



CURRICULUM GUIDE

Mathematics (B.S. degree) with Actuarial Science Minor

Name: _____

Year entered: _____

Freshman (Fall - even)		Credits
MAT 211	Calculus I	4
ACC 211	Principles of Accounting I	3
ENG 111	Written Composition I	3
CHR 111	Old Testament Survey	3
ELEC	elective	<u>3</u>
		16

Freshman (Spring - odd)		Credits
MAT 212	Calculus II	4
MAT 208	Statistics	3
ACC 212	Principles of Accounting II	3
ENG 112	Written Composition II	3
CSC 115/255	CS Intro/Programming in C	<u>3</u>
		16

Sophomore (Fall - odd)		Credits
MAT 213	Calculus III	4
MAT 207	Transition Mathematics	3
ECO 211	Principles of Macroeconomics	3
ART 210	Arts in Western Civilization	3
ELEC	elective	<u>3</u>
		16

Sophomore (Spring - even)		Credits
MAT 315	Linear Algebra	3
ECO 212	Principles of Microeconomics	3
CHR 112	New Testament Survey	3
BIO core	general core biology ²	4
PEWS 100	Fitness for Health	<u>1</u>
		14

Declare minor with Dean, Arts & Sciences

Junior (Fall - even)		Credits
MAT UL	upper-level MAT ¹	3
FIN 320	Business Financial Management	3
ENG 201/202	Survey of World Literature I/II	3
COM 112/235	Public/Interpersonal Comm.	3
HIS 101	World Civ. to the 19 th Century	<u>3</u>
		15

Junior (Spring - odd)		Credits
MAT 305	Statistical Methods	3
MAT 400	SOA Exam P Preparation	1
PHY 231	University Physics I	5
HIS 102	World Civ. from the 19 th Century	3
ELEC	electives	<u>3</u>
		15

Apply for Junior Audit after completing 72 credit hours

Senior (Fall - odd)		Credits
MAT 498	Mathematics Seminar	2
MAT 401	Financial Mathematics	3
ECO 411/412	Inter. Macro/Microeconomics	3
ELEC	electives	<u>6</u>
		14

Senior (Spring - even)		Credits
MAT 402	Math. of Life Contingent Risks	3
ELEC	electives	<u>11</u>
		14

Apply for Graduation

1. Students must take at least one of MAT 411 (Fall even years) or MAT 415 (Fall odd years). Course rotation may change.
2. Choose from BIO 112, BIO 100, BIO 110, or BIO 221

Note: Students must have at least 36 hours at the 300 or 400 level to graduate. There are only 24 upper-level hours above.