

ENVS 245: SOLUTIONS TO AIR POLLUTION AND CLIMATE CHANGE

In Workflow

1. ENVS Committee Chair (wayne.linklater@csus.edu)
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Approval Path

1. Fri, 28 Jul 2023 21:40:02 GMT
Wayne Linklater (wayne.linklater): Approved for ENVS Committee Chair
2. Tue, 12 Sep 2023 20:15:25 GMT
Wayne Linklater (wayne.linklater): Approved for ENVS Chair
3. Sun, 08 Oct 2023 00:18:44 GMT
Rachel Flamenbaum (flamenbaum): Rollback to ENVS Chair for SSIS College Committee Chair
4. Wed, 11 Oct 2023 20:41:36 GMT
Wayne Linklater (wayne.linklater): Approved for ENVS Chair
5. Mon, 16 Oct 2023 04:01:32 GMT
Rachel Flamenbaum (flamenbaum): Approved for SSIS College Committee Chair
6. Mon, 16 Oct 2023 22:08:12 GMT
Marya Endriga (mendriga): Approved for SSIS Dean
7. Wed, 01 Nov 2023 23:15:36 GMT
Katie Hawke (katedickson): Approved for Academic Services

New Course Proposal

Date Submitted: Fri, 28 Jul 2023 19:30:32 GMT

Viewing: ENVS 245 : Solutions to Air Pollution and Climate Change

Last edit: Wed, 11 Oct 2023 20:41:31 GMT

Changes proposed by: Wayne Linklater (223005380)

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
Wayne Linklater	wayne.linklater@csus.edu	916-278-6671

Catalog Title:

Solutions to Air Pollution and Climate Change

Class Schedule Title:

Air Pollution & Climate Change

Academic Group: (College)

SSIS - Social Sciences & Interdisciplinary Studies

Academic Organization: (Department)

Environmental Studies

Will this course be offered through the College of Continuing Education (CCE)?

No

Catalog Year Effective:

Fall 2024 (2024/2025 Catalog)

Subject Area: (prefix)

ENVS - Environmental Studies

Catalog Number: (course number)

245

Course ID: (For administrative use only.)

TBD

Units:

3

Is the only purpose of this change to update the term typically offered or the enforcement of existing requisites at registration?

No

In what term(s) will this course typically be offered?

Fall, Spring, Summer

Does this course require a room for its final exam?

No, final exam does not require a room

Does this course replace an existing experimental course?

No

This course complies with the credit hour policy:

Yes

Justification for course proposal:

This course fills an instructional gap in the Department of Environmental Studies' new graduate program. While the Department offers undergraduate courses on wetlands, water, energy, and toxics, there is no course, at either the undergraduate or graduate level, that specifically covers air pollution. Depending on demand, this course could also satisfy graduate student needs in other departments.

Course Description: (Not to exceed 80 words and language should conform to catalog copy.)

This course explores the issues related to air pollution and climate change and the impact they have on the environment, public health, and society. This course explores policy solutions intended to reduce the burden and impact of air pollution and climate change and show the nexus between air and climate science and the political and legislative choices that attempt to address these issues.

Are one or more field trips required with this course?

Yes

Fee Course?

No

Is this course designated as Service Learning?

No

Is this course designated as Curricular Community Engaged Learning?

No

Does this course require safety training?

No

Does this course require personal protective equipment (PPE)?

No

Does this course have prerequisites?

Yes

Prerequisite:

Graduate standing or instructor permission.

Prerequisites Enforced at Registration?

No

Does this course have corequisites?

No

Graded:

Letter

Approval required for enrollment?

No Approval Required

Course Component(s) and Classification(s):

Lecture

Lecture Classification

CS#02 - Lecture/Discussion (K-factor=1WTU per unit)

Lecture Units

3

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

No

Can the course be taken for credit more than once during the same term?

No

Description of the Expected Learning Outcomes and Assessment Strategies:

List the Expected Learning Outcomes and their accompanying Assessment Strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers). Click the plus sign to add a new row.

	Expected Learning Outcome	Assessment Strategies
1	Practice complex research tasks appropriate to analyzing environmental problems.	Attendance and Participation; Focused Topic Paper #1, 2; Group Project and Presentation; Final Research Paper
2	Assess environmental problems and solutions by applying scientific concepts.	Attendance and Participation; Focused Topic Paper #1, 2; Group Project and Presentation; Final Research Paper
3	Assess environmental problems and solutions by applying economic and political concepts.	Attendance and Participation; Focused Topic Paper #1, 2; Group Project and Presentation; Final Research Paper
4	Assess environmental problems and solutions from the perspectives of ethics, justice, human rights, and cultural diversity.	Attendance and Participation; Focused Topic Paper #1, 2; Group Project and Presentation; Final Research Paper
5	Identify and evaluate competing perspectives on environmental issues.	Focused Topic Paper #1, 2; Group Project and Presentation; Final Research Paper
6	Integrate knowledge and assess policy outcomes relating to the implementation of law and regulations.	Focused Topic Paper #1, 2; Group Project and Presentation; Final Research Paper

Attach a list of the required/recommended course readings and activities:

ENVS Air and Climate Pollution Draft Syllabus 7,26,2023 (revised 9 Oct).docx

For whom is this course being developed?

Majors in the Dept

Majors of other Depts

Is this course required in a degree program (major, minor, graduate degree, certificate?)

No

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?

No

Will there be any departments affected by this proposed course?

No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.

I/we agree

University Learning Goals

Graduate (Masters) Learning Goals:

Disciplinary knowledge
Communication
Critical thinking/analysis
Information literacy
Professionalism
Intercultural/Global perspectives

Is this course 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

Is this a Graduate Writing Intensive (GWI) course?

No

Please attach any additional files not requested above:

ENVS Air and Climate Pollution MS Program Learning Objectives 7,26,2023.docx

Reviewer Comments:

Rachel Flamenbaum (flamenbaum) (Sun, 08 Oct 2023 00:18:44 GMT): Rollback: pls see email

Key: 14943