

# EDUC 129: TEACHING SCIENCE IN OUTDOOR SETTINGS

## In Workflow

1. UGSE Chair (sue.hobbs@csus.edu)
2. ED College Committee Chair (feliz@csus.edu; b.rivas@csus.edu)
3. ED Dean (dsessoms@skymail.csus.edu)
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## Approval Path

1. Fri, 30 Sep 2022 22:57:26 GMT  
Sue Hobbs (sue.hobbs): Approved for UGSE Chair
2. Thu, 13 Oct 2022 23:03:54 GMT  
Bita Rivas (b.rivas): Approved for ED College Committee Chair
3. Fri, 14 Oct 2022 20:51:27 GMT  
Deidre Sessoms (dsessoms): Approved for ED Dean

## New Course Proposal

Date Submitted: Thu, 29 Sep 2022 20:52:15 GMT

**Viewing: EDUC 129 : Teaching Science in Outdoor Settings**

**Last edit: Tue, 11 Oct 2022 18:33:57 GMT**

Changes proposed by: Sheri Hembree (101037114)

**Contact(s):**

| Name (First Last)    | Email                  | Phone 999-999-9999 |
|----------------------|------------------------|--------------------|
| Sheri Hembree        | hembrees@csus.edu      | NA                 |
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**Catalog Title:**

Teaching Science in Outdoor Settings

**Class Schedule Title:**

Science Ed Outdoors

**Academic Group: (College)**

ED - Education

**Academic Organization: (Department)**

Undergraduate Studies in Education

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

No

**Catalog Year Effective:**

Fall 2023 (2023/2024 Catalog)

**Subject Area: (prefix)**

EDUC - Education

**Catalog Number: (course number)**

129

**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?**

No, final exam does not require a room

**This course complies with the credit hour policy:**

Yes

**Justification for course proposal:**

Consistent with the Anchor University initiative, this course is being proposed to provide additional opportunities for students across campus to obtain field experience related to future careers working with children. Specifically, the course engages students to work directly with elementary school students in an outdoor education site developing standards-based educational activities. The course is expected to benefit students with interests in K-12 education and/or environmental education.

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

This course provides students with experiential learning in an outdoor setting with the aim of developing and implementing outdoor education activities for children grades 4-7. By engaging in the practices of mindfulness and ecotherapy, students will gain awareness and appreciation for the outdoors. Students will also gain knowledge on how to implement science-focused activities that incorporate the Next Generation Science Standards and California's Environmental Principles and Concepts while incorporating Social Emotional Learning Principles and Standards.

**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

**Course Note: (Note must be a single sentence; do not include field trip or fee course notations.)**

Students will be required to attend the field site during scheduled class meeting times and must complete fieldwork clearance paperwork.

**Does this course have prerequisites?**

No

**Does this course have corequisites?**

No

**Graded:**

Credit / No Credit

**Approval required for enrollment?**

No Approval Required

**Course Component(s) and Classification(s):**

Discussion  
Independent Study

**Discussion Classification**

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

**Discussion Units**

2

**Independent Study Classification**

CS#08 - Education Workshops & Social Science Activity (K-factor=1.3 WTU per unit)

**Independent Study Units**

1

**Is this a paired course?**

No

**Is this course crosslisted?**

No

**Can this course be repeated for credit?**

Yes

**How many times can the course be taken (including first time passed)?**

2

**Total credits allowed (including first time passed)**

6

**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 | Describe practices that reflect becoming stewards of the land.   | Reflection Essay/Discussion   |
| 2 | Identify the benefits of being in nature.  | Reflection Essay/Discussion   |
| 3 | Use resources to develop various outdoor education activities for students.  | Reflection/Discussion Activity; Culminating Project Proposal              |
| 4 | Apply state-adopted academic content standards reflecting the current Next Generation Science Standards and California's Environmental Principles and Concepts in the development of outdoor education activities. | Culminating Project   |
| 5 | Apply Social Emotional Learning (SEL) practices in an outdoor education setting to support the social-emotional health and well-being of students.   | Culminating Project   |
| 6 | Use resources to work with children of diverse abilities and cultural backgrounds.   | Culminating Project; Reflection Activity                                  |
| 7 | Lead mindful practices with others.  | Culminating Project Implementation & Presentation                         |
| 8 | Implement safe and engaging science-focused activities that promote environmental literacy for small groups of children in outdoor education settings.   | Culminating Project Implementation & Presentation; Performance Evaluation |

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

EDUC 129 readings\_assignments.pdf

**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**

### **Undergraduate Learning Goals:**

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

**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

## **GE Course and GE Goal(s)**

**Is this a General Education (GE) course or is it being considered for GE?**

No

**Please attach any additional files not requested above:**

Consultation re Educ 129 Fall 2022.pdf  
EDUC 129 syllabus.pdf

Key: 14795