The Basic Teaching Track in Secondary Education Teaching – Math/Science is a degree designed for individuals who possess a baccalaureate degree and appropriate coursework in mathematics or one of the secondary science subject areas of biology, chemistry, geology or physics. Successful completion of the program will lead to a master’s degree and can lead to state certification. It is anticipated that students will complete the 36-semester hour program in one calendar year of full-time study, beginning with the summer pre-session. However, students may begin the program during the fall or spring semesters.

SRU’s master’s degree in Secondary Education offers:
• Flexibility to fit your busy schedule. Our basic track offers both onsite and online classes, and our advanced track can be completed exclusively online.
• A 36-credit hour program that can be completed in one calendar year
• Leadership skills geared to advancing your career to the next level
• Specialization in mathematics and science

Impact the future and explore the possibilities of teaching by earning a Master of Education in Secondary Education. SRU’s M.Ed. in Secondary Education has two tracks; a basic track and an advanced track. The basic track is for students seeking certification and the advanced track is for certified teachers.

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Secondary Education/Foundations of Education Math/Science Master of Education College of Education
www.sru.edu/SEFE

Basic Track

The Basic Teaching Track in Secondary Education Teaching – Math/Science is a degree designed for individuals who possess a baccalaureate degree and appropriate coursework in mathematics or one of the secondary science subject areas of biology, chemistry, geology or physics. Successful completion of the program will lead to a master’s degree and can lead to state certification. It is anticipated that students will complete the 36-semester hour program in one calendar year of full-time study, beginning with the summer pre-session. However, students may begin the program during the fall or spring semesters.

Basic Teaching Program (36 credits)

(For non-certified teachers)
Pedagogy (9 semester hours):
  SEFE 607: The Theories and Teaching of English Language Learners
  SEFE 676: Teaching Integrated Science and Mathematics
  SEFE 677: Directed Field Experience In Secondary Schools

Technology (3 credits):
  SEFE 647: Technology –Based Inquiry in Middle & Secondary Schools

Educational Measurement (3 credits):
  SEFE 671: Measurement and Assessment in Schools

Educational Foundations (3 credits) One course from:
  SEFE 604: Philosophical Foundation of Education
  SEFE 606: Social Foundations of Education
  SEFE 609: History of Western Education
  SEFE 680: Crucial Issues in Education

Research and Statistics (6 credits):
  SEFE 602: Univariate Statistical Methods
  SEFE 608: Research Methods for Teacher Leadership
  SEFE 696: Elements of Qualitative Educational Research
  SEFE 699: Elements of Quantitative Educational Research

Special Education (3 credits):
  SPED 601: Advanced Studies in Learning Disabilities or a course that meets the Chapter 49 requirements

Supervised Teaching (9 credits):
  SEFE 701: Seminar and Supervised Teaching in the Secondary School

Program Highlights

Impact the future and explore the possibilities of teaching by earning a Master of Education in Secondary Education. SRU’s M.Ed. in Secondary Education has two tracks; a basic track and an advanced track. The basic track is for students seeking certification and the advanced track is for certified teachers.

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Advanced Track (Online)

STEM Concentration

The Advanced Teaching Track in Secondary Education Teaching Math/Science is a Master of Education degree for individuals who already possess teacher certification in secondary mathematics or one of the secondary science subject areas. The program integrates a concentration in Science, Technology, Engineering, and Mathematics (STEM) courses. In addition to core requirements, these certified students will concentrate on individual professional development by electing 12 semester hours of course-work from the areas of instructional design, mathematics/science education, technology, special education, or counseling.

Advanced Teaching Program (36 credits)

(For certified teachers only)
Pedagogy (9 semester hours):
  SEFE 630: Advanced Pedagogy for Teacher Leadership
  SEFE 647: Technology –Based Inquiry in Middle & Secondary Schools
  SEFE 678: Practicum in Secondary Mathematics/Science

Educational Measurement (3 semester hours):
  SEFE 671: Measurement and Assessment in Schools

The courses listed above for the Advanced Teaching Program are offered online.

