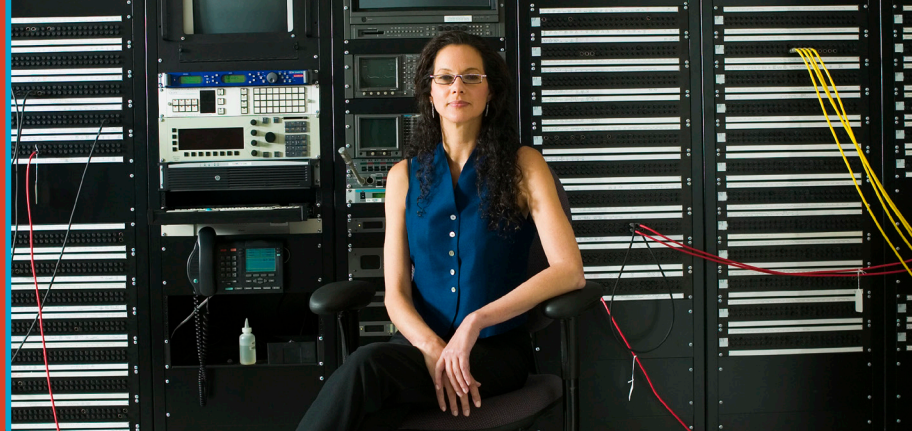# Bachelor of Science in Information Technology (BSIT)

OVERVIEW

Public and private sector entities depend on information technology leaders to conceptualize, implement, and manage high quality, secure information systems to support their organizations. AIU® offers an industry-relevant BSIT degree program that is designed to cover a breadth of topics, including the basics of networking, databases, programming, hardware, information systems and security. Students can also study how to collaborate and contribute within a group setting, as well as how to manage IT projects.

COURSEWORK

CURRICULUM INCLUDES

Students have the opportunity to develop a breadth of knowledge regarding the development of user requirements for the creation of an IT system, IT integration techniques, and a variety of other skills applicable to a range of IT areas. Specifically, the program includes:

Introduction to Operating Systems: Students will study contemporary desktop and mobile operating systems. Topics include operating system support, functions, network requirements, virtualization and basic maintenance.

Fundamentals of Programming and Logic: Students are introduced to programming concepts of control structures, arrays and modular program design. They will also be asked to develop, debug and execute simple applications.

Introduction to Databases: Students will review fundamental concepts of database systems, as well as focus on designing and implementing a database, entering data, normalizing tables and performing queries.

Network Infrastructure Basics: Students are provided with a conceptual overview of network infrastructure. Topics include configurations, network operations, segmentation through subnetting and wireless developments.

OUTCOMES

WE CAN HELP YOU

- Articulate ethical, legal, and professional responsibilities of information technology professionals to include societal and global impact
- Communicate technical information verbally, written, and graphically in various professional settings
- Design and maintain computer-based solutions based on user or system requirements, best practices and industry-relevant tools and technologies
- Function effectively on teams in various roles appropriate for the information technology discipline

* Transfer credits are evaluated on an individual basis. Not all credits are eligible to transfer. See the University Catalog for transfer credit policies.

WHY AIU?

AIU offers a streamlined, real-world curriculum and flexibility designed to help you schedule school around your life, not the other way around. Along with industry-relevant undergraduate and graduate degree programs, our industry-focused concentrations allow in-depth study of the field.

To accommodate busy lives, we offer full- and part-time program options and transfer-in credit* for eligible college, work and military experience, which could cut down on the time it takes to earn a degree.

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AMERICAN InterContinental UNIVERSITY™

Bachelor of Science in Information Technology (BSIT)

The AIU 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 and identify the information systems needed to manage and achieve organizational goals and objectives.

FOCUS ON YOUR SPECIFIC AREA OF INTEREST
By studying a breadth of topics, a BSIT degree may allow you to pursue a wide range of career paths in technology-related fields.

A CURRICULUM TAUGHT BY EXPERIENCED PROFESSIONALS
In addition to a quality curriculum based on industry standards, AIU's BSIT degree program is taught by experienced faculty, many who have worked in the fields they teach. This offers you an opportunity to study with professionals who can share their understanding of the qualities and skills utilized in today's marketplace.

REQUIRED COURSES

GENERAL EDUCATION COURSES

ENGL106	English Composition I	4.5
ENGL107	English Composition II	4.5
MATH125	General College Mathematics	4.5
MATH133	College Algebra	4.5
UNIV103	Academic and Professional Success	4.5
UNIV106	Technology and Information Literacy	4.5
UNIV109	Interpersonal Communication	4.5
	Humanities (2 courses)	9
	Natural Sciences (2 courses)	9
	Social and Behavioral Sciences (2 courses)	9
Total General Education Requirements		**58.5**

CORE COURSES

ITCO101	Discovering Information Technology	4.5
ITCO103	Introduction to Computer and Network Hardware	4.5
ITCO105	Information Technology and Society	4.5
ITCO107	Developing Professional Communications	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
ITCO299	Comprehensive IT Project	4.5
ITCO361	Information Technology Security	4.5

CORE COURSES (CONTINUED)

ITCO385	Introduction to Mobile Technologies and the Internet of Things	4.5
ITCO391	Human/Computer Interfaces and Interactions	4.5
ITCO498	Program Capstone for IT	4.5
Total Core Requirements		**58.5**

GENERAL ELECTIVE COURSES

Select 10 undergraduate elective courses	45
Total General Elective Requirements	**45**

INFORMATION TECHNOLOGY ELECTIVES

IT Elective Options: A combination of any 4 undergraduate Information Technology courses (ITCO/ITDI/ITAS/ITNA/ITSD)	18
Total Credit Hours	**18**

Total Bachelor's Degree Requirements   **180**

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