This graduate degree is a 30-credit hour online program designed to assist certified teachers in becoming leaders in the instruction of mathematics and science through special emphasis on the integration of the two content areas. Graduate candidates in this program do not take courses in math and science content, but rather, take courses to improve their ability to teach math and science by utilizing the tools of technology and state/national standards, and by examining exemplary curricula in math and science. The program functions as a cohort group that will enter in the summer or winter and complete the coursework over four semesters.

Curriculum (30 credits)

Summer I (9 credits):
ELEC 664: Problem Solving in K-8 Education
ELEC 667: Science & Engineering Concepts for K-8 Teachers
ELEC 668: Mathematics Content for K-8 Teachers

Winter Term I (6 credits):
ELEC 601: Introduction to Educational Research
ELEC 638: Curriculum Materials for K-8 Science

Summer II (9 credits):
ELEC 636: A Survey of the Mathematics Curriculum K-8
ELEC 660: Advanced Technologies for the Teaching of Mathematics & Science
ELEC 699: Teacher Action Research in the Math/Science Classroom

Winter Term II (6 credits):
ELEC 691: History of Mathematics Education
ELEC 692: History of Science
ELEC 705: Seminar in Mathematics and Science Education Research

Program Highlights

The M.Ed. in Elementary Education Math and Science offers:
- Flexibility to fit your busy schedule with classes taught exclusively online
- A 30-credit hour cohort program that can be completed in four semesters, starting in the summer and winter terms only
- Curriculum material that focuses on the Common Core State Standards
- Knowledge of new technology, changing markets, and licensing requirements
- The Standard Aligned System (SAS) requirements to fulfill Level II certification

Admissions Requirements

All applicants must submit the following materials along with the completed online graduate application and non-refundable application fee:

1. Transcripts from all undergraduate and prior graduate coursework indicating an overall GPA of 3.0 or higher and completion of an undergraduate degree from a regionally accredited college or university.
2. A resume indicating the candidate's professional education employment history and current status (student-teaching, tenured, non-tenured; full-time, part-time) with a school district.
3. A photocopy of the applicant's current teaching certification(s) or a letter from the certifying university indicating that requirements for a teaching certification have been met and that the certification application is currently being processed. This can be from any state.

Applicants who do not meet all of the above criteria may be offered conditional admission upon recommendation of the graduate coordinator and approval by the Director of Graduate Admissions.

Tuition & Assistantships

Information on current tuition and assistantships can be found on the main Graduate Admissions website at www.sru.edu/graduate. Financial Aid brochures are available through the Financial Aid Office www.sru.edu/FinAid or the Office of Graduate Admissions.

For questions about academics and course scheduling:
Dr. Judy Werner
Graduate Coordinator
226 McKay Educational Building
724.738.2282
judy.werner@sru.edu

For questions about admissions:
Office of Graduate Admissions
105 North Hall, Welcome Center
Slippery Rock, PA 16057
724.738.2051 or 877.SRU.GRAD
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