Big data is everywhere. And with the global community finding more and more ways to use it, it’s no surprise that the field of data science is growing exponentially. However, despite an increasing need for qualified data scientists, few graduate programs provide comprehensive study in this burgeoning field. In fact, there is only one that prepares students in the three key areas of topological data analysis, machine learning and statistics.

The Master of Science in Data Science at the University at Albany is unlike any other data science program in the world. Recognizing the increasing need for well-rounded data scientists, UAlbany has pioneered a deeper educational experience that raises the field’s bar. Led by a high-profile faculty carefully chosen for their in-demand expertise, the M.S. in Data Science is setting the standard of tomorrow’s data scientists.

“Machine learning can be challenging, but it’s such a benefit. I’m so grateful to have the extra knowledge.”  
Aminata Danjoko, M.S. in Data Science Graduate

Unlike other graduate programs in data science, UAlbany’s curriculum provides a comprehensive experience with focus in the three key areas of topological data analysis, machine learning and statistics. Our graduates are well rounded, ahead of the curve and highly in demand. Learn more at:  
https://www.albany.edu/graduate/data-science-ms-degree.php
WHY DATA SCIENCE @UALBANY?

Cost: Earn your master's degree from an exceptional program with tuition rates lower than those at most private universities.

Demand: Put yourself in high demand with skills applicable to virtually every industry with this STEM designated program.

Faculty: Learn from high-profile faculty carefully chosen for their sought-after expertise.

Location: Live in proximity to New York’s Tech Valley, and take advantage of numerous internship and job opportunities available within the public and private sectors of this innovative region.

Network: Gain access to an invaluable network of leading professionals in the field of data science.

Tools: Develop proficiency in the most current data science tools, including Python and R programming, TensorFlow, Ayasdi’s Mapper, Eirene and Ripser for TDA, and gain a deeper understanding of the mathematics behind them.

Universal: Experience a program that welcomes students from broad range of science and social science backgrounds, as well as mathematics.

“By providing a deep knowledge of mathematics, we train people to make decisions, not just to analyze software — and that makes us unique.”

Dr. Michael Steassin, Professor and Chair, Department of Mathematics and Statistics

A CAREER THAT CAN TAKE YOU ANYWHERE.

According to data site KDnuggets, the business of data science is expected to reach $16 billion by 2025. This isn’t a surprising figure considering the growing number of companies who are realizing its significance. Here is a list of the site’s top five industries in which to find a job in data science:

Data Scientist Ranked Best Job in America

Glassdoor

Data Science Fast Facts

2019-20 Yearly Tuition & Fees

$20,449

Complete Your Degree in As Little as One Year

36 Credits

$110,000

Median Base Salary of a Data Scientist

Glassdoor

140-190K

Estimated Shortage of Data Scientists by 2018

McKinsey & Company

88% of Data Scientists are happy or very happy in their job

CrowdFlower

1.7 Megabytes of New Information will be created every second by every human being by 2020

Forbes

Apply Online

The Graduate School at the University at Albany offers an online step-by-step guide to the application process. This resource provides detailed information for both domestic and international students, and includes forms, deadlines, requirements and fees.

www.albany.edu/graduate/apply

For more information For more information on the M.S. in Data Science, visit https://www.albany.edu/graduate/data-science-ms-degree.php or contact Boris Goldfarb, Director, at bgoldfarb@albany.edu or (518) 442-4633.

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