

P-2 Form, changes approved by Steering Committee on March 6 2018.

Program changes for the Environmental Studies Major:

The Environmental Studies, B.A. needs updating to incorporate additional courses, add new faculty, adjust curriculum in view of these changes, and attend to various housecleaning tasks.

Proposed Catalog Copy Changes: The Program seeks to make the following general catalog copy changes to reflect the recent change in program director and relatively new addition of Prof. Valle as a professor in the program. We also want to simply maintaining the list of faculty associated with the program, thus “Faculty Affiliates” is the new term for those faculty connected to the program. Therefore:

- 1) Remove Pamela Stricker as Program Director. Replace with Greig Tor Guthey, Ph.D.
- 2) Add a new line underneath the Program Director that states “ Program Faculty” and enter “Gabriel Valle, Ph.D.” underneath.
- 3) Please change the current heading for “Faculty” to “Faculty Affiliates” and enter the faculty as noted below

Proposed Program/Curriculum Changes:

- 4) The program has developed new PSLOs which are noted in the catalog revisions below. The published PSLOs in the current catalog do not reflect the program goals of Environmental Studies. Throughout the Fall of 2017 and the Winter of 2018, the committee discussed what the program goals and program direction should be. This led the steering committee to refine its PSLOs from the current 8 goals, some of which include multiple sub-goals, to a shorter list of 6 more general program goals that reflect the overall direction of the program and the anticipated student learning outcomes. Program Student Learning Outcomes contained below were approved by the Steering Committee on March 6 2018.
- 5) The Following Courses need to be added to the “Environmental Studies” road map and also have “environmental studies” added to their list of majors/minors served in degree planner (apparently called “the blue tab.” – I am including this here to make sure that these courses are properly entered in degree planner.)
 - a. ANTH 471
 - b. ASTR 342
 - c. GEOG 110
 - d. GEOG 120
 - e. GEOG 310
 - f. GEOG 450
 - g. HIST 430
 - h. PSCI 321
 - i. WMST 304

- 6) The following course is being changed with the concurrently submitted C2 form and so its title needs to be changed. The C2 form involves a change to the title and course description.
 - a. Current course title: ENVS 210 Research Methods: Introduction to Geographic Information Systems.
 - b. New Course Title: ENVS 210: Research Methods in Environmental Studies.
- 7) The Following courses need to be added to the major as noted in the pages below:
 - a. GEOG 110: Introduction to Physical Geography
 - i. Justification: The Steering Committee feels that GEOG 110 is a great alternative to ES 100 which is actually a course for the teacher prep program. We are keeping ES 100 on the course matrix to provide flexibility for students.
 - b. GEOG 120: Introduction to Geographic Information Systems
 - i. Justification: GEOG 120 is the articulated and more comprehensive course in GIS at the community colleges; Moving forward, we are offering GEOG 120 on our campus instead of the current version of ENVS 210. ENVS 210 is being changed to provide broader introduction to a variety of research and analytical methods in environmental studies per the C2 form
 - c. GEOG 310: Climate Change and Life in the Anthropocene
 - i. Justification: GEOG 310 is a important course for understanding ongoing changes to the planet per the Steering Committee;
 - d. GEOG 450: Parks and Protected Areas
 - i. Justification: This is a new course that will appeal to ENVS students; it should go in the Arts and Humanities course bucket.

Note: The ENVS courses (below) are all Prof. Valle's new courses for ENVS and should be added to the major as indicated in parentheses below. These courses are a natural part of Prof Valle's course development in the program.

- e. ENVS 301: Place, Power, and the Environment (Upper Division Requirement)
 - f. ENVS 340: Environmental Justice (Upper Division Requirement)
 - g. ENVS 305: Resilience and Society(Social Science course bucket)
 - h. ENVS 361: Diet and Planet (Social Science course bucket)
 - i. ENVS 464: Food Politics and the Environment (Social Science course bucket)
- 8) The following additional course needs to be added to the major as indicated:
 - a. ENVS 325: Environmental Issues Through Film (Arts and Humanities course bucket)

NOTE TO ACADEMIC PROGRAMS: THIS IS THE EDITED ONLINE CATALOG COPY

California State University San Marcos

Environmental Studies, B.A.

 [Print this Page](#)

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Program Faculty:

Gabriel Valle, Ph.D.

Faculty Affiliates:

Anthropology

Bonnie Bade, Ph.D.

Biological Sciences

Tracey Brown, Ph.D.

Matthew Escobar, Ph.D.

George Vourlitis, Ph.D.

Chemistry and Biochemistry

Karno Ng, Ph.D.

Economics

Robert Brown, Ph.D.

History

Jeffrey Charles, Ph.D.

Literature and Writing Studies

Kenneth Mendoza, Ph.D.

Rebecca Lush, Ph.D.

Philosophy

Jessica Elbert Decker, Ph.D.

Michael McDuffie, Ph.D.

Geography/Liberal Studies

Elizabeth Ridder, Ph.D.

Physics

Edward Price, Ph.D.

Political Science

Pamela Stricker, Ph.D.

