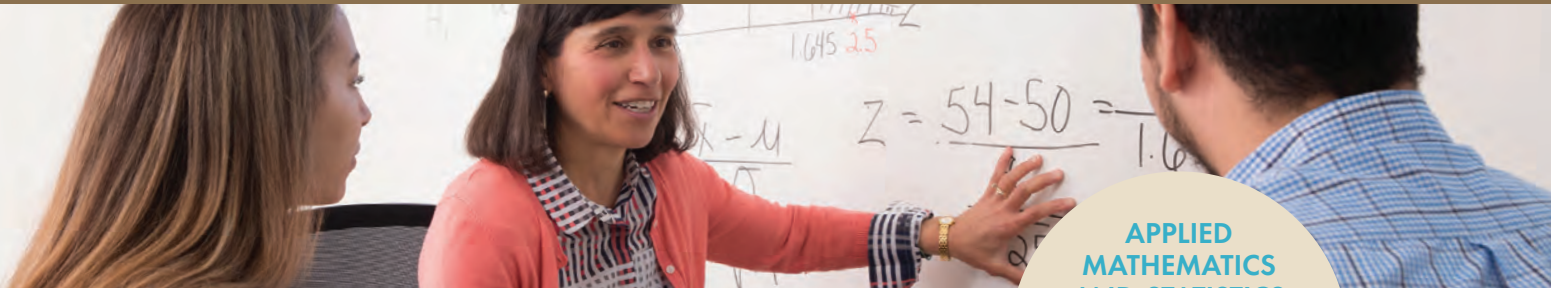
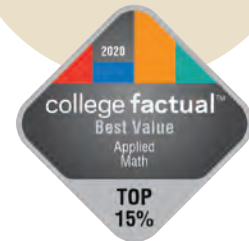


## APPLIED MATHEMATICS AND STATISTICS



APPLIED  
MATHEMATICS  
AND STATISTICS  
NO. 6

College Factual



### WHY STUDY **APPLIED MATHEMATICS AND STATISTICS** AT BRYANT?

*Learn from distinguished faculty who are accomplished educators and among the best analytical thinkers in the country.*

➤ Develop an understanding of mathematical and statistical concepts along with computer skills for business applications required to solve *real-world problems* by applying mathematical principles.

➤ Engage in supervised Applied Mathematics and Statistics, Applied Analytic, and Actuarial internships where you *apply theories and principles learned in the classroom*.

➤ *Earn your SAS Certificate in data mining*, a prestigious professional designation that establishes a competitive advantage.

#### **CHRISTOPHER BUCCHERI '18**

*Ph.D. Candidate in Statistics  
North Carolina State University*



**MAJOR:** Applied Mathematics and Statistics

**MINORS:** Biotechnology; Finance

**HOMETOWN:** Wethersfield, CT

**PATH:** Student Programming Board weekend programming co-chair; Student Senate; Class of 2018 representative on the Student Involvement Fee oversight board; treasurer of the Actuarial Association, Outdoor Adventure Club; Mixed Martial Arts Club; participated in the 2016 Summer Institute in Biostatistics at North Carolina State University; Research Assistant for the Bryant University Office of Planning and Institutional Research.

*“You will find no shortage of opportunities for exploration at Bryant. The support of my professors and the flexibility of the Mathematics program eased my decision to study Applied Math with a minor in Biotechnology. The rich diversity of student involvement allowed me to meet many different personalities and kept me engaged through my senior year.”*

## INSPIRING FACULTY

Our Applied Mathematics and Statistics faculty are award-winning educators, scholars, and dedicated mentors who have had success in the fields they teach and in research. They combine the latest theory with direct experience. These caring and supportive professors get to know you as an individual in our close-knit, student-centered community. You'll acquire knowledge, develop a global perspective, and hone skills highly valued by employers and graduate schools.

### THE APPLIED MATHEMATICS AND STATISTICS FACULTY INCLUDES:

- The chief statistician at Blue Cross & Blue Shield of Rhode Island
- The founding co-directors of the Advanced Applied Analytics Center
- The 2015 SAS Corporation Professor of the Year

“Our SAS® certification program draws the best and brightest students and opens many avenues of interesting and exciting career opportunities. Our alumni continually return to campus to emphasize and demonstrate the importance of SAS programming skills in their professional development.”

