MINOR IN SUSTAINABILITY

In Workflow

1. ENVS Committee Chair (envs-chair@csus.edu)
2. ENVS Chair (envs-chair@csus.edu)
3. SSIS College Committee Chair (koss@csus.edu; mummawh@skymail.csus.edu; r.silva@csus.edu)
4. SSIS Dean (shane.nordyke@csus.edu)
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6. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
7. Dean of Undergraduate and Graduate (s.storms@csus.edu)
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Approval Path

1. 2026-08-13T19:53:33Z
   Jamie Kneitel (kneitel): Approved for ENVS Committee Chair
2. 2026-08-13T19:54:04Z
   Jamie Kneitel (kneitel): Approved for ENVS Chair
3. 2026-09-21T15:49:57Z
   Catheryn Koss (koss): Rollback to ENVS Chair for SSIS College Committee Chair
4. 2026-09-21T19:41:49Z
   Jamie Kneitel (kneitel): Approved for ENVS Chair
5. 2026-09-22T05:07:17Z
   Catheryn Koss (koss): Approved for SSIS College Committee Chair
6. 2026-10-08T21:12:47Z
   Shane Nordyke (shane.nordyke): Approved for SSIS Dean

History

1. May 7, 2025 by Wayne Linklater (wayne.linklater)

New Program Proposal

Date Submitted: 2026-08-13T19:52:40Z

Viewing: Minor in Sustainability

Last approved: Wed, 07 May 2025 19:16:32 GMT

Last edit: 2026-09-21T19:41:46Z

Changes proposed by: Jamie Kneitel (102041418)

Academic Group: (College)

Social Sciences & Interdisciplinary Studies

Academic Organization: (Department)

Environmental Studies

Catalog Year Effective:

2027-2028 Catalog

NOTE: This degree major program will be subject to program review evaluation within six years after implementation.

Individual(s) primarily responsible for drafting the proposed degree major program:

Name (First Last)	Email	Phone 999-999-9999
Jamie Kneitel	kneitel@csus.edu	916-278-6620

Program Snapshot

Type of Program:
Minor

Program Change Type:
Non-Substantive

Title of the Program:
Minor in Sustainability

Designation: (degree terminology)
Minor

Delivery Mode:
Fully Face to Face

Support Mode:
State Support

Please see the CSU/CIP Code Crosswalk: https://www.csus.edu/academic-affairs/curriculum-workflow/_internal/_documents/csu_codes_to_cip.pdf

Is this a pilot program?
No

Will this program require accreditation?
No

Provide a clear, concise overview of the program proposal (new or change) and provide a justification. For NEW programs describe the purpose and focus of the program, identify the target student population(s), and highlight key strengths and distinguishing features of the program.
The purpose of this proposal is to add newly developed upper-division ENVS elective courses to the curriculum - ENVS 150 Soil Science & Sustainability and ENVS 180 Climate Resilience.

University Learning Goals

Undergraduate Learning Goals:

Competence in the disciplines
Knowledge of human cultures and the physical and natural world
Intellectual and practical skills
Personal and social responsibility
Integrative learning

Will this program be required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?
No

Curriculum Alignment and Assessment

Program Goals

Provide a brief statement of the program's overarching goals and priorities: • Describe the program's mission, focus, and intended impact on students. • Identify broad areas of emphasis (e.g., career preparation, research, community engagement, leadership development). • Goals may be aspirational or developmental and do not need to be directly measurable.

Program Learning Outcomes

Provide measurable, program-specific learning outcomes that reflect the most important competencies students will demonstrate upon completion of the program. Programs are expected to assess and use PLOs for continuous improvement.

Program Learning Outcomes

Learning Outcome
Explain the key principles and concepts of sustainability by writing and speaking about sustainability issues (Undergraduate Learning Goals [ULG] 1, 2, 3, 4).
Evaluate examples of the socio-cultural, economic, scientific, and technological implications of sustainability challenges (ULG 1, 2, 3, 4, 5).
Create and assess different solutions for local and global sustainability-related challenges (ULG 1, 2, 5).

Learning Outcomes Display

Course Code	PLO 1	PLO 2	PLO 3
ENVS 10			
ENVS 111			
ENVS 144			
ECON 162			
EEE 196I			
ENGR 106			
ENVS 140			
ME 132			
BIO 160			
ENVS 135			
ENVS 149			
GEOG 118			
GEOG 161			
GEOL 140			
NUFD 110			
BIO 118			
BIO 179			
ENVS 137			
ENVS 151			
ENVS 158			
ENVS 163			
RPTA 150			
RPTA 151			
ECON 153			
ENVS 130			
ENVS 138			
ENVS 170			
GEOG 143			
PUBH 114			

RPTA 124			
FASH 33			
CE 150			
CE 150L			
CE 151			
CE 152			
ECON 180			
ENGR 105			
ENVS 122			
ENVS 147			
ECON 120			
ECON 123			
ENVS 128			
ENVS 150			
ENVS 155			
ENVS 171			
ENVS 180			
HIST 139A			
HIST 165			
IBUS 180			
ENVS 195			
ENVS 199			

Please attach a Comprehensive Program Assessment Plan

Program-Assessment-Plan-Template - Minor in Sustainability.docx

Please attach a Curriculum Map Matrix

CurriculumMapMatrixTemplate - Minor in Sustainability.docx

Please attach a Five-Year Budget Projection. For NEW programs, also attach a Budget Narrative.

