

Information Systems

√ Major

Description of the major:

Students who study information systems at Coastal Carolina University will learn how to use information technology to solve real-world problems in business, industry, government agencies and other institutions. The curriculum has several different areas of focus: internet/web applications development, computer security and forensics, networking and system administration, database administration, and financial technology. Graduates will be prepared to design, implement, manage, and evaluate information systems and to integrate emerging information technologies to enable an organization to achieve its objectives effectively and efficiently. Graduates will also be prepared to pursue graduate studies in information systems.

The student experience:

- The degree program is in the process of gaining accreditation by the Accreditation Board for Engineering and Technology (ABET).
- Because real-world experience is critical in information systems, the department offers courses that allow students to apply knowledge and skills in information systems to design and implement software projects for real-world problems.
- There are typically several internship opportunities available to information systems students, many of which qualify for academic credit (1-3 credit hours in a semester).
- Students get hands-on practice with many information systems topics through project courses and computing lab resources such as the programming lab, the security/networking lab and the high-performance computing lab.

- The department sponsors field trips, brings in guest speakers, and organizes professional and social functions for majors.

Beyond the classroom:

Information systems specialists are involved in the following industries: web/internet development, computer security and forensics, software engineering, financial engineering, database management, Geographic Information Systems (GIS), and entrepreneurial pursuits.

Areas of study:

CSCI 203	Introduction to Web Application Development
CSCI 225	Relational Databases
CSCI 330	Systems Analysis and Software Engineering
CSCI 335	Software Project Management
CSCI 370	Data Communication Systems and Networking
CSCI 385	Information Systems Security
CSCI 409	Advanced Internet Application Development
CSCI 415	Systems Administration
CSCI 434	Digital Forensics and E-Discovery

For more information:

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