Marcos Minors</u>
Average	0.000876191	15
Upper C.I. (95%)	0.00101281	17
Lower C.I. (95%)	0.000739572	13

Projected Minors based on Major Performance = $15 + (15 \times 0.34) \approx 20$

Appendix C: Anticipated Revenues and Costs Worksheet

Program Name: Resilience, Sustainability and The Environment Minor

B. ANTICIPATED REVENUES

Average Unit Load/sem	5	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
First Year		7	8	9	10	11
Second Year		0	6	7	8	9
TOTAL		7	14	16	18	20
FTEs		2.33	4.67	5.33	6.00	6.67
Revenue to AA		\$9,333	\$18,667	\$21,333	\$24,000	\$26,667

Planning Assumptions

1. 10% attrition from Year 1 to Year 2
2. By Yr 5 (or earlier), program at steady state
3. Under normal budgetary conditions, Academic Affairs receives approx. \$4,000 per FTEs. Might require UBC request.
4. Cell C3 is the expected average unit load the student takes in the minor per semester
5. Cell C3 includes upper division units; the model assumes ENV5 100 is completed as a LDGE course at CSUSM or prior to transfer from Community College

Program Name: Resilience, Sustainability and The Environment Minor					
A. ANTICIPATED PROGRAM COSTS					
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
Personnel	Assuming the program adds only 20 students to the program, there are no additional costs for personnel.				
Lecturers	0.6	0.6	0.6	0.6	0.6
Staff	0.1	0.1	0.1	0.1	0.1
Coordinator Stipend	0				
Space	Without additional personnel, there are likewise no additional costs for space.				
Construction					
Renovation					
Library Resources					
Acquisition	These acquisition and subscription costs are already part of the library's budget given that the Environmental Studies B.A. program exists				
Subscription					
Equipment/Materials					
Durable	Equipment and materials costs are no different from the existing costs for the Environmental Studies B.A.				
Expendable					
Program Cost	\$0	\$0	\$0	\$0	\$0
Planning Assumptions:					
	1. Average Lecturer Costs = \$1,771 per wtu (salary) + 41% benefits = \$7516.00 per 3 unit course				
	2. Salary costs do not include pay increases. Use increase information if available				
	3. Staff Costs = salary +41% benefits				
	4. Library resource costs are not incurred by the college. They are included here to more accurately reflect the full cost of the program.				

Angela Baggett

From: Greig Guthey
Sent: Monday, April 02, 2018 9:16 AM
To: Angela Baggett
Subject: FW: ENVS P form signature

Follow Up Flag: Follow up
Flag Status: Flagged

Below is biology's support for the resilience and sustainability minor. I do want to add a line in the minor about double dipping on advisement from CAPC concerning how to proceed. Thanks

Greig

On 3/14/18, 12:30 PM, "William Kristan" <wkristan@csusm.edu> wrote:

>Hello Greig,

>
>We discussed the P form today in faculty meeting and we are supportive.

>The only issue that came up is how to handle the list of physical/life
>sciences. For your majors, it doesn't make sense to have Biol 463 or
>Biol

>388 included, since they have prerequisites that your majors probably
>won't have taken, and I think the same will be true for most students
>pursuing the minor who aren't Biology majors. It's probably not
>necessary to list Biol 463 and Biol 388.

>
>It's possible that you'll have some Biology majors that want this
>minor, so it is possible that they will be able to take Biol 463 or
>Biol 388 and double-dip with the Biology major. I'm not sure if you
>>want to address this in the Minor proposal - could be worthwhile to
>make some statement to the effect that other classes could be
>substituted for students from the various majors, with your consent?

>
>In any event, I'm ready to sign for Biology.

>
>Bill

>
>--
>Chair, Department of Biological Sciences California State University
>San Marcos
>333 S. Twin Oaks Valley Rd.
>San Marcos, CA 92096
>voice: (760) 750-8096
>fax: (760) 750-3063

>
>
>_____
>From: Greig Guthey
>Sent: Tuesday, March 6, 2018 2:11:52 PM
>To: William Kristan

>Subject: Re: ENVS P form signature

>

>ok thanks

>

>

>Greig Tor Guthey, Director

>Environmental Studies Program

>

>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: William Kristan

>Sent: Tuesday, March 6, 2018 11:36 AM

>To: Greig Guthey

>Subject: Re: ENVS P form signature

>

>Hi Greig,

>

>I'll run it by my faculty - should be able to get to it by next week's

>faculty meeting (Weds 3/14), so I should be able to let you know by the

>end of next week.