5-year-budget-template-Minor in Sustainability.xls

Catalog Description (catalog copy):

Program Description

Units needed for Minor: 21

Sustainability - meeting our social, economic, and environmental needs in the present without compromising the ability of future generations to meet their needs too - is a multi-disciplinary topic. Knowledge, practice and collaboration across disciplines such as Business, Engineering, Humanities, Human Health, and the Natural Sciences is necessary. The Minor in Sustainability makes available 50 courses offered by 15 different Departments from six Colleges at California State University, Sacramento. It provides a single qualification to complement students learning in their own major with cross-disciplinary learning on sustainability from many other disciplines.

Admission and Continuation Requirements (catalog copy): minimum GPA and prerequisites (if applicable), required coursework or preparation, portfolio, test scores, and/or letters of recommendation. For graduate programs: expectations for a relevant bachelor's degree (required or preferred disciplines, prerequisite knowledge, or equivalent experience), include evidence that program requirements conform to the minimum requirements for the culminating experience, as specified in Title 5 Section 40510 The Master's Degree and Section 40511 The Doctoral Degree.

A minimum grade of "C-" is required in all courses required for the Sustainability Minor.

Program Requirements (catalog copy):

Program Requirements

Code	Title	Units
A maximum of 9 units of courses from a student's major may count towards minor requirements		
REQUIRED COURSES (9 Units)		
ENVS 10	Introduction to Environmental Science [1]	3
ENVS 111	Environmental Ethics [1]	3
ENVS 144	Sustainability Science & Policy	3
ELECTIVE COURSE DOMAINS (12 Units)		
Elective courses must be chosen from at least two of the seven domains for a total of 12 units.		12
1. Energy		
ECON 162	Energy Economics	
EEE 196I	Electric Vehicle Design: Electrical and Control Concepts	
ENGR 106	Energy and Modern Life	
ENVS 140	Energy, Society, and the Environment	
ME 132	Solar Energy, Geothermal Energy, and Bioenergy Systems	
2. Air, Water and Earth		
BIO 160	General Ecology	
ENVS 135	California Water and Society	
ENVS 149	Agroecology	
GEOG 118	Earth Transformed	
GEOG 161	California's Water Resources	
GEOL 140	Geology and the Environment [1]	
NUFD 110	Food Production and Sustainability	
3. Ecosystems and Biodiversity		
BIO 118	Natural Resource Conservation	
BIO 179	Conservation Biology & Wildlife Management	
ENVS 137	Conservation and Society	
ENVS 151	Restoration Ecology	
ENVS 158	Wetlands Ecology	
ENVS 163	Ethnoecology [1]	
RPTA 150	Course RPTA 150 Not Found	
RPTA 151	Course RPTA 151 Not Found	
4. Human Health and Well-being		
ECON 153	Health Economics	
ENVS 130	Environmental Toxicology	
ENVS/SOC 138	Introduction to Environmental Sociology	
ENVS 170	Environmental Justice	
GEOG 143	Environmental Hazards and Society	
PUBH 114	Human Ecology and Health [1]	
RPTA 124	Course RPTA 124 Not Found [1]	
5. Built and Urban Environments		
FASH 33	Fashion Sustainability, Global Impact, and Critical Thinking [1]	
CE 150	Principles of Environmental Engineering	
CE 150L	Environmental Engineering Laboratory	
CE 151	Environmental Engineering Practice	
CE 152	Stormwater Management	
ECON 180	Urban Economics	
ENGR 105	Sustainable Design and Construction [1]	
ENVS 122	Environmental Impact Analysis: CEQA and NEPA	
ENVS 147	Urban Agriculture and Aquaponics	
6. Law, Policy and Economy		
ECON 120	Economics and Environmental Degradation	
ECON 123	Resource Economics	

ENVS/POLS 128	Environment and the Law	
ENVS 150	Soil Science & Sustainability	
ENVS 155	Environmental Management and Decision-Making	
ENVS/POLS 171	Environmental Politics and Policy	
ENVS 180	Climate Resilience	
HIST 139A	Global Environmental History in the Age of Imperialism, 1450-Present Day	
HIST 165	American Environmental History [1]	
IBUS 180	Sustainability Business in Global Economy	
7. Professional Experience		
ENVS 195	Environmental Studies Internship	
ENVS 199	Special Problems	
Total Units		**21**

[1] Course also meets a General Education requirment

Fiscal Impact to Change an Existing Program

Indicate programmatic or fiscal impact which this change will have on other academic units' programs, and describe the consultation that has occurred with affected units:

None

Provide a fiscal analysis of the proposed changes:

None

How will the above changes be accommodated within the department/College existing fiscal resources?

None

Will the proposed changes require additional resources?

No

What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed?

None

Estimate the cost and indicate how these resource needs will be accommodated:

None

Reviewer Comments:

Catheryn Koss (koss) (Mon, 21 Sep 2026 15:49:57 GMT): Rollback: submitter's request

Key: 575