UNIVERSITY OF MIAMI
COLLEGE of ENGINEERING

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M.S. in Architectural Engineering

This program combines advanced engineering skills with scientific knowledge of the built environment. It focuses on integrating building systems and structural design, preparing students to address challenges in MEP systems, sustainable design, energy performance and construction management. The program is for students and professionals seeking to expand their expertise and tackle real-world projects with practical insight.

WHAT TO EXPECT

Master in-demand skills

- Specialize in structural engineering, sustainable design or advanced building systems, and gain the expertise to deliver innovative, efficient and precise solutions.

Drive research and innovation

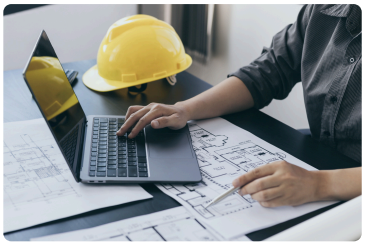
- Engage in hands-on projects in smart building technology, energy-efficient design and sustainable construction to advance knowledge and improve quality of life.

Learn with mentors who invest in you

- Thrive in small classes with one-on-one instruction, personalized career guidance and faculty support to grow as a leader and problem-solver.

Launch your career with confidence

- Graduate ready to lead in a rapidly evolving industry. With strong government and industry connections, you'll gain the skills, adaptability and network to succeed across diverse careers in architectural engineering.



FAST FACTS

$90K
Average Starting Salary

Multi-Disciplinary
Collaborative Projects

$4M+
2024 Research Expenditures

Thesis and Non-Thesis options available.

5-Year B.S./M.S. option available for qualified undergraduate students enrolled within the Civil and Architectural Department.

CAREER PATHS

- **Government and Public Sector**
- **Construction**
- **Real Estate Development**
- **Research and Academia**
- **Engineering and Architectural Services**

Let's Connect

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ACCESS TO UNIQUE FACILITIES

Advanced Cement Chemistry, Engineering, Sustainability, and Science (ACCESS) Lab
- Pioneering sustainable, durable concrete for the future of resilient infrastructure.

Heating, Ventilation, and Air-Conditioning and Sustainability Lab
- Equipping students with hands-on tools to design efficient, healthy buildings.

Advanced Infrastructure Materials Research Lab
- Creating nature-inspired, low-carbon materials for next-generation infrastructure.

Structures and Materials Lab (SML)
- Driving innovation in construction materials and testing for stronger, cost-effective systems.

Sustainable Materials and Resilient Infrastructure (SMARIN) Lab
- Developing eco-friendly, high-performance materials to reduce construction's environmental impact.

Sustainability Resiliency Adaptation Laboratory (SuReal)
- Advancing adaptive solutions for sustainability and climate resilience.

"I've had the ability to gain insight into the various areas of Architectural Engineering, all while receiving the requisite knowledge and skill set to excel in the field. In addition, I've received extensive support and guidance from some of the world's leading experts. The experience alone has molded me and has continued to be a pivotal part of my journey in becoming an engineer."

-Kyrah L. Williams, BSAE '16, MArch '18

For more information

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