

# ACTUARIAL MATHEMATICS, MINOR

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Actuarial Science stands at the intersection of risk and money. Actuaries use their knowledge of mathematics and probability theory to define, analyze and solve complex business, financial and social problems. Actuaries evaluate individual and corporate risks, and design financially sound insurance and pension plans. Graduates from the University of Pennsylvania with an Actuarial Mathematics Minor are expected to be in great demand by the insurance and banking industry.

**For more information:** <https://www.math.upenn.edu/undergraduate/math-majors-and-minors/minor-actuarial-mathematics> (<https://www.math.upenn.edu/undergraduate/math-majors-and-minors/minor-actuarial-mathematics/>)

Code	Title	Course Units
<b>Minor Requirements</b>		
MATH 240	Calculus, Part III	1
Select one of the following:		1
MATH 320	Computer Methods in Mathematical Science I	
MATH 530	Mathematics of Finance	
Other with permit		
STAT 430	Probability	1
STAT 431	Statistical Inference	1
STAT 451	Fundamentals of Actuarial Science I	1
STAT 452	Fundamentals of Actuarial Science II	1
STAT 453	Actuarial Statistics	1
Select an additional INSR course (see list on web)		1
Total Course Units		8

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The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2020 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.

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