>

>Thanks,

>Bill

>

>--

>Chair, Department of Biological Sciences California State University

>San Marcos

>333 S. Twin Oaks Valley Rd.

>San Marcos, CA 92096

>voice: (760) 750-8096

>fax: (760) 750-3063

>

>

>From: Greig Guthey

>Sent: Tuesday, March 6, 2018 11:22:38 AM

>To: William Kristan

>Subject: ENVS P form signature

>

>Hi Bill

>

>

>I have a minor in Resilience, Sustainability and The Environment that

>we are putting together to be under the Environmental Studies Program.

>I was hoping to get a signature from you regarding the courses in the

>course lists. Essentially we are creating a minor using the existing

>environmental studies course lists with a couple of additional courses

>from Gabriel Valle and Liz Ridder. I've attached the proposal and
>wondered if I could get a signature or email supporting the minor
>proposal. Impacts in terms of FTES over two years to complete the
>minor are very low as you will see in the data in the proposal. Let me
>know if you have questions or comments. And I am happy to come by to
>get an actual signature if you like.

>

>

>Thanks.

>

>

>Greig Tor Guthey, Director

>Environmental Studies Program

>

>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



Date: July 15, 2018
To: Dr. Greig Guthey
From: Dr. Jennifer Fabbi
Dean, University Library
Subject: Library Review of the Proposal for Sustainability Minor

Thank you for the opportunity to respond to the proposal for a Minor in Sustainability to be offered out of the Environmental Studies Program. The following information reviews the current capacity and describes probable needs of the CSUSM Library to support this program. Lalitha Nataraj, Interim Librarian for Environmental Studies has reviewed the program proposal.

Resource Implications

Collections relevant to the proposed program would be housed with the CSUSM Kellogg Library, or more likely, virtually accessible through the Library website, The California State University at San Marcos (CSUSM) Library (<http://biblio.csusm.edu>). CSUSM has no branch or satellite libraries on or off campus.

The following reviews the current capacity and describes probable needs of the CSUSM Library to support a proposed Minor in Sustainability (Environmental Studies) program.

Existing Collections

The interdisciplinary nature of the Sustainability Minor opens research access to a rich variety of monographs, journals, and media collections across multiple academic subjects including (but not limited to): Anthropology, Biology, Economics, Environmental Studies, and Visual and Performing Arts. Relevant current holdings include:

Selected subscription databases

Sustainability Minor-relevant databases:

GREENFile This “collection of scholarly, government, and general-interest titles includes content on the environmental effects of individuals, corporations and local/national governments, and what can be done at each level to minimize these effects.”

AnthroSource This collection provides “access to the latest research in core anthropology journals, including social and cultural studies.” For students minoring in Sustainability, this database is invaluable for its anthropological perspectives on sustainability research.

Biological Abstracts “A complete collection of bibliographic references covering life science and biomedical research literature published from more than 4,000 journals internationally.”

PAIS “This resource covers issues in the public debate through selective coverage of a wide variety of international sources including journal articles, books, government documents, statistical directories, grey literature, research reports, conference papers, web content, and more.”

Public Policy Institute of California “This collection of California state policy, research and statistical reports covers subjects such as economic development, education, employment, environment, government/politics, health, housing, infrastructure (transportation, water, etc.), immigration.” This resource is salient for students focused sustainability research in California.

ScienceDirect This collection “provides full text access to over 1,000 journals covering all fields of science.”

Agricola “The authoritative database on all aspects of agriculture and allied disciplines; includes abstracts for books & journals.”

General research databases (that will include resources pertaining to Sustainability-related research and issues):

Academic Search Premier: “This scholarly collection offers information in nearly every area of academic study including: computer sciences, engineering, physics, chemistry, language and linguistics, arts & literature, medical sciences, ethnic studies, and many more.”

JSTOR: “Contains (EXCEPT for the latest five years) core scholarly journals in sociology, history, economics, political science, mathematics, African-American & Asian studies, literature, humanities, music, and biological, health & general sciences.”

