

Fact

The jobs outlook for computer security specialists, as well as other computer network, system, and database administrators, is excellent, with employment opportunities expected to grow much faster than the average.

Source: *Occupational Outlook Handbook 2012-2013 edition, U.S. Department of Labor*

Would you like to join an elite group of experts on the front lines of fighting cybercrime?

With the evolution of and significant growth of computer-based crime, the field of information security is one of the fastest growing branches of the security field. Organizations increasingly need information security professionals to protect digital assets from computer and network attacks.

Outstanding Preparation

Information security specialists plan, coordinate, and maintain an organization's computer security. In this program you will learn computer security including how to install security software, monitor networks for security breaches, respond to cyber-attacks, and gather information and data to be used in prosecuting cybercrimes.

Admission Requirements

This certificate program is open to both graduate and undergraduate students. Students must have a background in networking or operating systems and discrete mathematics or seek additional assistance. GSU undergraduates may enroll in this certificate program for elective credit toward their bachelor's degrees. Students from institutions or universities should check with their institutions to determine the transferability of course work.

Unlimited Opportunity

GSU offers a superior educational opportunity at an affordable tuition rate while maintaining the professional quality of its programs. GSU's outstanding faculty and real-world curriculum prepare graduates to meet the demands of the future.

Faculty Advisor:

Freddie Kato
Faculty Advisor
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Special Admissions Requirements

In addition to meeting the university requirements for certificate admission, applicants must have complete the following courses in either category 1 or category 2:

Category 1 - CPSC-4205, CPSC-4335, and CPSC-4342 or their equivalents; or

Category 2 - CPSC-5000 or its equivalent. Note: Students need to be aware that they must have a discrete mathematics background. If the student does not have that background, they will need to seek assistance.

Certificate Requirements

To receive the Information Security Certificate, undergraduate students must complete each required course with a grade of "B" or better and submit the petition for completion to their faculty advisor.

Required Courses (15 Hours)

CPSC - 6580 Information Security (3)

OR

MIS - 6580 Information Security (3)

CPSC - 6581 Information Security Policy and Management (3)

OR

MIS - 6801 Information Security Policy and Management (3)

CPSC - 6582 Cryptography and Network Security (3)

CPSC - 6583 Laboratory in Information Security (3)

CPSC - 6584 Special Topics in Information Security (3)

Total - 15 Hours at GSU