

# SECONDARY SCHOOL MATHEMATICS, MINOR

## Curriculum Guide

### GPA Requirement

2.0 or higher Minor GPA

### Minor Requirements

- A minimum of 6 credit hours must be upper division (courses numbered 300 and above).
- At least 9 credit hours of MATH/STAT courses used for the minor must be taken at Slippery Rock University.
- Middle Level Education majors (in the Department of Secondary Education/Foundations of Education) CANNOT apply SEFE 200 to the Secondary School Mathematics Minor.
- A minor shall be no fewer than 18 credits.
- BS-Mathematics majors must choose at least 15 credits distinct from those being counted toward major.
- Students minoring in both Mathematics and Second School Mathematics must complete 9 credits in each minor that are not applied to the other minor.

Code	Title	Hours
<b>Required Mathematics Courses</b>		
MATH 235	Foundations of Mathematical Proof	3
MATH 304	Geometric Structures	3
MATH 320	Theory of Numbers	3
SPED 121	Overview of Special Education	3
SEFE 338	Standards-Based Instruction & Assessment in the Inclusionary Classroom	3
<b>Additional Courses</b>		
Select three of the following:		9
MATH 230	Calculus II <sup>1</sup>	
MATH 231	Calculus III <sup>1</sup>	
STAT 124	Introduction to Survey Methods	
STAT 252	Introduction to Statistical Modeling	
STAT 318	Statistical Study Design	
SEFE 200	Introduction to Education, Teaching Methods and Field	
SEFE 230	Production and Utilization of Instructional Technology	
SEFE 245	Middle Level Learning Theory	
SEFE 250	Pre, Early, & Adolescent Development	
SEFE 300	Middle Level Cognitive Development	
SEFE 311	Teaching of Mathematics in the Middle School	
SEFE 326	ELL Strategies and Practice	
SEFE 342	Educational Psychology for Diverse Learners	
SEFE 370	Educational Measurements, Assessment and Evaluation	
SEFE 380	History and Philosophy of Education	
PHIL 313	Symbolic Logic	

PHIL 351 Philosophy of Natural Science

**Total Hours** 24

<sup>1</sup> Course may not be used by Mathematics majors

\* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

### 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

Minor in Secondary Mathematics (52G)

This program is effective as of Summer 2022

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