Psychology

P. Wesley Schultz, Ph.D.

Urban and Regional Planning

Kimberly Knowles-Yáñez, Ph.D.

Visual and Performing Arts

Judit Hersko, MFA

Deborah Small, MFA

Lucy HG Solomon, M.F.A.

Program of Study

The Environmental Studies Program offers students an interdisciplinary Bachelor of Arts degree with broad training in the physical and life sciences, social sciences, policy and law, and the arts and humanities. The program includes introductory training in geographic information systems and research methods commonly used in environmental careers and opportunities for internships with a variety of environmental groups and agencies.

The core of the degree comprises four general areas:

- Life and Physical Sciences provides the scientific background for the major.
- Social Sciences and Policy exposes students to institutional and legal frameworks of environmental policy, and to processes by which policy is established.
- Research Methods prepares students with the tools – GIS, and research methods – necessary for applied work in the professional arena, and also for graduate studies.
- Environmental Arts and Humanities encourages students to think critically, ethically, and aesthetically about the environment.

Students majoring in Environmental Studies will:

- Describe the major physical processes affecting environmental resources.
- Explain and analyze the impacts of human activity on the environment
- Critically analyze environmental problems and solutions from multiple perspectives including environmental justice.
- Describe the process of environmental policy development locally, nationally, and globally.
- Evaluate environmental issues from an ethical and aesthetic standpoint
- Collect, organize, interpret, write about and present research and information about historical and contemporary environmental issues.

Career Opportunities

Students will be prepared to pursue careers in environmental policy, consulting, advocacy, communication, education, law, planning and analysis, and recreation and land management in the public, private and non-profit sectors.

Special Conditions for the Bachelor of Arts in Environmental Studies

A grade of C (2.0) or better must be received in each course taken for the B.A. degree in Environmental Studies or in Preparation for the Major. At least 18 units of the required upper-division courses for the degree must be taken at Cal State San Marcos.

General Education (48 Units)

[General Education Requirements](#)

Preparation for the Major (19 Units)

- [BIOL 105 - Introduction to Biology/Ecology](#) **Units: 3 ***
- [ENVS 100 - Introduction to Environmental Studies](#) **Units: 3 ****

Commented [GG1]: Change 16 to 19 to reflect change in units.

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- [GES 101 - Matter, Molecules, Life, and the Environment I \[Physical Science\]](#) **Units: 3** ***
- or
- [GES 105 - Introduction to Physical Science](#) **Units: 3** ****
- GEOG 120: Introduction to Geographic Information Systems: Units: 4
- [ENVS 210 - Research Methods in Environmental Studies](#) **Units: 3**
- [ES 100 - The Earth and Its Place in the Universe](#) **Units: 3**
- or
- GEOG 110: Introduction to Physical Geography Units: 3

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One of the Following Courses May Be Recommended for Students With Relevant Research Interests:

- [PSYC 220 - Introductory Statistics in Psychology](#) **Units: 3**
- [SOC 201 - Introductory Statistics for the Social Sciences](#) **Units: 3**
- [BIOL 215 - Experimental Design and Statistical Analysis](#) **Units: 4**
- [MATH 242 - Introduction to Statistics](#) **Units: 3**

Note:

*[BIOL 105](#) may also be used to meet the “B2 Life Sciences” lower-division [General Education Requirements](#).

**[ENVS 100](#) may also be used to meet the “D7 Interdisciplinary Social Sciences” lower-division [General Education Requirements](#).

*** [GES 101](#) may also be used to meet the “B1 Physical Sciences” and “B3 Laboratory” lower-division [General Education Requirements](#).

**** [GES 105](#) may also be used to meet the “B1 Physical Sciences” lower-division [General Education Requirements](#).

***** [GEOG 110](#) may also be used to meet the “B1 Physical Sciences” lower-division [General Education Requirements](#).

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Major Requirements (39 Units)

Upper-Division Requirements (21 Units)

- ENVS 301 – Place, Power and the Environment Units: 3.
- [ENVS 310 - Environmental Impact Analysis](#) Units: 3
- ENVS 340 – Environmental Justice Units:3
- [CHEM 311 - Chemicals and the Environment](#) Units: 3
- GEOG 310 – Climate and Life in the Anthropocene: Units: 3
- [PHIL 340 - Ethics and the Environment](#) Units: 3
- [ENVS 490 - Capstone in Environmental Studies](#) Units: 3

Upper-Division Electives (18 Units)

18 units chosen from courses listed in Arts and Humanities, Social Science, and Natural Sciences with at least 3 units completed in each area. Courses listed in multiple areas can only be counted as part of the six units in one area.

Approved Course Lists

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 325: Environmental Issues Through Film Units: 3
- [ENVS 390 - Special Topics in Environmental Studies](#) Units: 3
- ENVS 495 Units: 1-3
- ENVS 498 Units: 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 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

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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

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- [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 305: Resilience and Society](#) **Units: 3**
- [ENVS 320 - Environmental and Land-Use Design](#) **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**

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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**
- [ES 314 - The Geosphere in Context](#) **Units: 3**