

DATA SCIENCE



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WHY STUDY **DATA SCIENCE** AT BRYANT?

Our program, developed with the insights of industry experts, combines programming, statistics, machine learning, big data management, and business domain knowledge.

- Develop well-rounded skills to *effectively execute the analytics/big data lifecycle*—from problem definition to data acquisition and analysis and from discovery of actionable insights to impactful presentation of results.
- Engage in applied learning through *execution of real-world projects* in the classroom and through *capstone projects* and *internships and co-ops*.
- Be well-prepared for certification in Python, Databrick, Tableau, Teradata, Blockchain, and other data and analytic applications.

JILLIAN DONLON '19

Risk Assurance Associate
PwC
Boston, MA



MAJOR: Data Science

MINORS: Political Science, Media and Cultural Studies

HOMETOWN: Westwood, MA

PATH: Honors program; Beta Gamma Sigma, international business honor society; Sophomore International Experience to Malaysia and Singapore; Student Alumni Association, Membership Director; first place in Bryant's 2017 Fidelity Data Analytics Research Competition; International Digital Coordinator intern, Hasbro; Information Services Intern, FM Global.

“Studying Data Science at Bryant, I gathered a comprehensive set of skills from big data storage, wrangling, modeling, and visualization to project management and programming. The program connected me with impactful and motivational data science mentors and resources that secured my internships and post-grad full-time job.”

INSPIRING FACULTY

Our esteemed faculty include award-winning educators and mentors who have had success in research and the fields they teach. They include data scientists working in the field, consultants to businesses, a SAS® Educator of the Year, and experts who hold advanced degrees in analytics.

THE DATA SCIENCE FACULTY INCLUDES:

- The founding co-directors of Bryant's Advanced Applied Analytics Center, a regional beacon for analytics.
- The International Association for Computer Information Systems (IACIS) Computer Educator of the Year for 2017.
- The SAS Educator of the Year for 2015.
- Researchers in the fields of social media, blockchain, machine learning/deep learning, Internet of Things, IT innovation, and others.

This new Data Science program reflects the demands of the 21st century workforce. Its interdisciplinary nature, including the rich experiential component, aligns perfectly with Bryant's strengths and innovative culture.

GLENN SULMASY, J.D., LL.M.

Provost and Chief Academic Officer
Bryant University

Among Our Distinguished Faculty:



RICHARD GLASS, PH.D.

Professor, Information Systems and Analytics

- Founding Co-Director of Bryant's Advanced Applied Analytics Center
- Coordinator, Data Science Program
- Co-Coordinator Applied Analytics Concentration
- Expert resource for applied analytics, data mining, and predictive analytics
- Recipient of both Bryant University and Faculty Federation outstanding service awards

