

# ENVIRONMENTAL SCIENCE EDUCATION GRADUATE CERTIFICATE

Graduate School Policies and Procedures (<http://catalog.ucdenver.edu/cu-denver/graduate/graduate-school-policies-procedures/>) apply to this program.

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## Introduction

Please click here (<http://catalog.ucdenver.edu/cu-denver/graduate/schools-colleges-departments/college-liberal-arts-sciences/geography-environmental-sciences/>) to see Geography and Environmental Sciences Department information.

### *Certificate Objectives*

1. Students will synthesize environmental science content with relevant educational practices
2. Students will recognize, understand and apply environmental science education in either formal or informal educational settings
3. Students will utilize education research methods to support disciplinary learning
4. Students will identify a broader set of career options (see list below)

### *Sample List of Career Options*

- K-12 Teacher or curricular specialist
- UNICEF/UNESCO/World Heritage Foundation
- National Parks Service or U.S. Forest Service
- Non-profit organizations (e.g. Colorado Alliance for Environmental Education)
- Regulatory Agencies (e.g. U.S. Environmental Protection Agency)
- Environmental and/or Educational Consultancy Firms
- Adjunct lecturer or instructor

## Program Delivery

This is both an on-campus and field-based program.

## Declaring This Certificate

Please see the Certificate advisor.

## Eligibility

Environmental Science Education has broad applications across many disciplines. Students who already hold a bachelor's degree from CU Denver or other institutions in any major may be admitted as a CU Denver graduate student or a non-degree-seeking student, depending on enrollment status.

## Current CU Denver Students

A student may begin the program in any semester or during the summer by making arrangements with the Certificate advisor. This should be done as soon as you have decided to pursue the certificate, and no later than

the semester previous to completion of all the courses required to obtain the certificate.

## Former CU Denver Students or Graduates of Other Universities

In order to start the certificate program, you will need to apply to the university as a non-degree seeking student if you are not already enrolled in a graduate program within CU Denver. Once accepted, you will be able to enroll in all of the appropriate classes.

**Admissions:** <https://www.ucdenver.edu/admissions/non-degree-admissions> (<https://www.ucdenver.edu/admissions/non-degree-admissions/>).

Specific questions about enrollment or tuition should be addressed directly to the University Registrar's Office or Bursar's Office.

## Program Expectations

Because a certificate is a CU Denver certification of a students' specialized knowledge in an advanced subject matter, all courses in a certificate program are expected to be taken in residency at CU Denver. Only in rare circumstances will exceptions be made regarding this policy. Courses taken within the Environmental Science Education Certificate may be used towards one other degree requirement. Any changes to the standard curriculum program must be approved in writing by the Certificate advisor. Please pay close attention to prerequisites for specific courses.

## Performance Expectations

Students must earn a 3.0 GPA average with no course below a "B-" in all approved courses for the certificate. For graduate and non-degree seeking students, the certificate will be awarded upon completion of the program and be added to the student's transcript.

These program requirements are subject to periodic revision by the academic department, and the College of Liberal Arts and Sciences reserves the right to make exceptions and substitutions as judged necessary in individual cases. Therefore, the College strongly urges students to consult regularly with their program advisor and CLAS advisor to confirm the best plans of study before finalizing them.

## General Requirements

Click here (<http://catalog.ucdenver.edu/cu-denver/graduate/graduate-school-policies-procedures/>) for information about Academic Policies.

## Program Requirements

1. Students must complete a minimum of 12 credit hours.
2. Students must complete a minimum of 12 graduate (5000-level or higher) credit hours.
3. Students must earn a minimum grade of B- (2.7) in all certificate courses taken at CU Denver and must achieve a minimum cumulative certificate GPA of 3.0. All graded attempts in required and elective courses are calculated in the certificate GPA. Students cannot complete certificate or ancillary course requirements as pass/fail.
4. Students must complete all coursework with CU Denver faculty.

## Required Courses

Code	Title	Hours
<i>Take the following</i>		6
ENVS 5650	Environmental Education	3
GEOG 5150	Place, Landscape, and Meaning	3

## Electives

Code	Title	Hours
<i>Take six credit hours from the following list of electives. Students should consult with the certificate advisor about other courses that may count toward this requirement.</i>		6
ENVS 5340	Equity & Culture in Science Education: Local/Global	3
GEOG 5300	Children's Geographies	3
GEOG 5440	Science, Policy and the Environment	3
GEOG 5995	Global Study Topics	3-9

To learn more about the Student Learning Outcomes for this program, please visit our website (<https://clas.ucdenver.edu/ges/programs/certificates/environmental-science-education-certificate/>).