



M.S. in Software Engineering

The M.S. in Software Engineering is designed for professionals who want to move beyond the simple view of software development as an exercise in programming. It covers the entire process of the software production cycle with an emphasis on design, development, user experience, quality assurance, management and maintenance of complex software systems.

WHAT TO EXPECT

Software Development Foundations

- Learn best practices across the full software development cycle and gain a solid understanding of software project management.

Technical Skills and System Design

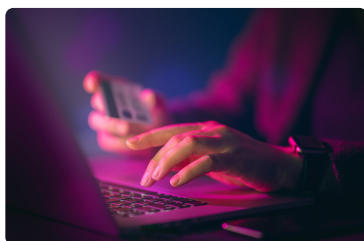
- Build hands-on experience with modern software tools and technologies while developing the ability to design reliable, secure, and user-focused software systems.

Specialized Application Areas

- Take courses in fields such as artificial intelligence, data science, cybersecurity, and mobile app development, with opportunities to deepen skills in database systems, data science/AI, and secure computing.

Industry Connections and Flexible Structure

- Benefit from a strong corporate network, innovation and entrepreneurship support for student ventures, and a program structure suitable for working professionals.



FAST FACTS



\$85-105k
Average
Salary



90%
Graduate
Job Ready



Up to 50%
Tuition
Waivers



10+
Faculty
Members



Not Required
GRE
Scores

- Closely-connected corporate network.
- Innovation and entrepreneurship support platforms for student ventures.
- Program suitable for working professionals.

APPLICATION AREAS

Our program teaches the fundamentals of the software development cycle while allowing students to excel in these areas:

- Artificial intelligence and machine learning
- Cybersecurity
- Cloud-based and mobile application development
- Data analysis and data science



UNIVERSITY OF MIAMI
COLLEGE of
ENGINEERING

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WHY CHOOSE THE U

- The University of Miami ranks #63 among U.S. universities, according to *U.S. News and World Report*.
- We maintain strong ties with tech companies across Florida, facilitating internships and job placements.
- Miami ranks #1 for startup activity in the U.S., according to the Kaufmann index.
- Miami is #3 among top emerging tech hubs in the U.S., according to *Mashable*.
- Our program offers evening classes to accommodate your schedule.
- No prior bachelor's degree in engineering required.

CORPORATE PARTNERS



“

I am grateful to be part of the M.S. in Software Engineering program at the University of Miami, where I have gained hands-on experience with cutting-edge technologies that are shaping the field. The program is equipping me with the skills and knowledge to pursue a fulfilling career.”

- Kelly Nair Rojas, '25



For more
information



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