Purpose of Program

The Graduate Certificate in iSTEM Education (Interdisciplinary Science, Technology, Engineering, and Math) is designed for graduate students from all disciplines who wish to focus on issues related to Interdisciplinary STEM Education. The goals of this program are:

- To prepare educators to both teach and integrate STEM Education into curricula and programs for diverse learner populations
- To increase STEM Education literacy for formal and informal educators

Program Options

This certificate includes approaches that explore teaching and learning between/among any two or more of the STEM subject areas, and/or between STEM subjects and one or more other academic subjects. Students in this program will encounter an integrated approach to a body of knowledge for current STEM educators, introducing them to the foundations, pedagogies, curriculum, research, and contemporary issues of each of the STEM disciplines as well as posing new integrative ideas, approaches, and instructional materials.

Students pursuing this program will complete the following 4 courses:

- **C&I 6613** Nature and Meaning of Interdisciplinary STEM in Education
- **C&I 6623** Inquiry in Interdisciplinary STEM Education
- **C&I 6633** Equity, Agency, and Participation in Interdisciplinary STEM Education
- **C&I 6963** Interdisciplinary STEM Education Trends and Issues

Career Opportunities

This certificate is geared for formal and informal educators, including K-12 teachers and administrators in STEM classrooms. Students who work in informal learning settings (e.g., museums, governmental agencies, and non-profits) will have opportunities to explore and implement interdisciplinary alternatives to traditional STEM education.
Admission Requirements

- Current graduate students must submit a program application through the certificate program advisor.
- Applicants not currently enrolled must apply as a special graduate student, meet UTSA Graduate School admission requirements, and:
  - Hold a Baccalaureate degree from a regionally accredited institution
  - A GPA of at least 3.0 (on a 4.0 scale) in last 30 hours of baccalaureate program and all previous graduate work
  - Be in good standing at the last institution attended

Students who do not meet the minimum admission requirements or require assistance should consult the program’s Student Development Specialist and the Graduate School Catalog for assistance.

How to Apply

Apply through the UTSA Graduate School

Send all USPS mail (transcripts, etc.) to:

The University of Texas at San Antonio
Attn: The Graduate School
One UTSA Circle
San Antonio, TX 78249

Send electronic transcripts to:

graduateadmissions@utsa.edu

Contact Information

College of Education and Human Development

education.utsa.edu
education@utsa.edu
210.458.4370

Graduate School

graduateschool.utsa.edu
graduateadmissions@utsa.edu
210.458.4331

Department of Interdisciplinary Learning and Teaching

education.utsa.edu/interdisciplinary_learning_and_teaching/
210.458.7443

Financial Aid

utsa.edu/financialaid
210.458.8000 (general line)
210.458.7169 (appointments)

Financial Aid and Scholarships

To apply, complete the Free Application for Federal Student Assistance (FAFSA)

fafsa.ed.gov

Graduate assistantship positions available within the college (average of 19 hours per week)

Additional graduate student scholarship information:

graduateschool.utsa.edu/funding
utsa.edu/scholarships
education.utsa.edu/current_students/scholarships