

B.S.

BACHELOR OF SCIENCE IN
COMPUTER INFORMATION SYSTEMS

Learn how to apply today's technologies to the solution of business problems.

Develop expertise in information technology, computer information systems and software engineering through our entrepreneurial-based program.

Program Overview

- Bachelor of Science
- Major, Minor

Our computer information systems program is designed for students looking to develop a technical background in computer science and apply it in a business environment. With a major in the program, you will complete a strong core of computer science courses, as well as selected courses in the School of Business Administration. You may choose electives from either and will receive a bachelor of science degree upon graduation. Computer information systems majors often choose to add a minor in business administration to their degree program.

By choosing to major in computer information systems, you can develop expertise in systems analysis, software development and software engineering, web application development, networking, database development or computer security. Our department provides an emphasis on both theory and application of new computer technologies and encourages a hands-on experience, both in and out of the classroom. Computer information systems majors are also encouraged to pursue internships and may receive course credit for the successful completion of an internship.

Our challenging curriculum will provide you with the advanced knowledge necessary to excel in the field of computer science and open the doors you seek to a fulfilling and rewarding career.

Program Highlights

Project-based Learning

While the fundamentals of computer science are important in our curriculum, the practical implementation of core concepts is vital to our students' attaining a firm understanding of the practice and application of computer science.

Our courses are constructed to be strongly project-oriented. In particular, you will have the opportunity to work on a large team-based software project at the beginning of your junior year. This

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Career Significance

Graduates typically either go on to enroll in an M.B.A. or graduate studies program in information technology, start their own technology-based businesses or aim for technology careers that move them into management positions.

Our graduates have gone on to study at Clemson University, Georgia Institute of Technology, University of Florida, Washington University at St. Louis and many other graduate programs.

Alumni work at many different companies, including Avectra, Microsoft, Greenhouse, Root Metrics, Hulu and Solodev.

Stetson alumni from our program have earned many different job titles, including:

- systems analyst
- software developer
- software engineer
- computer and network security analyst
- web developer
- video game developer
- project manager
- chief technical officer
- chief executive officer

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project is designed to model what you would encounter in a professional environment.

Our program offers a computer security course which allows you to do hands-on penetration testing and develop a professional security audit as part of a team. During your senior year, you will have the opportunity to work one-on-one with a faculty mentor to design and develop an innovative software project.

Recent projects have included the development of a mobile marketing system for smart phones, development of tablet-based software to be used as a playbook for coaching football, software for real-time avatar tracking and display using the Microsoft Kinect and a web and database application for genealogical research.

Faculty

Our leading faculty members are highly regarded among Stetson University students and graduates alike.

Joshua Eckroth, Ph.D., The Ohio State University

Hala El-Aarag, Ph.D., University of Central Florida

Daniel Plante, M.E., North Carolina State University, Ph.D., University of Notre Dame

Thomas Vogel, Ph.D., University of Central Florida, director of mathematics and computer science