

Information Technology

About Us

The University of South Florida Information Technology (IT) program is designed to bridge the gap between the fields of computer science and management information systems. The emphasis of the program is on knowledge-based computer and information technology, traditional computer science concepts, as well as more practical topics including programming, applications, networking, systems administration, and the management of a variety of computing environments in an era of rapidly changing technology.

Courses range from information security, database applications, e-commerce, advanced web design methods, and IT project management, through advanced topics (including systems management and networking) and infrastructure (such as computer organization, data structures, operating systems, networks, databases, and software engineering). Through a broad-based set of electives, IT students will be able to tailor their degree program to meet their individual needs.

Graduates will be well prepared to emerge as highly qualified professionals and be able to contribute to today's technology-based society.

Programs

Undergraduate degree: Information Technology with concentrations in: Information Security, Enterprise Applications Development, Systems Administration, Technology Management, and Web Design and Development

Undergraduate Certificates of Specialization: Enterprise Applications Development, Information Security, Information Technology Management, Systems Administration and Web Design and Development

Minors: IT Application Development, Information Security, and Web Design and Development

Points of Pride

- Affordable online "anytime-anywhere" education, optimized for students and career changers
- Available Internships and Career Placement assistance with local and nationwide employers
- Small class size allows individualized student guidance from instructors, many of whom have decades of relevant industry experience

Bachelor of Science in Information Technology

For admission to USF Sarasota-Manatee, students must either attend a Florida public institution and complete the Associate in Arts degree or have a minimum of 60 transferable semester hours from a regionally-accredited institution.

The following requirements apply to the Bachelor of Science in Information Technology:

- Florida Public Associate in Arts degree or completion of all USF General Education requirements
- Completion of the following prerequisite courses (with a grade C or better in each course and a prerequisite GPA of 2.5 or better):*
 - o PSY 2012 General Psychology or any Psychology course
 - o STA 2023 Elementary Statistics (or STA 2122)
 - o ECO 2013 Macroeconomics
 - o CGS 1000 Computer Information Systems or any Database course
 - o COP 2XXX Any Computer Programming course (Ex: COP 2510)
 - o COP 2XXX Any Object-oriented Programming course (Ex: COP 2228C or COP 2250C)
 - o MAC 1140 Pre-Calculus Algebra or MAC X147 Pre-Calculus Algebra and Trigonometry
 - o PHY XXXX Any Physics course or PSC 1121C
 - o MAD XXXX Any Discrete Mathematics course (Ex: MAD 2104)

*Please see advisor for recommended courses

- Recommended completion of foreign language: students must complete (with passing grades) either two years of the same foreign language in high school or two semesters of the same foreign language in college before graduation from USF

For more information, or to make an appointment with an academic advisor please contact

USF Sarasota-Manatee

8350 N. Tamiami Trail, Sarasota, FL 34243 (941) 359-4330

5920 Pan American Blvd. North Port, FL 34287 (941) 426-7330

sarasota.usf.edu

Admission requirements and program offerings are subject to change. Please check with your advisor for the current criteria. USF Sarasota-Manatee is an Affirmative Action/Equal Access/Equal Opportunity Institution. For USF accreditation information, please visit: <http://www.sarasota.usf.edu/accreditation>
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