Certificate in Introductory Actuarial Science

This program is designed to prepare students for the preliminary examinations given by the Society of Actuaries. Completion of those exams is normally considered the prerequisite for internships and entry-level positions in the field of actuarial science. For more information contact the Department of Mathematics.

Certificates may be earned by regularly matriculated or extended learning students and denote successful completion of a prescribed program of study designed to:

1. impart specified professional/vocational/career competencies; or
2. produce mastery of the content of a sub-field of an academic major (discipline); or
3. provide exposure to the range of materials in a traditional or emerging interdisciplinary field.

Certain certificate programs contain 6000-level courses as requirements and/or electives. These 6000-level courses may not be taken by undergraduate students. Candidates must receive two-thirds of their certificate-applicable credit from the university. The transferring of credit or the substitution of courses may occur only after application to the appropriate campus authority.

Certificate Requirements (34 units)

Lower-division requirements (22)		
ECON 2201	Principles of Microeconomics	3
ECON 2202	Principles of Macroeconomics	3
MATH 2210	Calculus I	4
MATH 2220	Calculus II	4
MATH 2310	Applied Linear Algebra	4
MATH 2320	Multivariable Calculus	4
Upper-division requirements (6)		
MATH 3320	Mathematical Interest Theory	3
MATH 3460	Probability Theory	3
Electives (6)		**6**
Select TWO of the following courses:		
MATH 2265	Statistics with Applications	
MATH 3372	Combinatorics	
MATH 4320	Introduction to Actuarial Modeling	
Total Units		**34**