Department of Information Technology

Information Technology

The department promotes Information Technology as a profession and as an academic discipline. In pursuit of the program mission, world-class educational programs prepare students for a range of careers or graduate study. IT professionals focus on meeting the needs of users within an organizational and societal context through the selection, creation, application, integration and administration of computing technologies. They must, therefore, have a good understanding of the various information technologies and the type of activity in which the organization is involved. Our students are required to complete a series of major core courses, an internship experience, and an IT specialization area. Students and faculty also conduct innovative research in all aspects of IT and its applications and participate in consulting and economic development activities that support the mission of Georgia Southern University.

Outcomes

Upon graduation, students with a BS in Information Technology will be able to:

• identify and define the requirements that must be satisfied to address user needs;
• analyze user requirements to design IT-based solutions;
• identify and evaluate current technologies and assess their applicability to address individual and organizational needs;
• work in project teams to develop and/or implement IT-based solutions;
• use current computing techniques, skills, and/or technologies.

The IT program is accredited by the Computing Accreditation Commission of ABET, http://www.abet.org.

Bachelor of Information Technology Online (BIT Online)

The BIT Online program has two primary purposes. The first purpose is to produce IT graduates with the knowledge, skills and abilities to meet the needs of Georgia employers. The second purpose is to provide access to an IT education for Georgia citizens whose lifestyles make it difficult to attend face-to-face classes on campus. People who are currently working in IT, have family commitments, travel frequently, serve in the military, or simply prefer online learning have the opportunity to earn a degree from Georgia Southern.

Outcomes

Upon graduation, students with a Bachelor of IT Online will be able to accomplish the same tasks as the traditional BS in Information Technology. These outcomes are in keeping with emerging program and curricular standards for IT education.

Programs

Majors

• Information Technology B.I.T (Online) (http://catalog.georgiasouthern.edu/undergraduate/allen-paulson-engineering-computing/information-technology/information-technology-bit-online)
• Information Technology B.S.I.T (Concentration in Data Science) (http://catalog.georgiasouthern.edu/undergraduate/allen-paulson-engineering-computing/information-technology/data-science-bsit)

Minors

• Cyber Security Minor (http://catalog.georgiasouthern.edu/undergraduate/allen-paulson-engineering-computing/information-technology/cyber-security-minor)
• Information Technology Minor (http://catalog.georgiasouthern.edu/undergraduate/allen-paulson-engineering-computing/information-technology/information-technology-minor)