

Analysis and Management of Insurance Risk, Certificate

LAAMIRCERT

Do you have an eye for detail? Are you good with numbers? A lucrative career in risk management may be perfect for you.

Description

Risk management is the identification, assessment and prioritization of risks and is followed by coordination and economic application of resources to minimize risk or maximize the realization of opportunity. The certificate program helps students become well-rounded assessors of risk who can monitor the probability and impact of unfortunate events.

At a glance

- **College/School:** [The College of Liberal Arts and Sciences](#)
- **Location:** [Tempe](#)

Program requirements

[2024 - 2025 Certificate Map](#)
[Certificate Map \(Archives\)](#)

The certificate requires 15 credit hours from the approved course list below, with the only required course being ACT 301. A grade of "C" (2.00 on a 4.00 scale) is required for all courses.

Required Course -- 3 credit hours

[ACT 301: Risk Management and Insurance \(SOBE OR SB\)](#) (3)

Electives (choose four) -- 12 credit hours

[ACT 201: Introduction to Elements and Techniques of Actuarial Science](#) (3)

[ACT 302: Fundamentals of Enterprise Risk Management](#) (3)

[ACT 320: Property and Casualty Insurance](#) (3)

[ACT 330: Life and Health Insurance](#) (3)

[ACT 370: Software Tools for Business Analytics](#) (3)

[ACT 484: Internship](#) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Students must hold a minimum GPA of 2.50 to pursue this certificate and must have completed the following prerequisite courses at ASU or an equivalent institution with a grade of "C" or better (scale is 4.00 = "A"):

CIS 105 Computer Applications and Information Technology or equivalent

ECN 211 Macroeconomic Principles or ECN 212 Microeconomic Principles

MAT 210 Brief Calculus

STP 226 Elements of Statistics or ECN 221 Business Statistics

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student. Applicants should contact the unit for additional information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze factors of risk to make informed assessments for insurance purposes.
- Use mathematical and statistical theories to demonstrate mastery of analytical decision making based on both qualitative and quantitative data.

Career opportunities

Graduates with a certificate in analysis and management of insurance risk have skills that are transferable to any organization that requires risk modeling and management, including:

- colleges and universities
- consulting firms
- energy and environmental agencies

- financial services
- government agencies
- insurance companies
- retirement and pension companies
- transportation companies

Contact information

[Schedule an advisor appointment](#)

[School of Mathematical and Statistical Sciences](#) | WXMLR 216

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