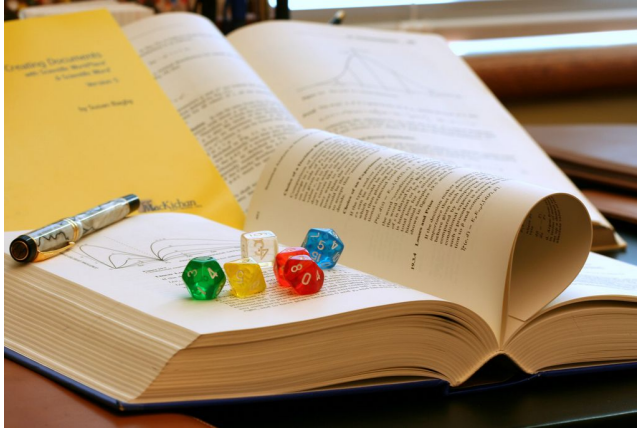


Mahidol University International College Certificate¹ in Actuarial Mathematics

What is an Actuary?



An **actuary** is a professional with skills in assessing the financial consequences of risk and uncertainty. Actuaries apply knowledges not only in the fields of mathematics and statistics but also finances and economics to solve problems related to risks, uncertainties, and financial impacts of undesirable events.

Over the past five years, actuary has consistently been rated as one of the top five jobs in terms of competitive income, level of stress, and work environment (according to a job ranking website: <http://www.careercast.com/jobs-rated/jobs-rated-2014-ranking-200-jobs-best-worst>)

About the Certificate

The **Certificate in Actuarial Mathematics** at MUIC is designed to provide students with broad training in the mathematics of actuarial science. Courses cover materials necessary for several examinations of the Casualty Actuarial Society and the Society of Actuaries, which are required in professional certification of an actuary.

List of Courses

- **ICMA 321 Linear Algebra** (*offered once a year during trimester 2*)
- **ICMA 353 Actuarial Mathematics I** (*offered once a year during trimester 2*)
- **ICMA 354 Actuarial Mathematics II** (*offered once a year during trimester 3*)
- **ICMA 231 Theory of Interest** or **ICMB 371: Business Finance**

¹ Starting Trimester 2/2014-2015