



B.S. in Actuarial Science

2021 MEDIAN STARTING SALARY

\$72,500

2021 MEDIAN SALARY

\$105,900

PROJECTED EMPLOYMENT IN 2030

34,500

JOB GROWTH THROUGH 2030

24%

NUMBER OF JOBS, 2020:

27,700

REQUIRED ENTRY EDUCATION

Bachelor's Degree

Bureau of Labor Statistics, U.S. Department of Labor,
www.bls.gov/ooh/math/actuaries.htm (05/22)

Looking for an in-demand, high-salary career that combines your interests in mathematics, business and programming?

UT's Bachelor of Science degree in Actuarial Science is designed to prepare graduates for entry into practice as an actuary.

Actuaries are professionals that analyze risk and uncertainty, primarily in the financial services and insurance industries. With its high salary and job security, actuarial science is consistently ranked among the nation's top professions. The U.S. Bureau of Labor Statistics projects the field will grow by 24% through 2030 — much faster than other professions.

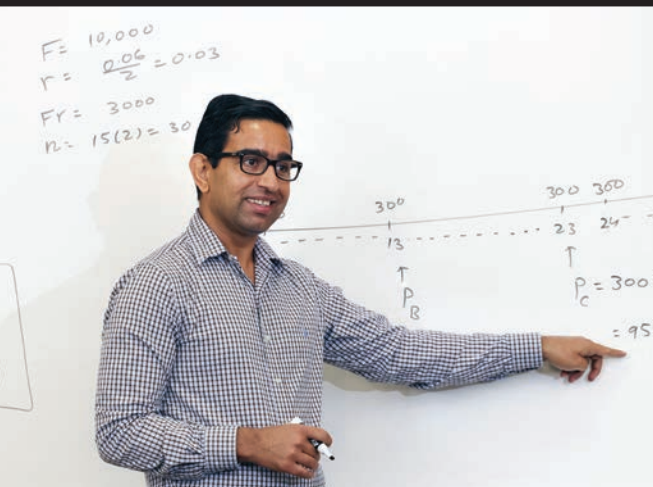
A career as an actuary is hard to beat in almost every category, such as work environment, employment outlook, job security, growth opportunity and salary. Actuaries are well paid. Experienced Fellows have the potential to earn from \$150,000 to \$250,000 annually, and many actuaries earn even more. With its high salary and job security, actuarial science is consistently ranked among the nation's top professions.

WHERE DO ACTUARIES WORK?

Found in all sectors of the economy, actuaries work primarily in the financial services sector, including insurance companies, investment banks and retirement funds. Regardless of the size of the firm, all insurance and financial firms need the expertise of actuaries. Actuaries work at the Big Four consulting and auditing firms EY, PwC, Deloitte and KPMG, as well as dedicated actuarial consulting firms such as Milliman or Aon Hewitt.

BECOMING AN ACTUARY

The typical entry into actuarial practice is a bachelor's degree in actuarial science, but actuarial certification also involves the completion of multiple national exams sponsored by the Society of Actuaries. Students completing UT's B.S. in Actuarial Science gain the necessary skills in mathematics, statistics, programming and economics to succeed in this dynamic field. Students also complete an internship and receive preparation for two of the exams required for professional certification, placing them in high demand for employment in the field.



FEATURED FACULTY



KHYAM PANERU, Ph.D.

Associate Professor, Statistics
Director, Actuarial Science
Program

Dr. Khyam Paneru's research interest is in applied statistics and focuses on data visualization, modeling, and computing. He has collaborated in multiple research projects in different areas such as business, economics, education, agriculture, and teaching and learning. Dr. Paneru mentored multiple undergraduate research projects and received undergraduate research grants.

Dr. Khyam Paneru has been teaching mathematics, statistics, and actuarial science course such as Introductory Statistics, Introduction to R, Business Statistics, Business Mathematics, Finite Mathematics, Applied Statistics, Applied Nonparametric Statistics, Applied Regression Analysis, Probability, Mathematical Statistics, Theory of Interest, and Actuarial Exam Preparation courses.

ACTUARIAL SCIENCE CLUB AT UT

The Actuarial Club at the University of Tampa (ACUT) seeks to prepare and create an environment for aspiring actuaries to learn more about the profession and prepare for a career in the actuarial field.

The club works with students at the University of Tampa to guide them through the coursework and the process for actuarial exams. The club provides available resources to help students more effectively study for actuarial exams.

FEATURED STUDENTS



ABBEY HILL '22

Hometown: Quakertown, PA

Major: Actuarial Science

Minor: Mathematics,
Leadership Studies,
and Education

Activities: Honors Program,
Actuarial Club, Math Club, Sigma Kappa Sorority,
President Leadership Fellows

"I entered the University of Tampa in Fall 2018 to get my degree in teaching mathematics. After discovering my passion was geared more towards the math curriculum than the education curriculum, switching my major was easy. Dr. Paneru and Dr. Khanal helped get me connected with Wakely Consulting Group, an actuarial health consulting firm in Tampa Bay, for a 6-week internship. After passing SOA Exam P in September 2021, I was offered a full-time position. This field is something that prospective students should not count out. Studying for the actuarial exams can seem like a daunting and arduous task to take on, but the reward after passing and finding a career where you are guaranteed growth outweighs the amount of time spent during the studying process. Dr. Paneru, Director of the Actuarial Science program at UT, is always willing to help with exam preparation, course work, research, interview preparation, or networking connections, and I cannot express my gratitude enough."



HALEY RUGGLES '21

Hometown: Marcellus, NY

Major: Mathematics

Minor: Economics

Activities: Actuarial Club,
Pi Mu Epsilon, Sigma
Kappa Sorority

"The actuarial science program at UT gave me the support I needed to pass my first actuarial exam, SOA Exam P, and secure a job as an actuarial analyst upon graduation. The classes gave me the skills needed to succeed in my role, and I can't thank the UT Math Department enough for helping me achieve my dream career!"

THE UNIVERSITY
OF TAMPA