

# POST BACCALAUREATE CERTIFICATE IN STATISTICS

## WHO CAN APPLY?

Anyone with an undergraduate degree with at least one statistics course and a strong desire to acquire advanced data analysis skills



STATISTICIAN  
#3  
Best Business  
Job

– US News & World Report 2022  
<https://money.usnews.com/careers/best-jobs/statistician>

## REQUIREMENTS (12 CREDITS)

- STA 661 Advanced Statistics in the Behavioral and Biological Sciences I
- STA 662 Advanced Statistics in the Behavioral and Biological Sciences II  
and
- Two additional 500 level or above STA courses



UNC  
**GREENSBORO**  
Department of  
Mathematics & Statistics

For more information, go to:

[mathstats.uncg.edu/graduate/post-baccalaureate-certificate-in-statistics/](https://mathstats.uncg.edu/graduate/post-baccalaureate-certificate-in-statistics/)  
Or contact Dr. Haimeng Zhang at [h\\_zhang5@uncg.edu](mailto:h_zhang5@uncg.edu)

# WANT TO BE AN ACTUARY?



## WHO CAN APPLY?

- Bachelors in mathematics, statistics, computer science, business, finance, or other quantitative fields
- Students interested in pursuing a career as an actuary and preparing for actuarial exams



## INTERESTED?

- Get started with our Masters with a Concentration in Actuarial Mathematics
- Manage risk with a combination of business expertise, analytical skills, and knowledge of human behavior

# #1

**Best Jobs of 2015**  
– Business Insider

<http://www.businessinsider.com/best-jobs-of-2015-2015-4>



High demand professional opportunities with competitive salary in insurance/reinsurance companies, consulting firms, and government

For more information, go to  
**[mathstats.uncg.edu](http://mathstats.uncg.edu)**  
[/graduate/actuarial/](http://mathstats.uncg.edu/graduate/actuarial/)

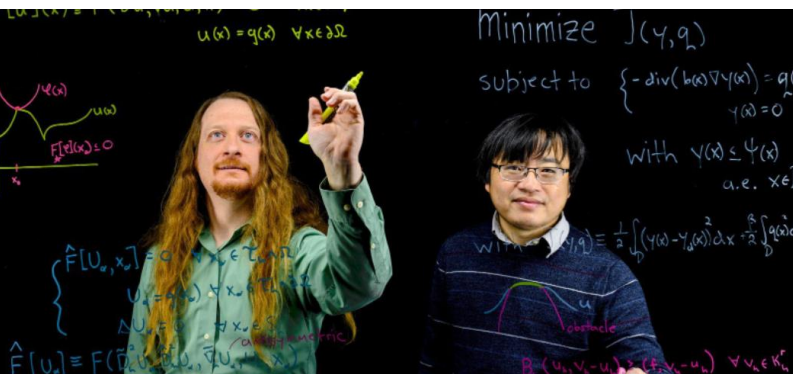


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# WANT TO BECOME AN EXPERT IN DATA ANALYTICS?

## Get started with our Masters with a Concentration in Data Analytics



### WHO CAN APPLY?

- Bachelors in mathematics, statistics, computer science, business, finance, or other quantitative fields
- Students interested in pursuing a career in data analytics



For more information, go to  
**mathstats.uncg.edu**  
/graduate/data-analytics/

## One of the fastest growing jobs in the USA

-US Bureau of Labor Statistics

<https://www.bls.gov/ooh/fastest-growing.htm>

High demand professional opportunities with competitive salary in finance, social networking, health sciences, auto industry, sports, and government.



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## UNCG offers the following BA and BS Degrees:

- Get excellent preparation for graduate studies in many areas, including computer science, economics, engineering, law, mathematics, operations research, and statistics.
- Develop analytical skills and gain the ability to excel in a problem-solving environment.
- Take advantage of the many opportunities afforded to math majors in industry, actuarial sciences, government, business, and teaching!
- Increase your marketability within professional graduate schools such as business, law, or medicine!

- **BA in Mathematics**

For more information, contact  
Dr. Sebastian Pauli  
*Director of Undergraduate Studies*  
Office: Petty 145  
Email: [s\\_pauli@uncg.edu](mailto:s_pauli@uncg.edu)

- **BS in Mathematics**

For more information, contact  
Dr. Sebastian Pauli  
*Director of Undergraduate Studies*  
Office: Petty 145  
Email: [s\\_pauli@uncg.edu](mailto:s_pauli@uncg.edu)

- **BS in Mathematics with  
Statistics Concentration**

For more information, contact  
Dr. Haimeng Zhang  
*Statistics Coordinator*  
Office: Petty 139  
Email: [h\\_zhang5@uncg.edu](mailto:h_zhang5@uncg.edu)

## US News & World Report Best Jobs 2022

- #3** Data Scientist Best Tech Jobs
- #3** Statistician Best Business Jobs
- #7** Actuary Best Business Jobs
- #18** Mathematician Best Business Jobs

## Scholarships

The Mathematics & Statistics Department distributes thousands of dollars in scholarships to our undergraduate majors every year.