#### JOHN T. QUINN, Ph.D.

Professor of Mathematics  
Coordinator, Applied Mathematics and Statistics Program  
Bryant University

### Among Our Distinguished Faculty:



#### KRISTIN KENNEDY, Ph.D.

Professor of Mathematics

- Widely published on topics from teaching mathematics effectively to issues in accounting and healthcare.
- Educating Bryant students for more than 35 years.
- Recipient of numerous awards for service and leadership.

#### ANDREW JACCINO '15

Senior RPA Engineer  
Fidelity Investments, Boston, MA



**MAJOR:** Applied Mathematics and Statistics

**MINORS:** Business Administration; Finance

**HOMETOWN:** Ronkonkoma, NY

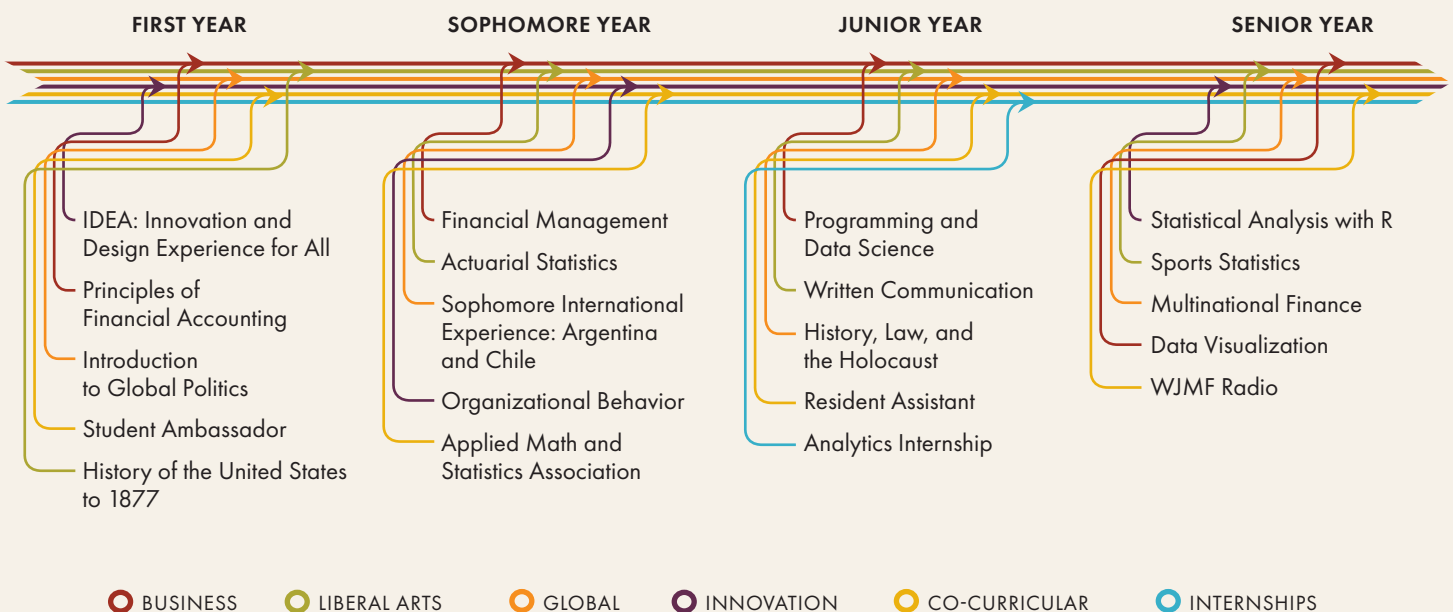
**PATH:** Procurement Intern, The Nature's Bounty Co.; Business Operations Analyst Intern, Delta Dental of RI; Special Olympics Volunteer; Collegiate Entrepreneurs' Organization; Intramural Sports; Studied Abroad in Florence, Italy; LEAP Development Program at Fidelity Investments following graduation.

“My Applied Math and Statistics courses helped pave the way for my career in data. Today, data is growing at an exponential rate and knowing how to successfully mine and utilize that information is extremely sought after. Learning how to use data to predict the future is pretty cool!”

