

Actuarial Science Minor

Overview

Offered by Department of Risk, Actuarial Science, Healthcare Management, and Legal Studies, the **Minor in Actuarial Science** is open to all students, with the exception of Actuarial Science majors. The minor offers students the opportunity to explore actuarial science to supplement their studies, where they can refine their analytical and mathematical skills to prepare for the required professional exams and a career as an actuary, which specializes in the evaluation of insurance and financial risks across an array of industries.

Campus Location: Main

Contact Information

Krupa S. Viswanathan, Associate Professor, Academic Program Director
 Alter Hall, Room 629
 215-204-6183
 krupa@temple.edu

Requirements

- Open to business or non-business students.
- Two prerequisite Mathematics courses are required (8 credits total).
- Four Actuarial Science courses are required (12 credits total) and must be completed at Temple.

Code	Title	Credit Hours
Prerequisite Courses		
MATH 1041 or MATH 1941	Calculus I Honors Calculus I	4
MATH 1042 or MATH 1942	Calculus II Honors Calculus II	4
Required Courses		
AS 1501	Actuarial Probability ¹	3
AS 2502	Theory of Interest	3
Select two of the following: ⁴		6
AS 2505	Actuarial Statistics ²	
AS 3501	Long-Term Actuarial Modeling	
AS 3502	Advanced Long-Term Actuarial Modeling ³	
AS 3503	Short-Term Actuarial Modeling	
AS 3504	Actuarial Analytics ³	
Total Credit Hours		20

¹ May be taken concurrently with MATH 1042/MATH 1942.

² Offered in Spring semester only.

³ Offered in Fall semester only.

⁴ Given course prerequisites, possible sequences are:

- AS 2505 and AS 3503 (focus on statistics and short-term actuarial modeling);
- AS 2505 and AS 3504 (focus on statistics and actuarial analytics); and
- AS 3501 and AS 3502 (focus on long-term actuarial modeling).