

## Information Technology

### Master of Science (MSIT) Degree

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#### DEGREE INFORMATION

**Program Admission Deadlines:**

Fall Semester: June 1

Spring Semester: October 1

**Minimum Total Hours:** 36

**Program Level:** Masters

**CIP Code:** 15.1202

**Dept Code:** EIT

**Program (Major/College):** "TBA" / EN

#### CONTACT INFORMATION

**College:** Engineering

**Contact Information:** [www.grad.usf.edu](http://www.grad.usf.edu)

**Other Resources:** [www.usf4you](http://www.usf4you)

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#### **PROGRAM INFORMATION**

##### **Program Description**

The University of South Florida Master of Science in Information Technology (MSIT) program will prepare students for leadership roles in the IT industry. The program of study provides a balanced curriculum, combining IT management strategies and technology leadership with advanced course work in an IT concentration. It is an 24-18 month program for those who have a Bachelor' Degree in Information Technology, Information Systems, Management or related fields and who are seeking leadership roles in government, business, industry or service sectors.

The MSIT degree is geared toward experienced IT professionals who are interested in broadening and deepening their knowledge of new and emerging information technologies, and in advancing their careers in IT leadership while remaining in the workforce. The MSIT provides students with a broad and integrative understanding of both technology and operational and strategic business and organizational applications. The MSIT graduate will demonstrate strong information technology skills as well as problem solving skills needed for the deployment of technology solutions to achieve business and organizational goals.

The MSIT Program of Study will provide students with a strong, foundational core of theoretical knowledge and cutting-edge research, together with opportunity to deepen knowledge and skill in application concentrations related to students' interests, backgrounds and career goals.

**Accreditation:** Accredited by the Commission on Colleges of the Southern Association of College and Schools.

## ADMISSIONS INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

### Program Admission Requirements

For admission, all programs require earned degrees from regionally accredited institutions or an international equivalent.

Applicants seeking admission to the MSIT program must have a

- Bachelor' Degree in Information Technology, Information Systems Management or related fields
- a minimum cumulative GPA of 3.0
- evidence of completion of the required core courses found in the University of South Florida's Bachelor of Science in Information Technology degree program or their equivalent.
- Applicants who do not fully meet the GPA requirement may submit GRE or GMAT scores and/or a professional resume. In such cases, admission or conditional admission may be granted at the discretion of the Graduate Admissions Committee.

## DEGREE PROGRAM REQUIREMENTS

### Course Requirements – 36 hours

**EDITORIAL NOTE – NONE OF THESE COURSES ARE EXISTING AT THE GRADUATE LEVEL**

#### Required Courses and Practicum – 24 hours

CAP 6xxx IT Risk Management	3
CAP 6xxx IT Intelligent Agents	3
CGS 6xxx Advances in Object Oriented Programming	3
CEN 6xxx Enterprise Software Architecture	3
COP 6xxx Enterprise Database Systems	3
CAP 6xxx Multimedia & E-Commerce	3
CAP 6xxx IT Graduate Practicum	6

#### Elective Courses – 12 hours

CNT 6xxx Network Programming	3
CGS 6xxx IT Competitive Advantage	3
CEN 6xxx Software Testing & Validation	3
CDA 6xxx IT & Systems for E-Business	3
CGS 6xxx IT Advanced Project Management	3
CAP 6xxx IT Robotics Applications	3
CAP 6xxx Data Mining Tools & Techniques	3
CAP 6xxx Information Security Architecture	3

## COURSE DESCRIPTIONS

See <http://www.ugs.usf.edu/sab/sabs.cfm>