Data Science

A partnership between UW-Extension and six University of Wisconsin campuses, the UW Master of Science in Data Science is a smart choice for busy adult learners who want to advance their careers while balancing work, family and other commitments.

Convenience

Each course is three credits. Because all classes are fully online, students can complete the program from home, studying at the time of day that's most convenient. Admission to the program requires a bachelor's degree and a 3.0 GPA. Aptitude tests, such as the GMAT and GRE, are not required.

Careers

With a shortage of data scientists, the employment outlook for professionals with the required skills and knowledge is extremely positive. The McKinsey Global Institute states that U.S. demand for deep analytical talent could be 50 to 60 percent greater than its projected supply by 2018. The result may be a shortage of 140,000 to 190,000 people with deep analytical skills as well as 1.5 million managers and analysts to analyze big data and make decisions based on their findings, the McKinsey Global Institute concludes.

Career opportunities include working within healthcare systems to identify at-risk patients and intervene sooner, police departments using collected data to predict crime and stop it before it starts and helping retailers to better forecast inventory and optimize supply-chain efficiency, along with many other fields.

Faculty

The UW Master of Science in Data Science curriculum is designed and taught by distinguished faculty from six UW System campuses, bringing you diverse expertise from some of the top experts in the state.

Affordability

Whether you live in Wisconsin or not, tuition is a flat fee of $825 per credit (36 credits total). Compare this with other adult online degree options and see why the UW Master of Science in Data Science program offers you more than a degree – it's a University of Wisconsin education you can afford.

Curriculum

The UW Master of Science in Data Science offers a rigorous curriculum grounded in computer science, math and statistics, management and communication.

Program Highlights

The 12-course, 36-credit program will provide graduates with the knowledge to clean, organize, analyze and interpret unstructured data, deriving knowledge and communicating discoveries clearly to stakeholders. Organizations in nearly every industry are racing to hire qualified professionals with the skills to transform big data into big insights and better decisions. By uncovering insights hidden within large and complex data sets, organizations in nearly every industry can solve problems and seize opportunities they never knew existed.

This program is a collaborative effort of University Wisconsin - Extension, UW-Eau Claire, UW-Green Bay, UW-La Crosse, UW-Oshkosh and UW-Superior.

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