Educational Foundations (3 semester hours)
  SEFE 680: Crucial Issues in Education

Research and Statistics (9 semester hours):
  SEFE 602: Univariate Statistical Methods (Required)
  SEFE 608: Research Methods for Teacher Leadership
  SEFE 696: Elements of Qualitative Educational Research
  SEFE 699: Elements of Quantitative Educational Research

Electives (12 semester hours):
  SEFE 607: The Theories and Teaching of English Language Learners
  SEFE 650: School Supervision: Strategic Leadership
  SEFE 652: School Supervision: Organizational Leadership
  SPED 601: Advanced Studies in Learning Disabilities
  SPED 625: Instructional Strategies for Learning and Behavior Problems
  (Other electives with advisor approval)
Admission Requirements

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

Basic Track:
- All applicants must have a bachelor’s degree with appropriate course work in mathematics or one of the science disciplines with an overall GPA of 2.80 or higher from an accredited institution of higher education.
- Resume

Advanced Track:
- All applicants must have a bachelor’s degree with an overall GPA of 3.00 or higher from an accredited institution of higher education.
- Copy of teacher certification
- Resume

Prerequisite Undergrad Courses

Students should provide evidence of meeting outcomes in special needs instruction (Slippery Rock University’s SPED 121 High Incidence Disabilities and SEFE 338 Standard-Based Instruction & Assessment in the Inclusion Classroom meet this requirement).

Although the vast majority of accepted students exceed the minimum GPA requirements, students not meeting these criteria may be considered for conditional admission. Conditionally admitted students, however, must meet all of the prescribed program requirements before conferral of degree candidacy.

Basic Track Undergrad Competencies

Students in the basic track who meet admission requirements and have more than three undergraduate competencies will be offered conditional admission. While completing these competencies, students will be registered as post-baccalaureate students.

Degree Completion Process

There are five steps to completing a master’s degree at Slippery Rock University. Students must:

1. Obtain unconditional admission status
2. Be approved for degree candidacy (students must successfully complete between 6 and 12 credit hours in a declared program of study and pass the Praxis I: Academic Skills Assessments for the Basic Program)
3. Pass appropriate comprehensive examination
4. Complete research requirements
5. Complete requisite credit hours

*The educational policies and procedures are continually being reviewed and changed in keeping with the mission of the university. Consequently, this document cannot be considered binding and it is intended to be used as only an informational guide. Students are responsible for being informed of official policies and regulations for meeting all appropriate requirements.

For questions about academics and course scheduling:
Dr. Jeffrey Lehman
Graduate Coordinator
006A McKay Educational Building
724.738.2311
jeffrey.lehman@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
graduate.admissions@sru.edu
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Clearances are due no later than one (1) week prior to deadline for course registration for each program’s practicum/field experience—no student will be permitted to register for their program’s practicum and take part in practicum/field experiences without clear clearances on file at SRU. Students are to send the following by the due date:

- Clear Act 34 Criminal History Record: NO record...NONE concerning prohibitive offenses. A meeting headed by the Dean of the College of Education is required if clearances show non-prohibitive offenses. Clearance must be less than one year old at the time of submission.
- Clear Act 114 FBI Record Check: NO record...NONE concerning prohibitive offenses. A meeting headed by the Dean of the College of Education is required if clearances show non-prohibitive offenses. Clearance must be less than one year old at the time of submission.
- Clear Act 151 Child Abuse Background Check: NO record...NONE concerning prohibitive offenses. A meeting headed by the Dean of the College of Education is required if clearances show non-prohibitive offenses. Clearance must be less than one year old at the time of submission.
- Act 24 Arrest/Conviction Report and Certification: NO record...NONE concerning prohibitive offenses. A meeting headed by the Dean of the College of Education is required if clearances show non-prohibitive offenses. Students must file an updated Act 24 with SRU if any additional arrests/convictions occur while enrolled at SRU.

Note: All required sections of the Praxis I and Praxis II must be completed and passed prior to enrollment in Seminar and Supervised Student Teaching.

Upon completion of these five steps, the student will be required to apply for graduation before the end of the semester in which he or she wishes to graduate. See the Graduate Catalog for further information.