

ACTUARIAL MATHEMATICS CONCENTRATION

Actuarial Mathematics Concentration Requirements:

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MATH 121	Calculus and Analytic Geometry I (*)	3
MATH 122	Calculus and Analytic Geometry II (*)	3
MATH 223	Calculus and Analytic Geometry III	3

*If a student took MATH 121 and MATH 122 as his/her Liberal Arts Core, the student would need to choose two more from the elective list.

And choose either:

AM 230	Actuarial Statistics I	3
AM 231	Actuarial Statistics II	3

OR

AM 340	Mathematical Interest Theory I	3
AM 342	Mathematical Interest Theory II	3

And choose one from the following courses:

AM 230	Actuarial Statistics I	3
AM 231	Actuarial Statistics II	3
AM 332	Actuarial Statistics III	3
AM 333	Advanced Probability	3
AM 340	Mathematical Interest Theory I	3
AM 341	Mathematics of Finance, Insurance, and Pensions	3
AM 342	Mathematical Interest Theory II	3
AM 421	Life Contingencies I	3
AM 440	Actuarial Mathematical Models and Stochastic Calculus	3
AM 451	Pension Fundamentals	3
AM 471	Fundamentals of Property and Casualty Reserving	3
AM 481	Ratingmaking	3
MATH 226	Linear Algebra	3
MATH 354	Software Application for Mathematics	3

A minimum of 18 credits is required for the concentration.