ENVS 200: RESEARCH DESIGN AND METHODS IN ENVIRONMENTAL SCIENCE AND STUDIES

In Workflow

1. ENVS Committee Chair (wayne.linklater@csus.edu)
2. ENVS Chair (wayne.linklater@csus.edu)
3. SSIS College Committee Chair (flamenbaum@csus.edu)
4. SSIS Dean (mendriga@csus.edu)
5. Academic Services (catalog@csus.edu)
6. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
7. Dean of Undergraduate (gardner@csus.edu)
8. Dean of Graduate (cnewsome@skymail.csus.edu)
9. Catalog Editor (catalog@csus.edu)
10. Registrar's Office (k.mcfarland@csus.edu)
11. PeopleSoft (PeopleSoft@csus.edu)

Approval Path

1. Wed, 28 Sep 2022 23:30:33 GMT
   Wayne Linklater (wayne.linklater): Approved for ENVS Committee Chair
2. Wed, 28 Sep 2022 23:44:18 GMT
   Wayne Linklater (wayne.linklater): Approved for ENVS Chair
3. Fri, 04 Nov 2022 18:54:32 GMT
   Emily Wickelgren (wickelgr): Rollback to ENVS Chair for SSIS College Committee Chair
4. Tue, 08 Nov 2022 17:58:47 GMT
   Wayne Linklater (wayne.linklater): Rollback to ENVS Committee Chair for ENVS Chair
5. Tue, 08 Nov 2022 19:51:04 GMT
   Wayne Linklater (wayne.linklater): Rollback to Initiator
6. Tue, 07 Feb 2023 18:13:31 GMT
   Wayne Linklater (wayne.linklater): Rollback to Initiator
7. Wed, 28 Jun 2023 18:15:28 GMT
   Wayne Linklater (wayne.linklater): Approved for ENVS Committee Chair
8. Tue, 12 Sep 2023 20:15:03 GMT
   Wayne Linklater (wayne.linklater): Approved for ENVS Chair
9. Thu, 21 Sep 2023 00:54:45 GMT
   Rachel Flamenbaum (flamenbaum): Approved for SSIS College Committee Chair
10. Thu, 28 Sep 2023 21:50:45 GMT
    Marya Endriga (mendriga): Approved for SSIS Dean
11. Mon, 30 Oct 2023 16:23:16 GMT
    Katie Hawke (katiedickson): Approved for Academic Services

New Course Proposal

Date Submitted: Tue, 07 Feb 2023 18:45:18 GMT

Viewing: ENVS 200 : Research Design and Methods in Environmental Science and Studies

Last edit: Wed, 28 Jun 2023 18:16:56 GMT

Changes proposed by: Ajay Singh (219697401)

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
Ajay Singh	Singh@csus.edu	9162786751

Catalog Title:

Research Design and Methods in Environmental Science and Studies

Class Schedule Title:

Research Design and Methods

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)
200

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

Does this course require a room for its final exam?
Yes, final exam requires a room

This course complies with the credit hour policy:
Yes

Justification for course proposal:
This course is an introductory graduate course in the environmental studies department. This course will introduce students to designing and conducting independent research. The outcomes will be a draft segments of a research prospectus that will help guide future research leading to a project or thesis.

Course Description: (Not to exceed 80 words and language should conform to catalog copy.)
This course is designed to provide an understanding on how to develop research in the environmental sciences and studies. This will include an overview of the philosophy of science, interdisciplinary research approaches, creating research questions, literature searches, research design (sampling methods), and managing and analyzing data. Students will develop a research question and develop a literature review of current theory and research methods used to answer the question.

Are one or more field trips required with this course?
No

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?
Department Approval

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	Assess and evaluate current literature and create a theoretical foundation for new research	Research Design Paper, Annotated bibliography, Literature synthesis, Research Proposal [PLO 1, 2, 4, 5]
2	Evaluate environmental research design	Methodology Review, Research Proposal [PLO 1, 3, 4, 5]
3	Interpret environmental data	Data Assignments [PLO 3, 5]
4	Construct a literature review and methods section of a research proposal	Research proposal, research presentation [PLO 1, 2, 3, 4, 5, 6]

For whom is this course being developed?
Majors in the Dept

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

Has a corresponding Program Change been submitted to Workflow?
Yes

Identify the program(s) in which this course is required:

Programs:
MS Environmental Studies

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:

Critical thinking/analysis
Communication
Information literacy
Disciplinary knowledge
Professionalism
Research (optional)

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 200 Research Design and Methods.docx

Reviewer Comments:

Emily Wickelgren (wickelgr) (Fri, 04 Nov 2022 18:54:32 GMT): Rollback: See email on 11/4/22
Wayne Linklater (wayne.linklater) (Tue, 08 Nov 2022 17:58:47 GMT): Rollback: for revision
Wayne Linklater (wayne.linklater) (Tue, 08 Nov 2022 19:51:04 GMT): Rollback: .
Wayne Linklater (wayne.linklater) (Tue, 07 Feb 2023 18:13:31 GMT): Rollback: For revision wrt MS

Key: 14809