## DESIGNED FOR YOUR SUCCESS

Bryant's innovative educational experience is focused on one central objective – preparing you for success. Bryant is recognized nationally for integrating business and the arts and sciences to provide students with a powerful combination of highly marketable skills. With a strong emphasis on experiential learning, your Bryant education will include opportunities for internships, consulting, participation in national conferences and competitions, social entrepreneurship, and study abroad. Bryant's inspiring and purposeful student life is designed to enhance your learning and real-world credentials.

Here's an abbreviated sample path to success:



### DÉBORA DE FREITAS MAGALHÃES '16

Master in Statistics Candidate at Federal University of Minas Gerais, Belo Horizonte, Minas Gerais, Brazil



**MAJOR:** Applied Mathematics and Statistics

**MINOR:** Business Administration

**HOMETOWN:** Belo Horizonte, Brazil

**PATH:** Graduated Summa Cum Laude; Volleyball Captain; Bryant nominee for NCAA Woman of the Year; Benjamin Banneker Academic Award recipient; SAS Institute Commencement Award; ICC Jim Thorpe Athletic Award; Bryant Senior Advisory Council; Special Olympics Volunteer; Math Tutor at ACE, Market Research Assistant for the Chafee Center; MIT Volleyball Assistant Coach; two-year Research Analyst for PointRight Inc. following graduation.

*“Choosing Applied Math and Statistics was a way of balancing analytics with my extensive list of interests. I love that our major has so many applications, whether it is healthcare, sports, or demographics. My SAS Certificate helped open doors after graduation, and it showed me the exciting possibilities of the Data Science world.”*



## WHAT SETS BRYANT'S PROGRAM **APART**?

### 1 SAS® Certification

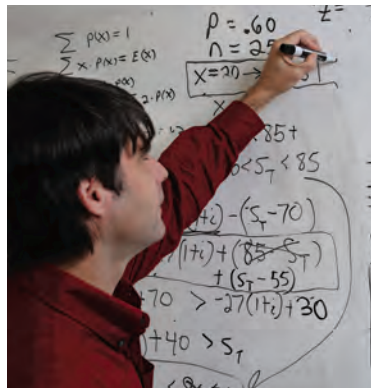
- Excel in today's data-driven environment at Bryant, one of only seven undergraduate universities worldwide to offer the SAS Certificate in data mining, by earning this prestigious professional designation.
- Qualify to earn SAS Certification by completing four SAS-based statistics courses in the major.

### 2 Meaningful Real-World Learning Experiences

- Develop critical research skills through coursework in topics such as Data Mining; Mathematical Interest Theory; Number Theory; Software Application; and Sports Statistics.
- Explore a topic by designing and conducting research in collaboration with a distinguished faculty expert.
- Immerse yourself in learning opportunities through internships with organizations such as Aetna; Children's Hospital Los Angeles; CVS Health; Fidelity Investments; and a Wish Come True.

### 3 Opportunities to Excel

- Work closely with faculty on collaborative Capstone research that you may present at regional and national conferences.
- Collaborate with other students interested in the field through the Bryant Advanced Applied Analytics Center. As a strategic resource for businesses and organizations that increasingly rely on analysis of big data to make effective decisions, the Center provides opportunities to network with potential employers.
- As an outstanding student, you may be inducted into Mu Sigma Rho, the National Statistics Honor Society.



## BRYANT APPLIED MATHEMATICS AND STATISTICS GRADUATES ARE IN DEMAND

*In business, government agencies, and nonprofit organizations including:*

- > AETNA
- > AMICA MUTUAL INSURANCE
- > BLUE CROSS BLUE SHIELD
- > CIGNA
- > CITIZENS FINANCIAL GROUP
- > CVS HEALTH
- > DELTA DENTAL
- > FIDELITY INVESTMENTS
- > JOHN HANCOCK FINANCIAL SERVICES
- > LIBERTY MUTUAL INSURANCE
- > NEIGHBORHOOD HEALTH PLAN OF RHODE ISLAND
- > USA FOOTBALL
- > WAYFAIR

*In leading graduate programs including:*

- > Brown University
- > Bryant University
- > Federal University of Minas Gerais Belo Horizonte
- > North Carolina State University
- > University of Michigan
- > University of Notre Dame

To learn more about Applied Mathematics and Statistics or other programs at Bryant, please contact:

**Office of Admission** • (401) 232-6100 • (800) 622-7001 • [admission@bryant.edu](mailto:admission@bryant.edu)