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.
   - Immerses 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
- CV 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
- Bala Horizonte
- North Carolina State University
- University of Michigan
- University of Notre Dame

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- 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 BUCHERI ’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 2016 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.

“Will you 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.”

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Office of Admission • (401) 232-6100 • (800) 622-7001 • admission@bryant.edu

Visit admission.bryant.edu and click on Academics
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
Fidelity Investments, Boston, MA
Senior RPA Engineer
ANDREW JACCINO ’15

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 25 years.
• Recipient of numerous awards for service and leadership.

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 Chelsea Center, MIT Volleyball Assistant Coach; two-year Research Analyst for Pointflight 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.”

“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!”

“IDEA: Innovation and Design Experience for All
Principles of Financial Accounting
Introduction to Global Politics
Student Ambassador
History of the United States to 1877

Financial Management
Actuarial Statistics
Sophomore International Experience: Argentina and Chile
Organizational Behavior
Applied Math and Statistics Association

Programming and Data Science
Written Communication
History, Law, and the Holocaust
Resident Assistant
Analytics Internship

Statistical Analysis with R
Sports Statistics
Multinational Finance
Data Visualization
WJMF Radio”

DESIRED 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:

FIRST YEAR
Sophomore Year
Junior Year
Senior Year

• BUSINESS
• LIBERAL ARTS
• GLOBAL
• INNOVATION
• CO-CURRICULAR
• INTERNSHIPS

APPLIED MATHEMATICS AND STATISTICS
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    Professor of Mathematics
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    - Educating Bryant students for more than 25 years.
    - Recipient of numerous awards for service and leadership.

**THE FOUNDING CO-DIRECTORS OF THE ADVANCED APPLIED ANALYTICS CENTER**

- DÉBORA DE FREITAS
  - 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 Choffle Center, MIT Volleyball Assistant Coach; two-year Research Analyst for Firstflight Inc. following graduation.

- ANDREW JACCINO ’15
  - Major: Applied Mathematics and Statistics
  - Minor: 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 Intern; Intramural Sports; Studied Abroad in Florence, Italy; LEAP Development Program at Fidelity Investments following graduation.

- JOHN T. QUINN, Ph.D.
  - Professor of Mathematics
  - Coordinator, Applied Mathematics and Statistics Program
  - Bryant University

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**SOPHOMORE YEAR**

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- Organizational Behavior
- Applied Math and Statistics Association

**JUNIOR YEAR**

- Programming and Data Science
- Written Communication
- History, Law, and the Holocaust
- Resident Assistant
- Analytics Internship

**SENIOR YEAR**

- Statistical Analysis with R
- Sports Statistics
- Multinational Finance
- Data Visualization
- WJMF Radio

**BUSINESS**

- Executive Assistant to the President
- Program Director, Event Planning
- Human Resources Coordinator
- Marketing Manager

**GLOBAL**

- World Cultures and Languages
- International Business
- Global Economics
- Comparative Politics

**INNOVATION**

- Entrepreneurship and Innovation
- Sustainability and Environmental Science
- Creative Arts and Technology
- Data Science and Analytics

**CO-CURRICULAR**

- Finance and Economics Club
- Accounting and Finance Club
- Mathematics and Statistics Club
- Bryant Business Association

**INTERNSHIPS**

- Summer Intern, Goldman Sachs
- Intern, J.P. Morgan
- Intern, Morgan Stanley
- Intern, Blackstone Group

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