

Master of Science in Data Science

The Master of Science in Data Science is a 12-course, 36-credit online master's degree in the fast-growing field of data science. The program is the first online master's degree in data science offered in the UW System. Designed with input from industry leaders, it offers a rigorous, multidisciplinary curriculum grounded in computer science, math and statistics, management, and communication. Students learn how to clean, organize, analyze, and interpret large and complex data sets using the latest tools and analytical methods. Students in the program enjoy affordable tuition that compares favorably to competing graduate programs from other institutions. Like other collaborative online University of Wisconsin programs, students pay the same tuition whether they live in Wisconsin or out-of-state.

Goals:

- Harness the power of large and complex data sets
- Use the latest tools and analytical methods
- Enjoy the flexibility of online courses
- Engage with expert University of Wisconsin faculty
- Pay the same affordable tuition, in or out of state
- Graduate from an institution employer's respect
- Prepare to take your career to the next level

Where you'll find our grads

This degree can be the foundation for a variety of positions, including:

- Data scientist
- Data or research analyst/manager
- Data warehouse architect
- Enterprise strategy consultant
- Business intelligence manager/analyst
- Hadoop engineer
- Market intelligence

analyst/manager

Prepared for Success

The Master of Science in Data Science degree is intended for students with a bachelor's degree in math, statistics, analytics, computer science, or marketing; or three to five years of professional experience as a business intelligence analyst, data analyst, financial analyst, information technology analyst, database

administrator, computer programmer, statistician, or other related position. Opportunities abound for data science professionals in virtually every sector: manufacturing, construction, transportation, warehousing, communication, science, health care, computer science, information technology, retail, sales, marketing, finance, insurance, education, government, law enforcement, security, and more. Data science is a fast-growing field and demand is high for professionals with the skills to transform large and complex data sets into actionable information and competitive advantage. A UW-Eau Claire Master of Science in Data Science degree will teach you how to clean, organize, analyze, and interpret unstructured data, deriving knowledge and communicating your discoveries clearly using sophisticated visualization techniques and other means.

Special Admission Guidelines

Admission to the Master of Science in Data Science program requires:

- A bachelor's degree and a cumulative grade point average (GPA) of 3.0. Official college transcripts are required. Students with a GPA of less than 3.0 may be considered for a provisional admission. Please contact an enrollment adviser for more information—see contact information below.
- Prerequisite coursework in elementary statistics, introductory computer programming, and

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introduction to databases. Relevant work experience may be considered in lieu of this coursework. Please contact an enrollment adviser for details.

- Your resume
- Two letters of recommendation (can be professional or academic)
- A personal statement of up to 1,000 words describing the reasons behind your decision to pursue this degree and what you believe you will bring to the data science field. Space for the personal statement is included in the online application.
- No aptitude tests (GMAT, GRE) are required.

Send materials to:

Graduate Admissions UW-Eau Claire
Claire Schofield Hall 111 Eau Claire WI
54702-4004 admissions@uwec.edu

Ideal candidates hold a BS in math, statistics, analytics, computer science, or marketing, or have three to five years of professional experience as a business intelligence analyst, systems analyst, data analyst, financial analyst, information technology analyst, database administrator, market research analyst, computer programmer, statistician, or similar position.

Online Program Applicants: State of Residency Wisconsin is a SARA state (State Authorization Reciprocity Agreement) and the University of Wisconsin-Eau Claire is a SARA-approved institution. "The State Authorization Reciprocity Agreement is an agreement among member states, districts and territories that establishes comparable national standards for interstate offering of postsecondary distance education courses and programs. It is intended to make it easier for students to take online courses offered by postsecondary institutions based in another state." (<http://nc-sara.org/>) Although CA and MA are not SARA-approved states at this time, UW-Eau Claire may currently accept students from these states as well.

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