ESEC A199: SPECIAL TOPICS IN ENVIRONMENTAL SCIENCE/ ECOLOGY

Item	Value
Curriculum Committee Approval Date	10/16/2024
Top Code	030100 - Environmental Science
Units	.5-3 Total Units
Hours	9-90 Total Hours (Lecture Hours 9-36; Lab Hours 0-54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Pass/No Pass (B)

Course Description

This course is designed for students wishing to explore some aspect of environmental science and/or ecology in greater depth. It may involve a combination of lecture, independent study, lab work, or field trips. When field trips are involved, there may be a cost associated, personal transportation, and/or a valid passport for international travel. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Identify, discuss, and analyze current issues in environmental science/ecology.
2. Develop some knowledge/skills related to the current issue.
3. Plan and evaluate action or response related to the current issue.

Course Objectives

- 1. Identify, discuss, and analyze current issues in environmental science/ecology.
- 2. Develop some knowledge/skills related to the current issue.
- 3. Plan and evaluate action or response related to the current issue.

Lecture Content

Discuss and explore content related to current issues in the field of environmental science/ecology. Develop skills related to current issues. Analysis of implications and application of current issue in environmental science/ecology.

Lab Content

Explore content related to current issues in the field of environmental science/ecology. Develop skills related to current issues. Analysis of implications and application of current issue in environmental science/ ecology.

Method(s) of Instruction

- Lecture (02)
- Lab (04)
- Field Experience (90)

Instructional Techniques

Lecture, discussion, lab work, field studies, small group projects or problem solving, design/construction/evaluation of research or educational materials as appropriate to discussion topics.

Reading Assignments

Depending on the course topic and units offered, students will spend approximately one half hour to three hours per week on assigned reading materials.

Writing Assignments

Depending on the course topic and units offered, students will spend approximately one half hour to three hours per week on writing assignments appropriate to discussion topics or course goals.

Out-of-class Assignments

Depending on the course topic and units offered, students will spend approximately one half hour to three hours per week on out-of-class assignments appropriate to discussion topics or course goals.

Demonstration of Critical Thinking

Problem solving exercises appropriate to discussion topics and course goals.

Required Writing, Problem Solving, Skills Demonstration

Writing assignments appropriate to discussion topics and course goals.

Eligible Disciplines

Biological sciences: Master's degree in any biological science OR bachelor's degree in any biological science AND master's degree in biochemistry, biophysics, or marine science OR the equivalent. Master's degree required. Ecology: Master's degree in ecology or environmental studies OR the equivalent OR see interdisciplinary studies. Master's degree required.

Other Resources

1. Instructor developed materials that may include OER, texts or articles appropriate to the Topic.