

American InterContinental University- Bachelor of Science in Information Technology (BSIT) Degree with a Specialization in Information Assurance and Security

From mission-critical business systems to e-commerce and the Internet, IT is not only an industry in its own right but also a fundamental building block of all other industries. AIU® offers an industry-current BSIT program with an in-depth specialization in Information Assurance and Security designed to help students learn about the types of information technology security used in business today, as well as the practices that should be in place in any organization to ensure security. The program also addresses issues of physical and operations security.

The AIU Bachelor of Science in Information Technology (BSIT) degree program offers a dynamic curriculum focused on industry-relevant technology trends and applications designed to help students learn how to evaluate emerging technologies in the application of appropriate information systems to manage and achieve organizational goals and objectives.

Focus on your specific area of interest:

By studying key topics in Information Assurance and Security to complete the upper division™s core specialization requirements, you have an opportunity to focus your studies on an area that is gaining attention from an increasingly security-conscious business community.

A curriculum taught by experienced professionals:

In addition to a quality curriculum based on industry-relevant standards, AIU™s BSIT with a specialized focus in Information Assurance and Security is taught by experienced faculty, many who have worked in the fields they teach. This offers you an opportunity to learn from professionals who can share their understanding of the qualities and skills sought in today™s competitive marketplace for information assurance and security professionals.

Program Requirements (180 hours):

Lower Division Core:

- COMP101 Introduction to Computers 4.5
- COMP102 Introduction to Computers Lab 1.5
- ITCO101 Discovering Information Technology 4.5
- ITCO103 Introduction to Computer and Network Hardware 4.5
- ITCO 105 Information Technology and Society 4.5
- ITCO211 Introduction to Operating Systems 4.5
- ITCO221 Fundamentals of Programming and Logic 4.5
- ITCO231 Introduction to Databases 4.5
- ITCO251 Network Infrastructure Basics 4.5
- Total Credit Hours: 37.5

Upper Division Core:

ITCO321 Data Structures and Implementation 4.5
ITCO361 Information Technology Security 4.5
ITCO381 Introduction to Web Systems and Media 4.5
ITCO391 Human/Computer Interfaces and Interactions 4.5
ITSD322 Object Oriented Application Development I 4.5
Total Credit Hours: 22.5

General Education credit hours: 52.5

General Electives -Upper and Lower Division
Total Credit Hours: 22.5
Specialization Options

Information Assurance and Security

ITCO299 Comprehensive IT Project 4.5
ITCO341 Applications of Discrete Mathematics and Statistics in IT 4.5
ITCO 425 System Architecture and Integration 4.5
ITCO 498 Program Capstone for IT 4.5
ITAS362 Introduction to Information Assurance and Information Security 4.5
ITAS363 Telecommunications and Network Infrastructure Security 4.5
ITAS365 Information Systems Control and Auditing 4.5
ITAS367 Principles and Methods in Cryptographic Security 4.5
ITAS465 Ethical Hacking and Penetration Testing 4.5
ITAS469 IT Governance for Information Security Managers 4.5
Total Credit Hours: 45

American InterContinental University (AIU) is accredited by the Higher Learning Commission (HLC) and is a member of North Central Association.

For more Information:

Diane T. Lark, Ph.D.
University Dean and Professor, School of Technology
American InterContinental University
5550 Prairie Stone Parkway, Suite 130
Hoffman Estates, IL 60192
Ph: 847-851-5895
Email: DLark@aiuniv.edu

Additional Information: <http://www.aiuniv.edu/degrees/information-technology/bachelors-information-assurance-and-security>

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