

EDINBORO UNIVERSITY OF PENNSYLVANIA

CURRICULUM REQUIREMENTS

Bachelor of Science

Major: Mathematics with Actuarial Concentration (0558)

Student: _____ ID# @ _____ Term: _____

I. GENERAL EDUCATION (42 SH)

	SH	Grade	Date
A. Skills (12 SH)			
ENGL 101 College Writing Skills	3	_____	_____
ENGL 102 Writ/Research	3	_____	_____
MATH270 Discrete Mathematics I	3	_____	_____
CSCI 104 Essentials Computing I <i>Or Discipline-specific computer competency course</i>	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. **Cultural Diversity & Social Pluralism (3 SH)**

6. **Ethics (3 SH)**

7. **Natural Science (3 SH)**

C. Distribution (9 SH)

1. **Humanities & Fine Arts (3 SH)**

2. **Social & Behavioral Sciences (3 SH)**
ECON220 Princ of Econ Micro 3 _____
3. **Science & Mathematics* (3 SH)**
CSCI 130 Princ of Programming 3 _____

II. SPECIALIZATION: MATHEMATICS* (51 SH)

	SH	Grade	Date
A. Required Mathematics Courses (30 SH)			
MATH211 Analytical Geom./Calc. I	4	_____	_____
MATH212 Analytical Geom./Calc. II	4	_____	_____
MATH275 Linear Algebra I	3	_____	_____
MATH290 Foundations of Math Proof	3	_____	_____
MATH311 Analytical Geom./Calc. III	4	_____	_____
STAT350 Mathematical Prob & Stats	3	_____	_____
STAT360 Statistical Inference	3	_____	_____
STAT380 Intro to Actuarial Science	2	_____	_____
MATH411 Intro to Analysis	3	_____	_____
MATH480 Mathematics Seminar	1	_____	_____

B. Mathematics Electives (9 SH)

Choose from: MATH317, MATH370, MATH417, MATH 430, MATH 431, MATH465, MATH475, ECON420.

	SH	Grade	Date
_____	_____	_____	_____
_____	_____	_____	_____

C. Required Business Courses (12 SH)

	SH	Grade	Date
ACCT215 Accounting I	3	_____	_____
ACCT220 Accounting II	3	_____	_____
FIN300 Principles of Finance	3	_____	_____
ECON225 Princ of Econ Macro	3	_____	_____

III. FREE ELECTIVES (27 SH)**

	SH	Grade	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

THIS IS NOT AN OFFICIAL TRANSCRIPT OF RECORD

* A grade of C or better must be obtained in each required course in the Specialization and in CSCI130.

**Students are advised to do an internship or choose a minor with their free electives.

TOTAL# (120 SH)

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