Information Technology, MS

TSIFTMS

Program Description

Degree Awarded: MS Information Technology

Students who select the MS program in information technology obtain advanced technology skills that prepare them for careers in industry, education or government. Through the curriculum, graduates design and implement information technology solutions, develop and implement enterprise databases, perform technical analysis of systems and networks, design and create technology solutions, and serve as information technology and network communications security analysts.

The program focuses on developing 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: security and networking, databases, and enterprise computing. The specialization area and graduate degree culminates in developing an industry focused culminating project related to the student's area of interest.

At a Glance

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

Accelerated Degrees

This degree is also offered in an accelerated format with:

Information Technology, BS

Acceptance to the graduate program requires a separate application. During their junior and senior years, eligible students will be advised by their academic departments to apply.

Degree Requirements
30 credit hours including the required applied project course (IFT 593)

Required Core (15 credit hours)

Focus Area Electives (12 credit hours)

Culminating Experience (3 credit hours)
IFT 593 Applied Project (3)

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

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 of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum of 3.00 cumulative GPA (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. GRE test scores
4. letters of recommendation
5. proof of English language proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Contact Information