LIAM THEIS '19

Data Analyst
AAA Northeast
Providence, RI



MAJOR: Data Science

MINOR: Business Administration

HOMETOWN: Montague, MA

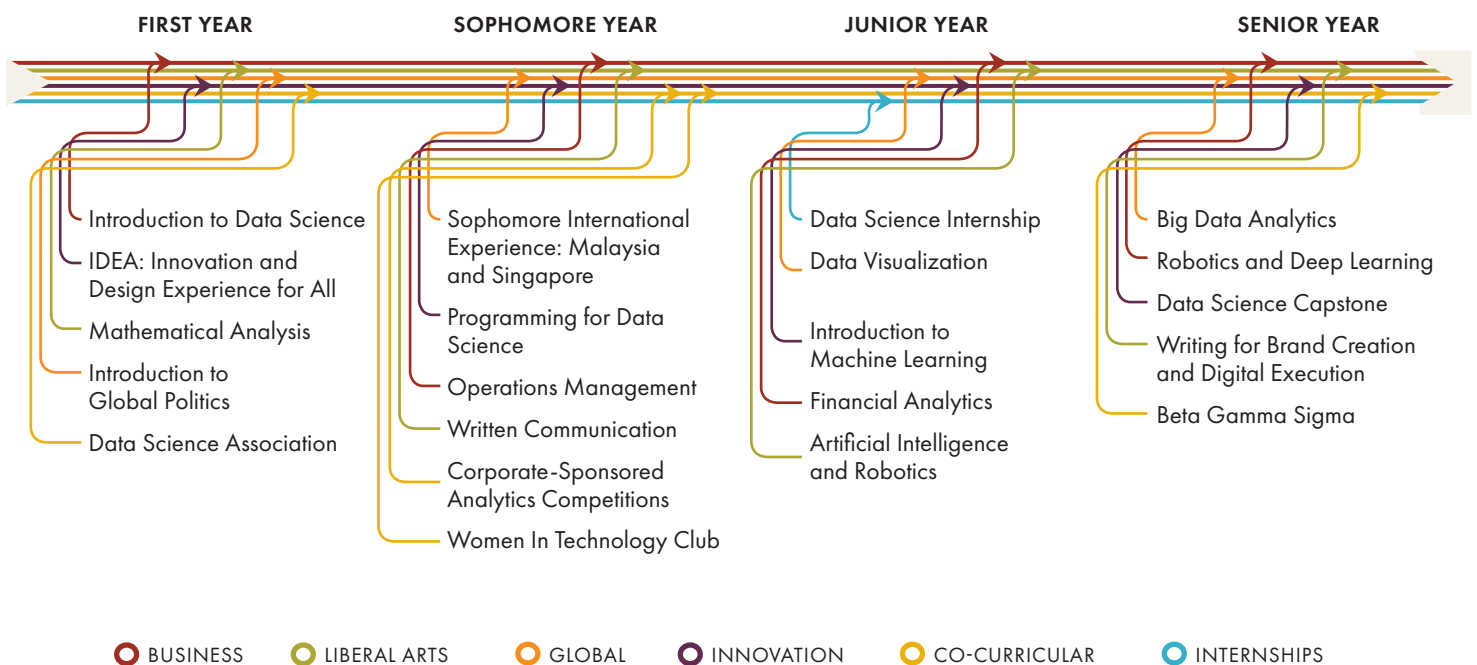
PATH: Director of Technology at Bryant's WJMF radio; Data Science Association founding member; Senior Audio/Visual Student Manager for Bryant's AV Department; Vice President of the Bowling Team; Sophomore International Experience to Malaysia and Singapore; first place in the ARCHIBUS Asset Management Case Competition; IT internship with CAIA Association; CSG Executive Intern, Court Square Data Group.

"The world is changing due to the massive amount of data being generated. Bryant allowed me to distinguish myself from other colleges' Data Science students and build my perspective from that of a business person. Combining business with training in big data, I can be on the forefront of the most important revolution to all industries in the 21st century."

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:



BREANNA TULIG '20

Analytics Reporting and
Technology Intern
FM Global, Johnston, RI



MAJOR: Data Science

MINORS: Business Administration,
Biotechnology

HOMETOWN: Somerville, MA

PATH: Data Science Intern at FM
Global through Bryant's Data Science
Co-op program; Strategy Intern
at RTN Federal Credit Union; Alpha
Omicron Pi; Habitat for Humanity;
GAMMA; Data Science Association;
Women in Technology Club.

*"In a world of expanding data,
the Data Science Program
has given me a solid foundation
of skill sets and the ability to
stand out in my applications to
internships and jobs."*



BRYANT DATA SCIENCE/ INFORMATION SYSTEMS GRADUATES ARE IN DEMAND

In business, government agencies, and nonprofit organizations including:

- > AMICA
- > AMAZON
- > BLUE CROSS/BLUE SHIELD OF RHODE ISLAND
- > BOSE
- > CARE NEW ENGLAND
- > CVS
- > DELL EMC
- > DELTA DENTAL
- > etfile
- > FIDELITY INVESTMENTS
- > FM GLOBAL
- > GARTNER, INC.
- > GLOBAL PARTNERS LP
- > HASBRO
- > IGT: INTERNATIONAL GAME TECHNOLOGY
- > LIFESPAN
- > ORACLE
- > PREDICTIVE INDEX
- > PwC
- > SQUADLOCKER
- > STATE STREET
- > TEXTRON
- > THE HARTFORD
- > UNITEDHEALTH GROUP

In leading graduate programs including:

- > Bentley University
- > Massachusetts Institute of Technology
- > University of Connecticut
- > Worcester Polytechnic Institute

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

1 Distinctive Real-World Learning Experiences

- Engage with local offices of global corporations, where your full-time employment is counted as a full semester of classwork.
- Apply theories learned in the classroom from faculty with analytics advanced degrees, data scientists consulting and working in the industry, and a SAS® educator of the year in faculty-supervised internships.
- Immerse yourself in a capstone project where you are a consultant helping local companies solve real-life data problems.



2 Earn Recognition and Credentials



- Prepare for industry-recognized certifications in the data science field.
- Build your own professional network through Bryant's Advanced Applied Analytics Center conferences and events.

3 Opportunities for Leadership and Involvement

- Participate in clubs such as the Data Science Association that prepare emerging leaders through activities and competitions.
- Network with successful alumni who are leaders in their fields.

To learn more about Data Science or other programs at Bryant, please contact:

Office of Admission • 401.232.6100 • 800.622.7001 • admission@bryant.edu