

**Take the
next big step
in your career journey.**



Enrollment Intakes: September | January | May
Fully Online (Global Access) | Full-Time | Part-Time
Rolling Admissions - Apply Anytime

Bachelor 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

The Bachelor of Science in Computer Science (BSCS) - Internet of Things at Florida Coastal University is an industry-relevant program designed to develop future-ready IoT and connected technology professionals. It blends core computer science knowledge with hands-on learning to prepare students for today's fast-evolving, technology-driven ecosystem.

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



Program Overview

The Bachelor of Science in Computer Science (BSCS) - Internet of Things program is structured as a 120-credit hour fully online degree that balances general education, core business knowledge, and advanced specialization. It is designed to foster a multidimensional understanding of the business world, from economic fundamentals and legal frameworks to digital innovation and global market dynamics. Students gain valuable exposure to real-world business scenarios through simulations, capstone projects, and interactive coursework—all delivered via a flexible, student-centered online platform. The program includes:

- 30 credit hours of general education
- 60 credit hours of core business courses
- 24 credit hours in a internet of things specialization
- 6 credit hours of capstone project work

Why choose this program?

- Focused on real-world IoT skills like embedded systems, smart device integration, and connected solutions
- Combines core computer science knowledge with hands-on IoT training
- Includes simulations, labs, and capstone projects for practical learning
- Prepares you for data-driven roles in IoT development, smart automation, and intelligent systems design
- Builds problem-solving, decision-making, and analytical capabilities tailored to the IoT and emerging technology sector



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**Creating
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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 Bachelor of Science in Computer Science (BSCS) Internet of Things program are equipped with interdisciplinary knowledge and industry-aligned skills that prepare them for a wide range of career opportunities across technology-driven domains. Students can pursue the following roles:

- IoT Solutions Architect
- Embedded Systems Developer
- Smart Automation Engineer
- IoT Data Analyst
- Connected Devices and Systems Integration Specialist



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Curriculum Structure

- General Education: (10*3=30 Credits)
- Core Business Courses: (20*3=60 Credits)
- Internet of Things Specialization: (8*3=24 Credits)
- Capstone Projects: (6 Credits)

Capstone Experience

The program concludes with a robust capstone experience where students:

- Identify real-world tech challenges
- Design and implement working solutions
- Present outcomes to industry mentors and faculty
- Build a project portfolio that showcases their skills and vision

Email us at

admission@floridacoastaluniversity.com



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