



Bachelor of Science

ACTUARIAL SCIENCE

Members of the actuarial science program are talented mathematics students who are interested in risk and how to manage it. They use their knowledge of mathematics, statistics, finance and business management to help leaders make strategic decisions and consumers prepare for the future.

Actuarial science is consistently one of the most secure and highest-paying professions, even during tough economic times. It was ranked the #2 Best Business Job of 2018 by U.S. News & World Report.

University of the Pacific is one of just four universities in California to offer an actuarial science major with advanced curriculum and the only one in Northern California.

Our program prepares you to take up to five professional actuarial credentialing exams before you graduate. Passing the exams helps you progress in your career. That makes you more marketable right away and is a big advantage in this competitive field.

In addition, Pacific students are supported by our Actuarial Advisory Board, made up of current or retired actuarial professionals. They keep our program up to date and help find employment and internship opportunities for qualified students.

If you are good at math and interested in business, risk and statistics, actuarial science may be for you.

PROGRAM FEATURES

Exam Support

Advisory Board

**Pacific Math
Club**

**Pacific Problem
Solving Group**

UNIVERSITY OF THE
PACIFIC

Department of Mathematics:

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Please visit pacific.edu for more information



I like actuarial science because you get to find solutions for companies, and you get to work on projects. If you like solving problems, if you're a critical thinker, I think it would be a perfect fit. That's why I saw it as a perfect fit for me.

Tulinh Nguyen
Actuarial Science major

The Experience

The actuarial science major in the Department of Mathematics is a close-knit community focused on providing a student-centered education. With the mentorship of dedicated professors, students develop and apply their mathematical reasoning, communication, problem-solving skills and knowledge.

The program also prepares students to take up to five professional actuarial credentialing exams administered by the Society of Actuaries/Casualty Actuarial Society: Exam P, Exam FM, Exam IFM, Exam LTAM and Exam STAM.

The Profession

Actuaries analyze the financial costs of risk and uncertainty. They use mathematics, statistics, and financial theory to assess uncertain future events, especially those of concern to insurance and pension programs. They then help businesses and clients develop policies to minimize the cost of that risk.

Actuaries work in a variety of industries including banking, e-commerce, energy, enterprise risk management, insurance, marketing, employee benefits; any organization that needs to manage financial risk.

Actuaries describe their work as challenging and interesting and generally enjoy a good working environment. The Jobs Rated Almanac has consistently rated actuary as one of the top two or three jobs on a variety of factors. Several studies have shown that the profession is more open than others to women and members of underrepresented minority groups.

According to CareerCast, actuaries will be in high demand over the next decade, with projected growth rate of 18% nationwide and 33% in California. Recruiting firm D.W. Simpson reports starting salaries with one professional exam pass range from \$51,000–\$64,000. The 2018 mean salary of all actuaries in California was \$121,000, according to the U.S. Bureau of Labor Statistics.

OUTCOMES

A career in actuarial science is one of the best options that a student with talent and interest in mathematics, statistics, economics and finance can pursue. It was ranked the #2 Best Business Job of 2018 by U.S. News & World Report. Pacific is one of only four schools in California to offer an advanced undergraduate program in actuarial science.

DEGREES OFFERED

Bachelor of Science

MAJORS OFFERED

Actuarial Science

For more information, please visit:

 Go.Pacific.edu/Actuarial