

DATA ANALYTICS AND ARTIFICIAL INTELLIGENCE

MASTER OF SCIENCE (M.S.)

NSU Florida

At a Glance

- Earn a degree in 30 credit hours.

Program Formats

- Program is offered at the Fort Lauderdale/Davie Campus and online.

Program Highlights

- Receive quality instruction from CCE faculty members—all of whom hold Ph.D. degrees and are experts in their respective fields of research/application.
- Benefit from a unique mix of data analytics theory, tools, and real-world application that are applied to a variety of industrial environments and organizations.

Future Opportunities

Explore careers, such as

- analytics manager
- big data specialist
- data analyst
- data scientist
- IT systems analyst
- operations specialist
- research data scientist

Learn More
computing.nova.edu

Be the Go-To on Data Analytics

Are you a data-driven guru yet? We can help you get there. Incorporate and develop skills in creativity, vision, strategic planning, and technology for analytics and decision-making with the multi-format M.S. in Data Analytics and Artificial Intelligence program at NSU's College of Computing and Engineering.

Get the flexibility you need to continue your professional development with the options to attend in-person or online classes. Advance your knowledge in data analytics, database management, data warehousing, data mining, data visualization, forecasting, and predictive modeling, while blending theory and practice. Develop skills applicable to complex, real-world problems and organizations.

Get the NSU edge.

Learning Options

- Earn your degree in 12–14 months as a full-time student.
- Earn your degree in 16–24 months as a working professional.

Admissions Requirements

- online application (apply.nova.edu)
- \$50 application fee (nonrefundable)
- an earned bachelor's degree with a GPA of at least 2.5 from a regionally accredited institution and with an appropriate major
- sealed official transcripts from all institutions attended
- a résumé

International students should visit computing.nova.edu/admissions for additional requirements.



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MASTER OF SCIENCE (M.S.)

Curriculum | Total Credits: 30

DEGREE PROGRAM COURSES

Students take seven core courses covering the fundamentals of programming, data structures and algorithms, database systems, data warehousing, mining, analytics, and visualization.

Students select three additional courses specific to the program.

Core Courses		Credits
MSIT 501	Fundamentals of Programming, Data Structures, and Algorithms	3
MSIT 630	Database Systems	3
MMIS 642	Data Warehousing	3
MMIS 643	Data Mining	3
MMIS 671	Data Analytics and Artificial Intelligence	3
CISC 672	Data Visualization	3
MMIS 692	Data Analytics and Artificial Intelligence Project	3

Select Three Courses

ISEC 615	Fundamentals of Cybersecurity	3
MMIS 621	Information Systems Project Management	3
MMIS 623	Ethics in Computing	3
MMIS 644	UX Strategy for Social Media	3
MSIT 675	Deep Learning	3
CISC 685	Interaction Design	3

Curriculum is for the 2024–2025 academic year. This publication should not be viewed as a substitution for official program requirements and outcomes. A student is responsible for meeting the curriculum and program requirements in the student catalog that are in effect when the student enters the program.

Nova Southeastern University admits students of any race, color, sexual orientation, gender, gender identity, military service, veteran status, and national or ethnic origin. ■ Nova Southeastern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate's, baccalaureate, master's, educational specialist, doctoral, and professional degrees. Nova Southeastern University also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Nova Southeastern University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org). 24-04-088MCP

Admissions

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