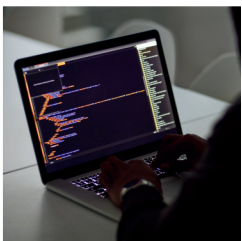# M.S. in Software Engineering

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

- **Best practices** of the software development cycle and the intricacies of software project management.

- **Hands-on experience** with cutting-edge software technologies and tools.

- **Competence in the design** of reliable, trustworthy, secure, and usable software systems.

- **Courses in application areas** including artificial intelligence, data science, cybersecurity, and mobile app development.

> **An MS in Software Engineering prepares you for leadership roles in the burgeoning software industry, where you can contribute to the development of future digital systems with the potential to impact the lives of billions."**
>
> - Craig Gotsman, Professor, Electrical and Computer Engineering

FAST FACTS

$110k Average Salary	**90%** Graduate Job Ready	**Up to 50%** Tuition Waivers
10+ Faculty Members	**Not Required** GRE Scores	**We are** STEM Certified

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

CURRICULUM FOCUS AREAS

Our program teaches the fundamentals of the software development cycle while allowing students to excel in these areas:
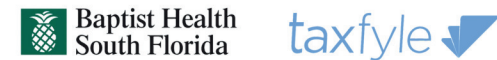
- **Database systems**
- **Data science / AI**
- **Cybersecurity**

WHY CHOOSE SOFTWARE ENGINEERING AT 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

Ryder Ever better.   SEQUOYA

CORAL GABLES THE CITY BEAUTIFUL   Analytic Partners   SmartHop

TUZ VENTURES   Epic   Motorola

Bloomberg   Office DEPOT

Baptist Health South Florida   taxfyle

COMPUTERAID   stryker

RoyalCaribbean INTERNATIONAL   Disney   eikon digital

> " I am grateful to be part of the MS 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, MS in SE, 2025

For more information

Nigel John
nigel.john@miami.edu