Slippery Rock University of Pennsylvania – Curriculum Guide
Bachelor of Science in Mathematics – Economics Track

LIBERAL STUDIES REQUIREMENTS (48-49 credits)
See Liberal Studies Guide for Goal and Enrichment choices

GOAL COURSE REQUIREMENTS
Complete Goal requirements as indicated below (39-40 credits)

✓	Course	Title	Cr	Gr
Basic Requirements - ENGL101&103 required if student entered SRU prior to Fall 2011. ENGL102 required if student entered SRU Fall 2011 forward.				
	ENGL 101 and ENGL 103 or ENGL 102	College Writing I and College Writing II or College Writing	3 3 3	
	COMM 200	Public Speaking ★	3	
	ENGL 210	Interpreting Literature ★	3	
The Arts				
	Goal		3	
Global Community *(see Liberal Studies Guide for details)*				
	Goal – Non-US		3	
	Goal – Non – US		3	
	Goal – US		3	
Human Institutions/Interpersonal Relationships				
	Goal		3	
Science, Technology & Math				
	Goal – Sci	◊	3	
	Goal – Sci	◊	3	
	Lab – Sci	◊	0-1	
	Goal – Math	◊	3	
Challenges of the Modern Age				
	Goal		3	

ENRICHMENT COURSE REQUIREMENTS
Choose one course from three of the following Enrichment areas. (9 credits)

The Arts				
Global Community				
		◊		
Human Institutions/Interpersonal Relationships				
		◊		
Science, Technology & Math				

OTHER BASIC REQUIREMENTS
Check with your advisor or a current degree audit report to see if you have been exempted from this course. The credit earned in this course will not be counted toward the 120 credit hour minimum needed to earn a degree.

	ACSD 110	Beginning Algebra	3	

COMPUTER COMPETENCY (for students entering Fall 2008 and after)
Students must demonstrate "computer competency" by:

	Passed Exam	Pass Computer Competency Exam at SRU Orientation		
OR	CPSC _____	**Complete one of the following courses:** CPSC 100, 110, 130, 210 or PE 202 at SRU or another post-secondary institution	1 - 3	

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 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. Please refer to the Undergraduate Online Catalog.
◊ Indicates this course may count as a Major Requirement and a Liberal Studies Requirement, **but you will only receive credit once towards your 120 credit total.**
R Required Course
\+ Students must have a 'C' or better in the course to register for any 300 Level or above Mathematics course.

Student's Name: _____ Date: _____

Advisor's Name: _____

MAJOR REQUIREMENTS
(58 credits)

✓	Course	Title	Cr	Gr
Students must have a 'C' or better in the following three courses to register for any 300 Level or above Mathematics course (10 credits)				
	MATH 131	Discrete Math ★	3	
	MATH 230	Calculus II ★	4	
	MATH 235	Modern Concepts of Mathematics ★	3	
Required Mathematics Courses (19 credits)				
	MATH 231	Calculus III ★	4	
	MATH 240	Linear Algebra & Differential Eq ★	3	
	MATH 309	Linear Algebra ★	3	
	MATH 313	Introductory Analysis I ★	3	
	MATH 314	Introductory Analysis II ★	3	
	MATH 325	Abstract Algebra I ★	3	
Required Mathematics Course (2 credits)				
	MATH 491	Mathematics Seminar ★	1	
	MATH 491	Mathematics Seminar ★	1	
Required Electives – 300 level and above (6 credits) (Except for MATH 310)				
	MATH ____			
	MATH ____			
Choose at least two of the following (6 credits)				
	MATH 301	Differential Equations I ★	3	
	MATH 315	Numerical Mathematics ★	3	
	MATH 335	Mathematical Modeling ★	3	
	MATH 352	Mathematical Statistics I ★	3	
	MATH 353	Mathematical Statistics II ★	3	
Economic Special Interest Area (9 credits) Students must include either ECON 301 or ECON 302 in their program.				
	ECON 201	Principles of Macroeconomics ◊ **R**	3	
	ECON 202	Principles of Microeconomics ◊ **R**	3	
	ECON 301 or ECON 302	Macroeconomic Analysis ★ or Microeconomic Analysis ★	3	
Choose two additional courses (6 credits)				
	ECON 301 or ECON 302	Macroeconomic Analysis ★ or Microeconomic Analysis ★	3	
	ECON 315	Environmental Economics ★	3	
	ECON 318	Intermediate Statistical Analysis ★	3	
	ECON 326	International Economics ★	3	
	MATH 252	Introduction to Statistical Modeling ★	3	
	MATH 280	Theory of Interest ★	3	
	MGMT 320	Operations Management I ★	3	
	MGMT 352	Operations Management II ★	3	

COMPETENCY IN AN APPROVED COMPUTER PROGRAMMING LANGUAGE IS REQUIRED

	COMPSCI			

NATURAL SCIENCE AND MATH COLLEGE-WIDE REQUIREMENTS
Students must take the following four courses (12 credits)

	CHEM 107	General Chemistry I ★◊	3	
	CHEM 111	General Chemistry I Lab ★◊	1	
	MATH 225	Calculus I ★◊+	4	
	PHYS 211	General Physics I/Lab★◊	4	

ELECTIVES
(1-2 credits)

QPA REQUIREMENT
2.00 or higher Major QPA
2.00 or higher Overall QPA

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