For more information, go to

**[mathstats.uncg.edu](http://mathstats.uncg.edu)**



# Graduate Assistantship

**\$18,000 + tuition  
waivers**

Summer Support &  
Scholarship are often  
available



# UNCG offers an MA in Mathematics with concentrations in

- Actuarial Mathematics
- Data Analytics
- Mathematics
- Mathematical Foundations of Data Science
- Mathematical Statistics
- Teaching College Mathematics

For more information, contact  
Professor Jonathan Rowell at [jtrowell@uncg.edu](mailto:jtrowell@uncg.edu)  
or go to [mathstats.uncg.edu](http://mathstats.uncg.edu) • [grs.uncg.edu](http://grs.uncg.edu)

# Application Deadlines

**Spring**

**November 15<sup>th</sup>**

**Fall**

**July 1<sup>st</sup>**

**Assistantship**

**March 15<sup>th</sup>**



# UNCG offers a PhD Program in Computational Mathematics



## Mathematics Track

- Combinatorics
- Control Theory
- Differential Equations
- Geometric Group Theory
- Mathematical Biology
- Number Theory
- Numerical Analysis
- Topology

## Statistics Track

- Design of Experiments
- High Dimensional Data Analysis
- Nonparametric and Robust Methods
- Sampling
- Spatial Statistics
- Statistical Genetics

**Graduate Assistantship:  
\$18,000 + tuition waivers**

Summer Support & Scholarship are often available

**Application & Assistantship Deadline:  
March 15th**

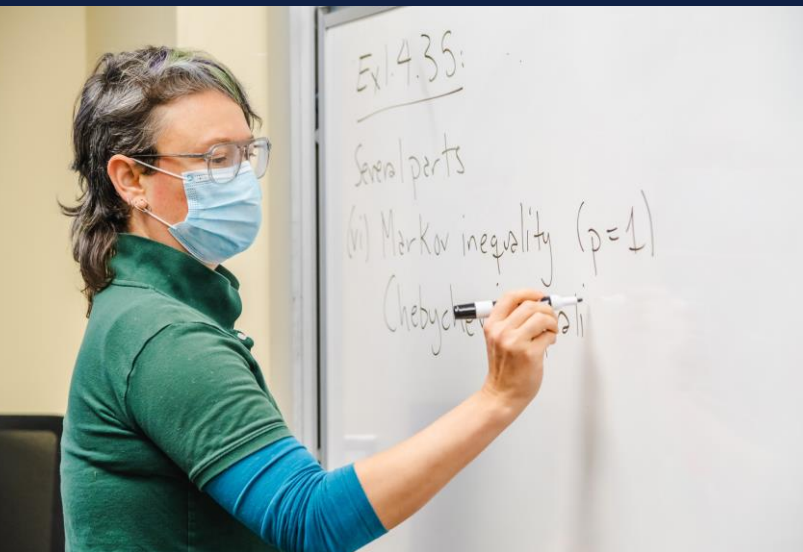
For more information, contact Professor Jonathan Rowell at [jtrowell@uncg.edu](mailto:jtrowell@uncg.edu) or go to [mathstats.uncg.edu](http://mathstats.uncg.edu) or [grs.uncg.edu](http://grs.uncg.edu)





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# UNCG offers an Accelerated 4 + 1 Degree Program

Earn up to 12 hours credit towards a Master's degree while you earn your Bachelor's degree.

- Earn a Master's degree in one additional year at UNCG.
- Save money by having your courses count toward both a Bachelor's and Master's degrees.
- Obtain a highly marketable degree and prepare for high-demand careers including jobs in industry, actuarial work, or teaching college mathematics.
- Ideal option for students interested in pursuing further study in a doctoral program.
- An advanced degree opens up new job opportunities and commands a higher salary.
- Focus on mathematics, applied statistics, teaching college mathematics, data analytics, or actuarial mathematics.

For more information contact

Dr. Dan Yasaki

*Director of Student Success*

Office: Petty 146

Email: [d\\_yasaki@uncg.edu](mailto:d_yasaki@uncg.edu)