

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
 Bachelor of Science
Major: Mathematics
Concentration: Actuarial Science 2+2 Cooperative Program (0555)

Student: _____

ID#: @ _____

Term: _____

I. GENERAL EDUCATION			(42 SH)
	SH	Grade	Date
A. Skills			(12 SH)
ENGL101	College Writing Skills	3	
ENGL102	Writ/Research Skills	3	
MATH270	<i>Discrete Mathematics I</i>	3	
	<i>CSCI104 or discipline-specific computer competency course</i>	3	
B. Core			(21 SH)
1	<i>Artistic Expression</i>	(3 SH)	
2	<i>World Civilizations</i>	(3 SH)	
3	<i>American Civilizations</i>	(3 SH)	
4	<i>Human Behavior</i>	(3 SH)	
5	<i>Cult Div. & Social Plur</i>	(3 SH)	
6	<i>Ethics</i>	(3 SH)	
7	<i>Natural Science</i>	(3 SH)	
C. Distribution			(9 SH)
1	Humanities & Fine Arts	(3 SH)	
2	Soc & Behav Sciences	(3 SH)	
	ECON220 Princ. Microecon	3	
3	Science & Math	(3 SH)	
	CSCI130 OR DSCI 210	3	

II. SPECIALIZATION: MATHEMATICS*			(57 SH)
	SH	Grade	Date
A. Required Mathematics Courses			(33 SH)
MATH211	<i>Analytical Geom/Calc I</i>	4	
MATH212	<i>Analytical Geom/Calc II</i>	4	
MATH275	<i>Linear Algebra I</i>	3	
MATH290	Found. of Math Proof	3	
MATH311	<i>Analytical Geom/Calc III</i>	4	
STAT350	Math Prob. & Statistics	3	
STAT360	Statistical Inference	3	
STAT380	Intro to Actuarial Inference	2	
MATH381	Actuarial Financial Math	3	
MATH411	Intro to Analysis	3	
MATH480	Mathematics Seminar	1	
B. Mathematics Electives			(9 SH)
Choose from: DSCI301, 460, MATH317, 342, 370, 415, 417, 430, 431, 443, 465, 475, ECON420, STAT442)			
C. Required Professional Courses			(15 SH)
ACCT215	Princ. of Accounting I	3	
ACCT220	Princ. of Accounting II	3	
COMM298	Bus & Prof Comm	3	
ECON225	Princ. Macroecon	3	
FIN300	Principles of Finance	3	
V. FREE ELECTIVES**			(21 SH)
	SH	Grade	Date
TOTAL			(120 SH)

THIS IS NOT AN OFFICIAL TRANSCRIPT OF RECORD.

Note: At least 42 semester hours must consist of advanced coursework.

*A grade of "C-" or better must be obtained in each MATH course counted toward the major and CSCI130 or DSCI210.
 **Students are advised to enroll in an internship or complete a minor with their free electives.
 ***Italicized courses to be completed in China.