Data Science Certificate

The Graduate Certificate in Data Science will serve as an additional and early credential for Master of Science in Data Science degree-seeking students as well as a freestanding certificate program for non-degree (i.e. certificate-only) students who may or may not elect to pursue the full masters degree following completion of the certificate.

This program will help working professionals like management analysts, computer and information research scientists, statisticians, database administrators, computer systems analysts, market research analysts, marketing specialists and others who require increased competency in this specialty area. Please note, this program is 100% online.

Code	Title	Credits
Required Courses:		**9**
DS 701	Exploratory Data Analysis	
DS 705	Statistical Methods	
DS 710	Programming for Data Science	
Electives (choose 2 courses):		**6**
DS 716	Data Management for Data Science	
DS 730	Big Data: High-Performance Computing	
DS 740	Data Mining	
DS 750	Data Storytelling	
DS 770	Ethical Decision-Making Using Data	
DS 776	Deep Learning	
Total Credits		**15**

Admission Requirements

- Bachelor's degree from a regionally accredited institution.
- 3.0 grade point average. Applicants with a GPA of less than 3.0 may be considered for provisional admission.

How to Apply as a Graduate Special Student (non-degree seeking):

- UW System Application for Graduate Special Status: apply.wisconsin.edu
- Official transcript showing proof of a bachelor's degree sent to UWGB Admissions at uwgb@uwgb.edu directly from the institution that issued the degree. Note: students who completed their bachelors at UWGB do not have to submit official transcripts.
- A resume or CV.
- Prerequisite survey (https://uwgreenbay.ca1.qualtrics.com/jfe/form/SV_43pAC2VwLpZ3sJ7/)
- International students will also need to provide the following documentation:
  - A test of English proficiency (TOEFL or IELTS)
  - Course-by-course transcript evaluation from a professional evaluation service currently recognized by NACES (https://www.naces.org/). UWGB recommends one of the following evaluation services:
    - Educational Credential Evaluators (ECE) (https://www.ece.org/)
    - World Education Services (WES) (https://www.wes.org/)

How to Apply as a Current, UWGB Degree Seeking Graduate Student:

- Graduate Certificate Declare Form (https://www.uwgb.edu/graduate/student-resources/forms/)
- Prerequisite Survey (https://uwgreenbay.ca1.qualtrics.com/jfe/form/SV_43pAC2VwLpZ3sJ7/)

Progress to Completion

1. Candidate applies to the Data Science Certificate program by submitting the appropriate materials.
2. Candidate is admitted to the Data Science Certificate program by the UWGB Program Chair.
3. Student fulfills the program course requirements.
4. Students completing a graduate degree program at UWGB will have the certificate posted to their transcripts upon conferral of their graduate degree.
5. Students who are not completing a graduate degree may request certificate verification from the Office of Graduate Studies at gradstu@uwgb.edu.