FINANCIAL ACTUARIAL MATHEMATICS B.S.

PRE-MAJOR: 12 COURSES
Students can declare the pre-major at any time while in good academic standing.

	Quarter	Grade		Quarter	Grade
MATH 31A*			ECON 1**		
MATH 31B*			ECON 2**		
MATH 32A*			ECON 11**		
MATH 32B*			MGMT 1A**		
MATH 33A*			MGMT 1B**		
MATH 33B*					
PIC 10A*					

*Mathematics sequenced courses, ** Economics preparation courses: Each are calculated separately and must be completed with a minimum overall 2.5 grade-point average and a grade of "C" or better in each course. Repetition of more than two mathematics sequenced courses, or of any mathematics sequenced course more than once, results in automatic dismissal from the major. Repetition of more than one economics preparation course, or of any economics preparation course more than once, results in automatic dismissal from the major.

THE MAJOR: 11 COURSES
Students must declare the major before reaching 160 units (not including AP).

One 2-quarter sequences chosen from three categories:

	Quarter	Grade		Quarter	Grade
MATH 115A$^+$			**A. Foundations of Actuarial Mathematics**		
MATH 131A$^+$			MATH 178A		
MATH 177 or 175			MATH 178B		
MATH 174A			**B. Life Contingency Actuarial Models**		

(MATH 174E, MATH 179, ECON 141, or STATS C183/C283 is also accepted)

	Quarter	Grade
MATH 172B		
MATH 172C		

One 2-quarter probability sequence:
A. Introduction to Probability and Statistics

C. Casualty Loss Models

	Quarter	Grade
MATH 170E		
MATH 170S		

	Quarter	Grade
MATH 173A		
MATH 173B		

B. Probability Theory

	Quarter	Grade
MATH 170A		
MATH 170B		

Three upper division Actuarial, Economics or Statistics courses:
MATH 156, MATH 164, MATH 172B–MATH 173B or MATH 178A –MATH 178C (whichever was not taken for the two-term sequence), MATH 179, ECON 101–199, STATS 100C

1.
2.
3.

$^+$Students must pass this course with a "C-" or better. It is strongly recommended that students take MATH 115A as one of their first upper division courses before MATH 131A.

All required courses for the major must be at least 4.0 units and taken for a letter grade, unless the class is a supplment to a larger course (e.g. a required lab).

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