

Slippery Rock University of Pennsylvania – Curriculum Guide

Minor in Mathematics

MINOR REQUIREMENTS				
(21 credits)				
✓	Course	Title	Cr	Gr
Required Mathematics Courses (12 credits)				
	MATH 225	Calculus I ★	4	
	MATH 230	Calculus II ★	4	
	MATH 231	Calculus III ★	4	
Choose courses from the Pure Math Track or Applied Math Track				
Choose three courses from the Pure Math Track (9 credits)				
	MATH 235	Modern Concepts of Mathematics ★ Required	3	
	MATH 304	Geometric Structures ★	3	
	MATH 309	Linear Algebra ★	3	
	MATH 313	Introductory Analysis I ★	3	
	MATH 314	Introductory Analysis II ★	3	
	MATH 320	Theory of Numbers ★	3	
	MATH 325	Abstract Algebra I ★	3	
	MATH 326	Abstract Algebra II ★	3	
	MATH 352	Mathematical Statistics I ★	3	
Choose three courses from the Applied Math Track (9 credits)				
	MATH 240	Linear Algebra and Differential Equations ★ Required	3	
	MATH 301	Differential Equations I ★	3	
	MATH 302	Differential Equations II ★	3	
	MATH 309	Linear Algebra ★	3	
	MATH 311	Introduction to Operations Research ★	3	
	MATH 315	Numerical Mathematics ★	3	
	MATH 331	Mathematical Methods of Physics ★	3	
	MATH 335	Mathematical Modeling ★	3	
	MATH 352	Mathematical Statistics I ★	3	

Minor Requirements:

- Students must complete at least 9 credit hours in their minor from SRU
- A minimum of 9 credit hours must be upper division (an upper division course includes any 3 credit course that requires a pre-requisite)
- A minor shall be no fewer than 15 credits.
- A minor requires at least 4 additional credits that are outside the student's major.

IMPORTANT CURRICULUM GUIDE NOTES

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended minor 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 advisors to ensure accurate progress towards degree completion. *The information on this guide is current as of the date below. Students are responsible for curriculum requirements at the time of enrollment at the University.*

★ Indicates this course may have a prerequisite. Refer to Undergraduate Online Catalog.

QPA REQUIREMENT
2.00 or higher Minor QPA

Student's Name: _____

Advisors Name: _____

Date: _____