

Graduate Certificate Data Science

Program Requirements:

A minimum of 12 credit hours are required for the degree program.

- The graduate certificate in Data Science is a four-course (12 credit-hours) program.
- It provides skills, both statistical and computational, and technologies for the growing and popular fields involving data science and analysis.
- All students must take two required courses and two electives.
- A minimum of three courses must be taken from UMSL. A maximum of two courses can be used from the 4000-level.
- Courses may be substituted with the permission of the certificate coordinator

Application Requirements:

1. [Online Graduate Application](#)
2. Statement of Purpose: A 1-2 page essay explaining your interest in the program and why you are a strong candidate.
3. Official transcripts from all universities attended. A Bachelor's degree is required.
4. Entrance examinations:
 - a. International Students must document English proficiency by providing scores from an internationally accepted standardized examination. See [International Admissions](#) for more information.
5. **Minimum GPA of 3.0 on 4.0 scale**
 - a. A minimum GPA of 3.0 on a 4.0 scale is required to be considered for regular admission.
 - b. A prior GPA below 3.0 will be considered on an individual basis for restricted admission.
 - c. Applicants must demonstrate proficiency in either analysis/design of algorithms, or basic statistics and introductory programming.

Application Deadlines:

Domestic Applicants: Fall - July 1 ◊ Spring - December 1 ◊ Summer - May 1

Applications submitted after the deadlines will be considered for admissions on a rolling basis until the beginning of the semester.

Application Fees:

\$50 for domestic applicants

\$40 for international applicants

Graduate Program Director:

Contact Dr. Cezary Janikow by janikowc@umsl.edu or by phone (314) 516-6352