

# ACTUARIAL SCIENCE

## Actuarial work

Courses leading to a B.S. in actuarial science prepare students for an exciting field. However, what exactly is actuarial science? Actuaries put a price tag on risk. They are the leading professionals in finding ways to manage risk and are experts in:

- Evaluating the likelihood of future events
- Designing creative ways to reduce the likelihood of undesirable events
- Reducing the impact of undesirable events



## Holistic learning

The actuarial science major at High Point University was specifically designed in consultation with local actuaries to give students the best possible preparation for an actuarial career. Courses in finance, economics and statistics have been accepted by the Society of Actuaries as satisfying its VEE requirements in corporate finance, micro- and macroeconomics and applied statistics. The goal of the program is to produce graduates who have passed the first two actuarial exams (probability and financial mathematics), completed the Society of Actuaries VEE requirements and have developed through their coursework the skills to succeed in the actuarial profession. Through classroom studies and internships, students are equipped with the skills necessary for the ever-changing global marketplace.

## What can I do with this major?

Courses leading to a B.S. in actuarial science will provide sufficient depth to prepare students for a variety of careers requiring quantitative and analytical skills in business, finance and government. Such professions include, but are not limited to:

- Actuary
- Bank examiner
- Economist
- Financial analyst
- Financial planner
- Marketing specialist
- Market research analyst
- Statistician

Students with degrees in actuarial science are needed in these industries:

- Banks and investment firms
- Colleges and universities
- Government
- Insurance
- Private corporations
- Rating bureaus

## Why should I major in actuarial science at HPU?

- Actuaries have higher-than-average starting salaries and an advanced degree is not essential.
- Numerous sources list an actuary as one of the best jobs in America for multiple categories such as work environment, employment outlook, job security, growth opportunity and salary.
- Problem solving, abstract thinking and quantitative reasoning are among the most sought after attributes of new hires - and these skills are sharpened through our focused mathematics curriculum.
- The actuarial profession is perfect for individuals who enjoy challenges and problem solving. Those who develop a track record of success will have many opportunities for growth and advancement.
- The need for actuaries is growing beyond the traditional industry to include financial services, marketing and sales among many more.

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## What does the future hold?

HPU actuarial science alumni have gone on to pursue graduate studies and professional opportunities at the following institutions:

- Bank of America
- BB&T
- California Institute of Technology
- Clemson University
- Cone Health
- Cornell University
- Duke University
- Duquesne University
- Geico
- George Mason University
- Georgetown University
- Lincoln Financial
- NASA
- Renfro Corporation
- Rutgers University
- Starr Insurance Companies
- University of Colorado
- University of Georgia
- University of Kansas
- University of Maryland
- University of Massachusetts
- University of North Carolina
- University of Pittsburgh
- University of South Carolina
- University of Texas
- University of Virginia
- Vanderbilt University
- Virginia Tech
- Wake Forest University

**Median pay for actuaries: \$200,000**

\*According to DW Simpson and Company



## Innovative study

The actuarial science program at High Point University prepares students for exciting and in-demand jobs in the workforce. In addition to traditional coursework, our program includes prep courses for actuarial exams. Outside the classroom, we host annual visits from local actuaries and enhance community within our majors with a student club focused on actuarial science.

## Meet Melanie

**Hometown:** Mocksville, N.C.

**Major:** Actuarial science

**Minor:** Economics and finance

**Post-graduation plans:** Fichialos will be in the global automotive finance rotation program as a financial analyst for the tech company TE Connectivity. She will have three, year-long assignments in various roles within the finance department. Fichialos' first rotation is in financial planning and analysis (FP&A), and her work will be focused on forecasting and analyzing trends. She will also be leveraging her statistics background by working with data visualization tools to make data more telling.

**How HPU helped you get there:** "HPU gave me the tools to succeed in the workforce by teaching me the hard skills needed to land the job, but more importantly, by teaching me the life skills to be a confident, determined, articulate, young woman. I was blessed with so many mentors who helped me hone in on what job would be the perfect blend of my talents and passions, which made such a difference when answering the question "Why you?" during the interview process."



For more information about HPU's Actuarial Science Program, contact: