

American InterContinental University, Chandler - Bachelor of Science in Information Technology w/ a Specialization in Info. 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.

Additional Information: www.aiuniv.edu

Lower Division Core

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

Upper Division Core

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

General Education

General Electives -Upper and Lower Division

Information Assurance and Security Specialization

ITAS362: Introduction to Information Assurance and Information Security

ITAS363: Telecommunications and Network Infrastructure Security

ITAS365: Information Systems Control and Auditing

ITAS367: Principles and Methods in Cryptographic Security

ITAS465: Ethical Hacking and Penetration Testing

ITAS469 IT: Governance for Information Security Managers

ITCO 425: System Architecture and Integration

ITCO 498: Program Capstone for IT

ITCO299: Comprehensive IT Project

ITCO341: Applications of Discrete Mathematics and Statistics in IT

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

Core Capabilities

Cybersecurity

For More Information:

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