

STEM Education Graduate Programs

Certificate: Integrative STEM Education K-12 Endorsement

Program Description

The Integrative STEM Education K-12 Endorsement certificate program is designed for certified teachers and other educators who are seeking to gain valuable skills in STEM education. This is a stand-alone credential. Upon completion of this program, candidates who hold a Pennsylvania Level I or II teaching certificate can apply to add the STEM Education PreK-12 Endorsement to their existing teaching certificate.

Program Adviser

Dr. Diane Fine

Delivery Mode

Global Online (100% online delivery)

Accreditation

Council for the Accreditation of Educator Preparation (CAEP, formerly NCATE)

Approved by the Pennsylvania Department of Education

Curriculum

Course	Credits
EDE 750 Foundations of Integrative STEM Education K-12	3
EDE 753 Integrative STEM Pedagogy and Instructional Design	3
EDE 754 Creating Innovative Measures of Learning for Integrative STEM Learning Communities	3
EDE 769 Integrative Project in STEM Education	3
Total	12

Clearances

Pennsylvania Act 24, 31, 34, 114 and 151 clearances (or appropriate clearances for non-Pennsylvania residents) are required for field-based course registration but not admission. Applicants may be admitted to the program but will not be able to register for field-based courses until all of the up-to-date clearances are submitted.

Program Webpage

www.calu.edu/academics/online-programs/stem-teacher-education/index.htm