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 DANIOKO, M.S. IN DATA SCIENCE GRADUATE

UNIQUE. COMPREHENSIVE. IN DEMAND.

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 Rips 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 STESSIN, 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:

- Biotechnology
- Energy
- Quality Control and Source Inspection
- Transportation
- Telecommunications

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.