Take the
next big step
in your career journey.

Enrollment Start Dates : September I January I May

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

Admissions - Apply Anytime

Doctorate of
Computer Science (DCS) - 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, Technology, & Analytics

www.floridacoastaluniversity.com

The Doctor of Computer Science (DCS) - Internet of Things (IoT) at Florida Coastal University is a terminal, research driven program designed to develop technology leaders, innovators, and scholars capable of advancing the frontiers of computing. It blends rigorous research with applied innovation to prepare professionals for the complex, evolving demands of the digital age.

Focused on advanced computing architectures, artificial intelligence, data science, cybersecurity, and emerging technologies, the DCS program equips candidates to create innovative solutions, lead high impact research initiatives, and influence the future of technology strategy. Graduates are prepared to excel in senior leadership, academic, and research-intensive roles with confidence and integrity.

Program Overview

The Doctorate of Computer Science (DCS) - Internet of Things at Florida Coastal University is a 60 - credit, fully online terminal, research driven program designed to develop IoT architects, strategists, and scholars who integrate advanced IoT research with global digital transformation initiatives. It blends rigorous academic research with applied problem solving to prepare professionals for today's rapidly expanding connected ecosystem.

Focused on smart systems, IoT security, edge computing, and data-driven device networks, the DCS - IoT program equips candidates to create new architectures, influence IoT standards, and lead innovation for smart cities, healthcare, and industrial systems. Graduates are prepared to take on top leadership, consulting, academic, and research roles with confidence and integrity.

The program includes:

- 30 credit hours of Core Courses
- 18 credit hours of IoT Specialization Courses
- 12 credit hours of Dissertation Research

Why choose this program?

- Focused on advanced computing, research, and innovation across AI, data science, cybersecurity, and IoT
- Combines doctoral level research with real world applications to solve complex technology challenges
- Includes doctoral research seminars, residencies, and a dissertation addressing high impact computing problems
- Prepares you for leadership roles in research labs, technology organizations, and academia
- Builds analytical, problem solving, and research capabilities tailored to next generation computing and innovation

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Florida Higher Education

Why Florida Coastal University?

- **Approved:** Provisionally licensed by the Commission for Independent Education (CIE), Florida
- **Affordable Tuition:** Designed for ambitious professionals
- **Work-Life-Academic 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 and faculty across industries.
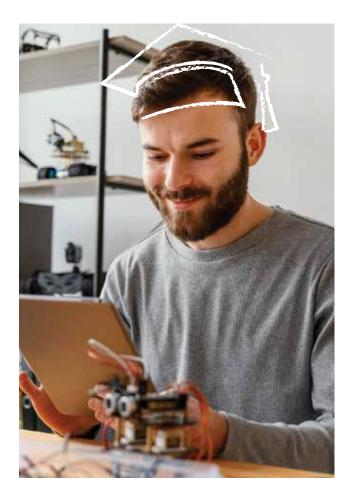
Career Pathways

Graduates of the DCS - Internet of Things program are equipped with advanced research expertise and IoT leadership capabilities that open doors to senior roles across industries. Depending on their career goals, Career paths for graduates with a DCS - Iot degree can include:

- IoT Solutions Architect / IoT Systems Director
- Chief IoT Officer / VP of IoT Innovation
- Business School Faculty or Academic Researcher in IoT
- IoT Cybersecurity and Policy Advisor
- Director of Smart Cities, Industrial IoT, or Edge Computing Programs

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Curriculum Structure

- 30 credit hours of Core Courses
- 18 credit hours of DCS - IoT Courses
- 12 credit hours of Dissertation Research

Dissertation Experience

The heart of the DCS program is the dissertation, where students:

- Identify a real world IoT challenge
- Conduct applied IoT based research
- Propose innovative IoT frameworks and architectures
- Defend their findings before a dissertation committee

Email us at
admission@floridacoastaluniversity.com

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