DATA SCIENCE (ONLINE) (SADO)

Graduate Degree Program
College: Computer, Mathematical, and Natural Sciences

ABSTRACT

The Master of Science in Data Science provides students education in the theory and practice of data science including mathematical and statistical foundations, computational approaches, and communication considerations. In addition to the fundamentals of data science the program covers data science-relevant probability and statistics, algorithms, big data systems, machine learning, data mining, and analysis of networks. The program consists of 30-credit course work. It is a non-thesis program.

CONTACT

Science Academy
College of Computer, Mathematical, and Natural Sciences
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Email: scienceacademy@umd.edu
Phone: 301.405.9101

Website: https://cmns.umd.edu/graduate/science-academy/data-science/masters (https://cmns.umd.edu/graduate/science-academy/data-science/masters/)

ADMISSIONS

GENERAL REQUIREMENTS

- Statement of Purpose
- Transcript(s)
- TOEFL/IELTS/PTE (international graduate students (https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/))

PROGRAM-SPECIFIC REQUIREMENTS

- Letter of Recommendation (1 optional)
- CV/Resume
- Description of Research/Work Experience
- Prior Coursework: Prior coursework establishing quantitative ability (i.e. calculus, linear algebra, basic statistics etc.).
- Proficiency in programming languages: Proficiency in programming languages, demonstrated either through prior programming coursework or substantial software development experience.

Type of Applicant	Fall Deadline	Spring Deadline
Domestic Applicants		
US Citizens and Permanent Residents	June 14, 2024	N/A
International Applicants		
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants	March 15, 2024	N/A

RESOURCES AND LINKS:

Program Website: https://cmns.umd.edu/graduate/science-academy/data-science/masters (https://cmns.umd.edu/graduate/science-academy/data-science/masters/)
Application Process: www.gradschool.umd.edu/admissions (http://www.gradschool.umd.edu/admissions/)

REQUIREMENTS

- Data Science (online), Master of Science (M.S.) (https://academiccatalog.umd.edu/graduate/programs/data-science-online-sado/data-science-online-ms/)