Additional Needed Collections

Given its interdisciplinary research aspect, the Sustainability Minor is currently well supported through a broad range of existing substantive scholarly monographs, journals, and electronic resources. At this time, the Library is not proposing additional updates to the collection; faculty may, at any time, contact the librarian assigned to the Environmental Studies program

regarding suggestions for acquisitions to the collection. Assessments, reports, and other collections analysis in all subjects are done in response to program review, by the library liaison.

Reference and instruction by subject specialist librarians

Currently, the Library does not have a permanent subject specialist for Environmental Studies; this faculty librarian would also serve as the liaison for the Sustainability Minor. The Library anticipates hiring tenure-track Interdisciplinary Librarian in the near future, whose liaison responsibilities would also include Environmental Studies. At this time, lecturer librarian, Lalitha Nataraj, is serving as the interim subject specialist.

As part of their liaison responsibilities, the Environmental Studies Librarian offers in-class instruction and online curriculum support (including the creation of learning objects such as course guides and online tutorials) to develop students' critical thinking and research skills.

Basic information about the Library's collections and services follows in the table below.

Library holdings	http://biblio.csusm.edu/external/about-the-library/collection-overview
Circulation	http://biblio.csusm.edu/external/policies/books-and-media-borrowing-policies
Inter-library loan services	http://biblio.csusm.edu/interlibrary-loan-borrowing-policies
Reference/Research help	https://biblio.csusm.edu/research-assistance
Information Literacy Program	http://biblio.csusm.edu/about/departments/337/info
E-thesis, project, and dissertation submission	http://biblio.csusm.edu/guides/subject-guide/193-CSUSM-ETD-Submission-Guide/

The Library looks forward to continued collaboration with those working on the proposed program and is happy to provide further information. It is essential that the program proposers continue discussions with the Library as the program is approved to ensure that students and faculty have sufficient information resources at the inception of the program.

cc: Julia Johnson
Lauren Magnuson
Arlene Martin
Lalitha Nataraj




California State University
SAN MARCOS

Instructional & Information Technology Services – Office of the Dean & Chief Information Officer

DATE: September 7, 2018

TO: Greig Guthey, Director
Environmental Studies Program



FROM: Kevin Morningstar, Dean & Chief Information Officer

SUBJECT: IITS Comments Related to Proposal for
Sustainability Minor for Environmental Studies

IITS has carefully reviewed the program proposal documentation received related to the establishment of a new minor for Environment Studies. The following factors were considered relative to the established technology resources and support services provided by Instructional and Information Technology Services.

- The proposal did not indicate any new courses will be developed; reference comments on page 2 and page 4 (Item 9).
- Proposal did not indicate any additional demand for classroom/labs use, as the proposal notes that the program projects between 13 – 20 minors distributed into existing scheduled courses.
- No specific Information Technology needs were noted throughout the proposal.

FINDING

IITS fully supports the proposal for a new Sustainability Minor in Environmental Studies. No additional long term technical support, hardware resources, or significant operational impacts to IITS were identified including Instructional Design Services. Given the information available, IITS projects that there are adequate existing staff and technology resources available to support the program as documented.

Angela Baggett

From: Lorena Checa
Sent: Wednesday, June 27, 2018 9:54 AM
To: Greig Guthey
Cc: Alan Brian; Angela Baggett
Subject: RE: new p form for minor in sustainability

Good morning,

We routed this P-Form for a new Sustainability Minor to Admissions, Registrar, Career and Advising and no one had any concerns or feedback. I approve moving forward and if you need for me to sign any form, please feel free to drop it off. Regards, Lorena Checa

From: Greig Guthey
Sent: Thursday, June 21, 2018 2:14 PM
To: Lorena Checa <lcheca@csusm.edu>
Subject: new p form for minor in sustainability

Dear Lorena

Attached to this email is the P form for a new minor in sustainability to be offered by the environmental studies program. We would appreciate your signature in support of this program and do not feel that there will be large impacts for you. We do think students will want to take it. I believe that you can send me an email with your response. When you do, could you also copy it to Angela Baggett in the CHABSS Dean's office? Her email is abaggett@csusm.edu.

I am happy to answer any questions you have.

Thank you

Greig Guthey, Director
Environmental Studies Program