

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
 Bachelor of Science
Major: Mathematics
Concentration: Actuarial Science (0558)

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	Discrete Mathematics I	3		
CSCI104	or discipline-specific computer competency course	3		
B. Core			(21 SH)	
1	Artistic Expression	(3 SH)		
2	World Civilizations	(3 SH)		
3	American Civilizations	(3 SH)		
4	Human Behavior	(3 SH)		
5	Cult Div. & Social Plur	(3 SH)		
6	Ethics	(3 SH)		
7	Natural Science	(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 DSCI210	3		

II. SPECIALIZATION: MATHEMATICS*			(57 SH)	
		SH	Grade	Date
A. Required Mathematics Courses			(33 SH)	
MATH211	Analytical Geom/Calc I	4		
MATH212	Analytical Geom/Calc II	4		
MATH275	Linear Algebra I	3		
MATH290	Found. of Math Proof	3		
MATH311	Analytical Geom/Calc III	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.

(Revised: April 2019; Approved: December 2019)
 (Effective: Winter 2020)