

TEACHING MATH/SCIENCE WITH STEM, MASTER OF EDUCATION (MED) - BASIC CONCENTRATION LEADING TO CERTIFICATION

Curriculum Guide

Code	Title	Hours
Pedagogy		
SEFE 576	Teaching Integrated Science and Mathematics for Middle and Secondary Education	3
SEFE 607	The Theories and Teaching of English Language Learners	3
SEFE 677	Directed Field Experience in Secondary Schools	3
Subtotal		9
Technology		
SEFE 647	Technology-Based Inquiry in Middle & Secondary Schools	3
Subtotal		3
Educational Measurement		
SEFE 671	Measurement, Testing, and Assessment	3
Subtotal		3
Education Foundations		
Select a minimum of one of the following:		3
SEFE 604	Philosophical Foundations of Education	
SEFE 606	Social Foundations of Education	
SEFE 609	History of Western Education	
SEFE 680	Crucial Issues in Education	
Subtotal		3
Research And Statistics		
SEFE 602	Univariate Statistical Methods	3
Select one of the following:		3
SEFE 608	Research Methods for Teacher	
SEFE 696	Elements of Qualitative Educational Research	
SEFE 699	Elements of Quantitative Educational Research	
Subtotal		6
Special Education		
Select one of the following:		3
SEFE 679	Psychology of Learning and Instruction for Diverse Learners	
SPED Course at 600, 700, or 800 level		
Subtotal		3
Supervised Student Teaching		
SEFE 701	Seminar and Supervised Teaching in the Secondary School	9

Subtotal	9
Total Hours	36

¹ If a student would like to substitute/transfer another course, the course must meet the Chapter 49 Accommodations and Adaptations Standards as covered in SPED 601.

Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

Major Code: 9250

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