

Name: _____

Emphasis: _____

SID: _____

Concentration: STEM Education

e+ STEM Education Concentration

The 12-credit Science, Technology, Engineering and Math (STEM) Education Concentration is for e+ students passionate about education and teaching in non-traditional settings. The STEM Education Concentration gives students an opportunity to engage in a design-rich, educational curriculum that incorporates K-12 teaching practicum experience at multiple levels. Students explore and experience the scientific, technological and scholarly approach to K-12 education through a practicum-rich curriculum. Students develop a deeper knowledge of K-12 education without completing a teaching licensure program. Students who complete this concentration will also earn a Stem Education Certificate from the CU campus. All STEM Education Concentration courses require a minimum grade of C.

Notes:

- *Completing the STEM Education Concentration will NOT prepare a student for teaching licensure.*
- *Classroom Interactions (EDUC 4060) is accepted only (and rarely) with advisor permission.*

Concentration Courses Completed

Course Title/Subject		Course Number	Grade	Term	Hours
Required	Step 1: Inquiry Approaches to Teaching	EDUC 2020**			1
	Step 2: Inquiry-Based Lesson Design	EDUC 2030			2
	Teaching Design* <i>Offered spring only</i>	GEEN 4400			3
	Knowing and Learning	EDUC 4050**			3
Choose One	Teaching and Learning Earth Systems <i>Offered fall only</i>	EDUC 4833			3
	Teaching and Learning Physics <i>Offered fall only</i>	PHYS 4460			
	Teaching and Learning Chemistry <i>Offered fall only</i>	EDUC 4822			
	Teaching and Learning Biology <i>Offered spring only</i>	EDUC/MCDB 4811			
	Teaching K-12 Mathematics: Geometry and Measurement <i>Offered summer only</i>	EDUC 5830			
	Teaching K-12 Mathematics: Probability and Statistics <i>Offered spring only</i>	EDUC 5840			
	Perspectives on Mathematics <i>Offered fall only</i>	EDUC 5317			

*Course requires the pre-requisite course of GEEN 2400 OR GEEN 3400

**While these courses are approved for H&SS credit, they cannot be counted both towards H&SS credit and the e+ STEM concentration