Information Technology, MS

Program Description

Degree Awarded: MS Information Technology
The MS program in information technology teaches advanced technology skills to prepare students for careers in industry, education or government.

Students gain the ability to conceptualize, organize and realize information technology projects that meet the needs of users within an organizational or societal context. Students select coursework that encompasses core technologies in one of three focus areas: computer architecture and information security, information systems management and development, and enterprise computing.

At a Glance

- **College/School:** Ira A. Fulton Schools of Engineering
- **Location:** Polytechnic campus or online

Accelerated Program Options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Information Technology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements
30 credit hours and a portfolio, or
30 credit hours including the required applied project course (IFT 593)

**Required Core (9 credit hours)**
IFT 510 Principles of Computer and Information Technology Architecture (3)
IFT 520 Advanced Information Systems Security (3) or IFT 530 Advanced Database Management Systems (3)
IFT 540 Software Development for Information Technology (3)

**Open Elective (6-9 credit hours)**

**Focus Area Electives (12 credit hours)**

**Culminating Experience (0 or 3 credit hours)**
IFT 593 Applied Project (3) or portfolio (0)

**Additional Curriculum Information**
Students should see the academic unit for a complete list of approved coursework.

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**Admission Requirements**

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in information technology, computer science, applied computing, engineering or a closely related field from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. personal statement
4. professional resume
5. proof of English proficiency
Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency.

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. https://learnenglish.asu.edu/online/admission

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

Attend Online
ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here.

Application Deadlines
Fall  
Spring

Career Opportunities
Graduates of the information technology program are well-qualified for careers in the management of IT departments as this degree couples technical skills with the business skills needed to manage technical functions. Some graduates may pursue careers as technical support staff based on the focus area and secondary skills they achieve.

Graduates also have the ability to manage technical professionals within their focus areas. The focus area in computer and network systems: security and administration provides the graduate with the concepts underlying information assurance, securing computer applications, and secure communication of information. These skills are combined with knowledge in areas of computer systems and networking design, configuration and administration.

Contact Information
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