

STEM EDUCATION WITH A CONCENTRATION IN SCIENCE EDUCATION, MA

Introduction

CU Denver's STEM Education MA with a concentration in science education prepares licensed practicing teachers to think critically about the nature of science education from a research oriented perspective. Graduates of this program are positioned to be leaders in their communities, and in diverse schools.

Program Requirements

This degree plan does not include a license or an endorsement.

This degree has both on-campus and online options. Online options are 100% online only. Hybrid courses are available to distance students. Distance students participate via video conference in hybrid courses and local students attend face-to-face sessions. Therefore, the program may be completed with online courses.

Code	Title	Hours
Core Courses		
SCED 5340	Equity & Culture in Science Education: Local/Global	3
SCED 5500	The Nature of Science	3
SCED 5350	Issues and Trends in Science Education	3
SCED 6110	Science and Math Curriculum Studies	3
Thematic Course		
The Thematic Course Categories is a collection of courses across all SEHD disciplines designed to allow students to expand student learning: https://education.ucdenver.edu/academic-services/student-resources/thematic-course-categories (https://education.ucdenver.edu/academic-services/student-resources/thematic-course-categories/)		
Course 1		3
Course 2		3
Course 3		3
Course 4		3
Course 5		3
Research Course		
RSEM ____ ¹		3
Capstone Course		
SCED ____ ²		
Total Hours		30

¹ To be decided by student with Faculty Advisor

² The Capstone Project is completed in your final core course.

Capstone Project

The Capstone project fulfills the COMPS requirement for the MA Degree.

The Capstone project should extend beyond your graduate coursework.

The project can be on a topic of your choosing. Prior to beginning the project, get your advisor's approval for your project topic. The project can take many forms. Most typically, students submit a written paper as a

final product. Yet, we are open to a range of possibilities. We recommend that the project be something that helps to further your learning and growth in your practice of teaching students. We intentionally provide a broad range of possibilities for final projects, so that we can best tailor the projects to students' learning and growth goals.

Program Requirements and Courses

To complete the STEM Education program and earn a master's degree, students must complete the appropriate course work as outlined above. All courses require a grade of B- or better and a 3.0 minimum GPA is required for graduation.

Planning

Students take 1-2 courses per semester. Core courses are offered one per semester on a rotating basis.

Active Status

Students must complete their programs within seven years, maintaining a GPA of 3.0. Students typically take four courses each calendar year. Failure to enroll over three contiguous semesters will result in a requirement to submit readmission materials.