

**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 - Data Science

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) – Data Science at Florida Coastal University is an industry-relevant program designed to develop future-ready data science professionals. It blends core computer science knowledge with hands-on learning to prepare students for today's fast-evolving, data-driven ecosystem.

Focused on statistical modeling, machine learning, big data analytics, and data visualization, the Data Science specialization equips students to extract insights, build predictive models, and drive informed decision-making. Graduates are prepared to lead in analytics, artificial intelligence, business intelligence, and technology-driven entrepreneurial ventures with confidence and integrity.



Program Overview

The Bachelor of Science in Computer Science (BSCS) – Data Science 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 data science specialization
- 6 credit hours of capstone project work

Why choose this program?

- Focused on real-world data science skills like machine learning, big data analytics, and visualization
- Combines core computer science knowledge with hands-on data science training
- Includes simulations, labs, and capstone projects for practical learning
- Prepares you for data-driven roles in data analytics, AI/ML engineering, and business intelligence
- Builds problem-solving, decision-making, and analytical capabilities tailored to the data science and emerging technology sector



**Florida
Higher
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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) Data Science 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:

- Data Scientist
- Machine Learning Engineer
- Business Intelligence Analyst
- Data Analytics Consultant



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Curriculum Structure

- General Education: (10*3=30 Credits)
- Core Business Courses: (20*3=60 Credits)
- Data Science 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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