

GRADUATE CERTIFICATE IN K-12 STEM EDUCATOR



COLLEGE OF
**EDUCATION AND
HUMAN SCIENCES**

OVERVIEW

This fully online program is designed for classroom teachers who want to:

- Strengthen science, technology, engineering and mathematics (STEM) education in their classroom
- Develop informal and/or formal STEM education programs
- Learn innovative technologies and pedagogy for teaching STEM
- Become a STEM education leader in the classroom, on a team or in a district
- Experience courses in a dynamic 100% online format

APPLICATION

To be considered for admission to the program, applicants must complete and submit the following:

- OSU Graduate College application online at gradcollege.okstate.edu/apply
- Transcripts from all previously attended institutions
- A written statement of goals
- Academic vita/resume

ADMISSION

Applications are reviewed on a rolling basis. Applicants will be notified of admission status within four to six weeks of submission. To be considered for admission to the program, applicants must have:

- Bachelor's degree in an education-related program from an accredited university with a 3.0 minimum GPA

COURSEWORK

Successful completion of the program requires **12 credit hours (four courses) of graduate-level coursework. Credit hours are transferable to additional graduate degree programs, including the Master of Science in Teaching, Learning and Leadership, option in mathematics and science education.**

SMED 5050 Seminar in Integrated Mathematics & Science Applications (3 hours)

SMED 5313 Introduction to K-12 Engineering Education

SMED 5323 Technology for the K-12 STEM Educator

SMED 5333 Developing Informal & Formal STEM Programs in Schools

CONTACT INFORMATION

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SCHOOL OF
**TEACHING, LEARNING AND
EDUCATIONAL SCIENCES**