

# DATA ANALYTICS

## MASTER OF SCIENCE (M.S.)

NOVA SOUTHEASTERN  
UNIVERSITY

**NSU**  
Florida

### At a Glance

- 10 courses | 30 credit hours

### Program Formats

- Fort Lauderdale/Davie Campus
- online

### Program Highlights

- Quality instruction from CCE faculty members—all of whom hold Ph.D. degrees and are experts in their respective fields of research/application.
- 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:

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

**Learn More**  
[computing.nova.edu](http://computing.nova.edu)

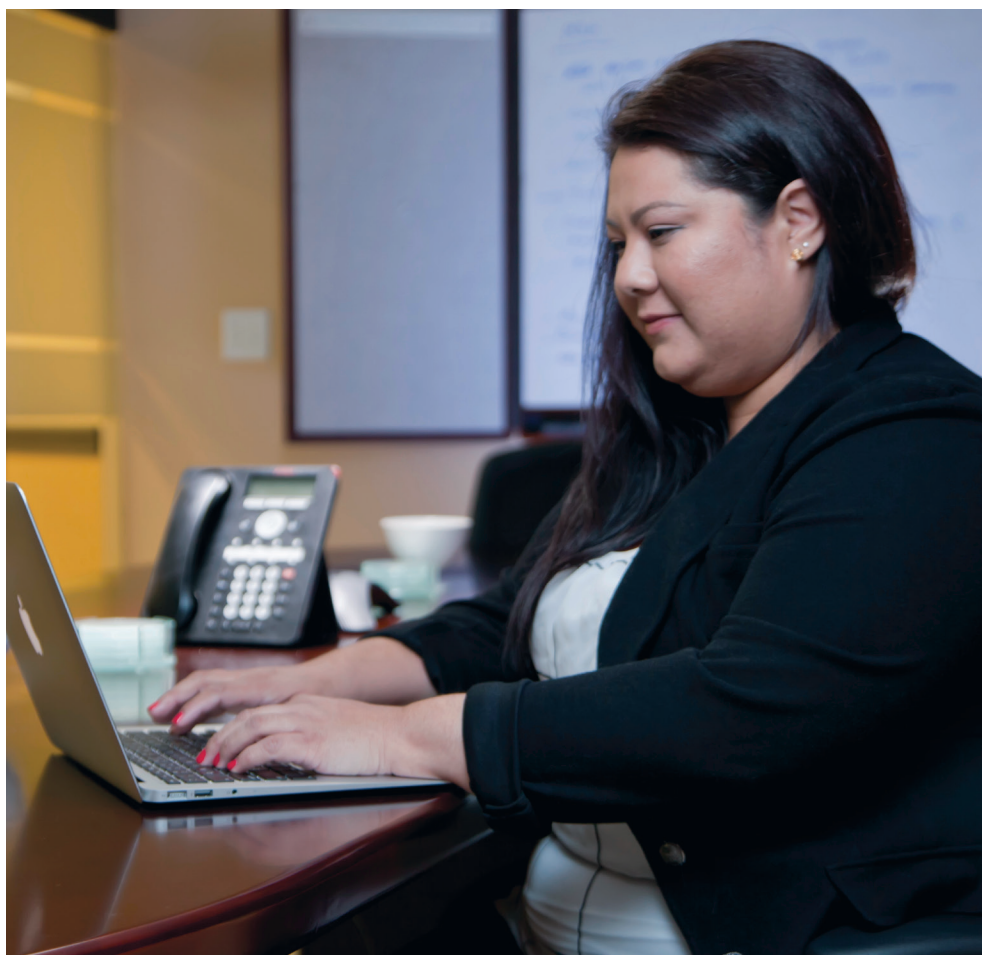
## Be the Go-To on Data Analytics.

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 Master of Science (M.S.) in Data Analytics program at NSU's College of Computing and Engineering (CCE).

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.

### 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.



# DATA ANALYTICS

## 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	3
CISC	672	Data Visualization	3
MMIS	692	Data Analytics 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
CISC	685	Interaction Design	3

#### ADMISSIONS REQUIREMENTS

- online application ([apply.nova.edu](https://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

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International students should visit [computing.nova.edu/admissions](https://computing.nova.edu/admissions) for additional requirements.

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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 to award associate's, baccalaureate, master's, educational specialist, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Nova Southeastern University. 03-005-20MCP

#### College of Computing and Engineering

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