

# ACTUARIAL MATHEMATICS AND STATISTICS, CERTIFICATE

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Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

## Career Paths

Actuaries are in high demand and the job outlook is expected to grow much faster than average in the next decade. Qualifications for an actuary are a bachelor's degree in mathematics, finance, or a related field and passing one or more actuary exams. Internships are plentiful and a key component to finding employment as an actuary. Penn State Behrend has a comprehensive support system to help you identify and achieve your goals for college and beyond. Meet with your academic adviser often and take advantage of the services offered by the Academic and Career Planning Center beginning in your first semester.

## Careers

Students completing the certificate are prepared to pass the P/1 (Probability) and FM/2 (Financial Mathematics) actuary examinations and would obtain Validation by Educational Experience (VEE) credit for economics, corporate finance, and applied statistical methods once a second actuarial examination is passed.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES WITH A CERTIFICATE IN ACTUARIAL MATHEMATICS AND STATISTICS (<https://behrend.psu.edu/school-of-science/academic-programs-1/certificate-programs/actuarial-mathematics-and-statistics-certificate/>)

## Opportunities for Graduate Studies

A certificate in the sciences, particularly when added to a major program outside of the sciences, demonstrates to graduate school admissions committees your commitment to interdisciplinary thinking.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (<https://behrend.psu.edu/school-of-science/academic-programs-1/certificate-programs/actuarial-mathematics-and-statistics-certificate/>)

## Professional Resources

- Society of Actuaries (<https://www.soa.org>)
- Be An Actuary (<https://www.beanactuary.org/>)