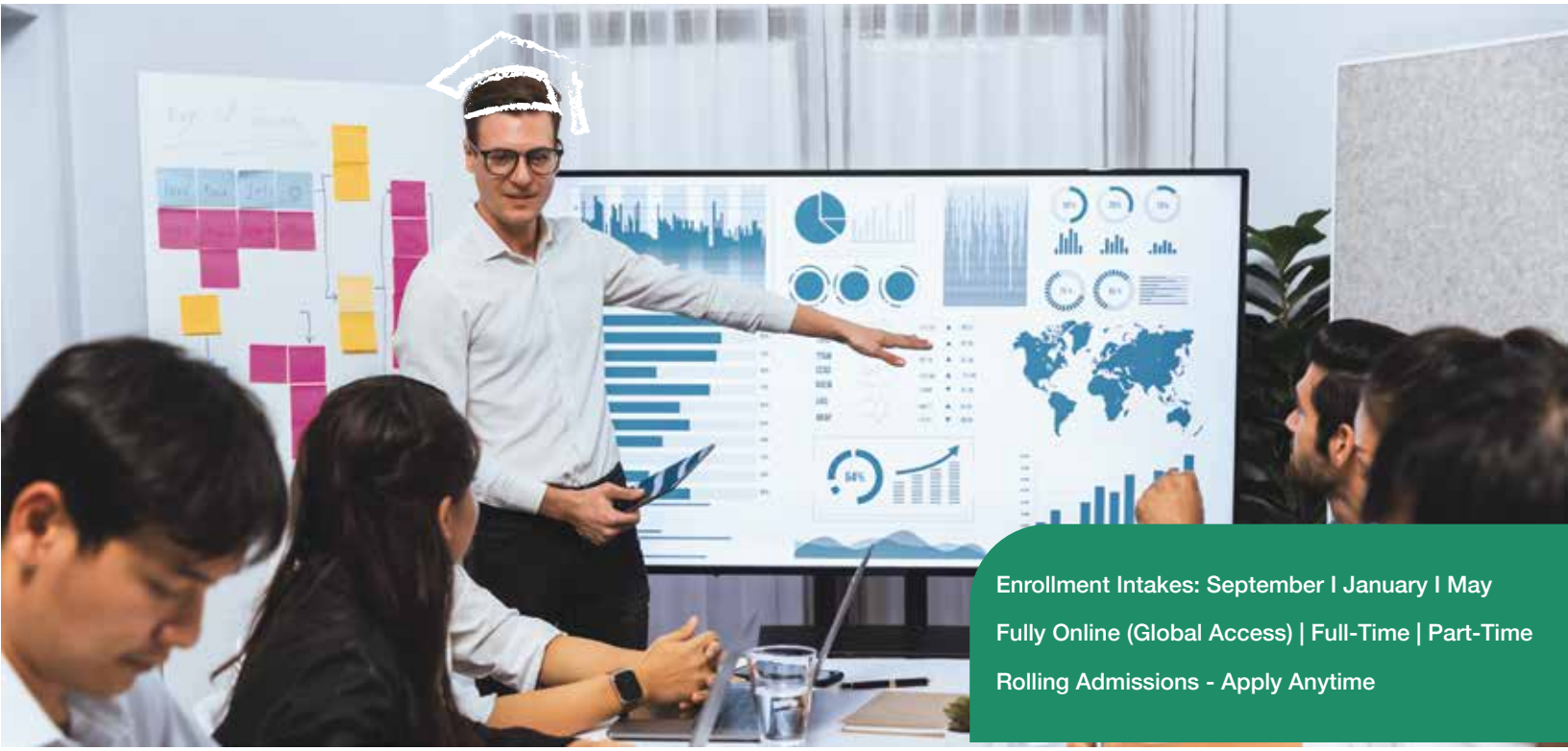
FLORIDA COASTAL UNIVERSITY
Empowering Minds | Inspiring Change

Take the next big step in your career journey.



Enrollment Intakes: September I January I May

Fully Online (Global Access) | Full-Time | Part-Time

Rolling Admissions - Apply Anytime

Master of Science in Computer Science - Internet of Things (IoT)

- Fully Online & Flexible Learning
- Industry-Aligned Specializations
- Global Business Curriculum
- Real-World Capstone Project
- Collaborative & Interdisciplinary Approach
- Career-Ready Skills in Leadership, Tech, & Analytics

www.floridacoastaluniversity.com

The Master of Science in Computer Science (MS) – Internet of Things at Florida Coastal University is an advanced, industry-relevant program designed to develop future-ready IoT and connected systems professionals. It blends in-depth technical expertise with practical applications to prepare students for today's fast-evolving, connected technology ecosystem.

Focused on embedded systems, smart devices, cloud integration, edge computing, and data analytics, the IoT specialization equips students to design, develop, and manage intelligent networks that bridge the physical and digital worlds. Graduates are prepared to lead in IoT development, smart automation, digital infrastructure, and technology-driven innovation with confidence and integrity.

Program Overview

The Master of Science in Computer Science - Internet of Things (IoT) program is structured as a 36-credit hour fully online degree that integrates foundational computer science knowledge with advanced specialization in IoT. It is designed to develop a comprehensive understanding of connected devices, embedded systems, cloud computing, sensor networks, and intelligent automation, while also addressing the ethical and practical implications of interconnected technologies in the modern world.

Students gain valuable exposure to real-world technology scenarios through coding labs, IoT-driven simulations, capstone projects, and interactive coursework - all delivered via a flexible, student-centered online platform.

The program includes:

- 12 credit hours of core courses
- 18 credit hours in a internet of things specialization
- 06 credit hours of capstone project work

Why choose this program?

- Focused on real-world IoT skills like embedded systems, smart device integration, and cloud-edge connectivity
- Combines advanced computer science, networking, and engineering knowledge with intensive hands-on labs
- Includes simulations, IoT labs, and capstone projects for practical, industry-focused experience
- Prepares you for technical and leadership roles in IoT development, smart systems, and digital transformation
- Builds problem-solving, decision-making, and analytical capabilities tailored to the IoT and emerging technology sector

Florida Higher Education

Creating Opportunities within State

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Why Florida Coastal University?

- **Approved:** Provisionally by the Commission for Independent Education (CIE), Florida
- **Affordable Tuition:** Designed for ambitious professionals, without financial burden
- **Work-Life-Academia Balance:** Learn at your own pace from anywhere in the world
- **Job-Aligned Curriculum:** Built for practical impact and career transformation
- **Global Network Access:** Connect with peers, alumni, and faculty across industries.

Career Pathways

Graduates of the Master of Science in Computer Science (MS) Internet of Things program are equipped with advanced technical expertise and industry-aligned skills that prepare them for a wide range of specialized career opportunities across technology-driven domains. Students can pursue the following roles:

- IoT Solutions Architect
- Embedded Systems Engineer
- Smart Automation Specialist
- IoT Data Analyst
- Connected Systems Integration Manager

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Curriculum Structure

- 12 credits of core business courses
- 18 credits in internet of things specialization
- 06 credits Capstone Project

Capstone Experience

The Capstone Seminar and Project are the culmination of the MSCS program. Students work on real-world IoT challenges or applied research aligned with their specialization. Deliverables include:

- Problem identification and technology review
- Design and integration of IoT-enabled hardware or system
- Functional testing and performance validation
- Faculty and peer feedback integration

Email us at

admission@floridacoastaluniversity.com

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The University is Provisionally Licensed by CIE and Exploring Accreditation Options