

Bachelor of Science in Information Technology (BSIT)



OVERVIEW

Information Technology is a knowledge area that may apply to many industries. AIU® offers an industry-relevant BSIT degree 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.

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.

WE CAN HELP YOU

- Apply knowledge of computing and mathematics appropriate to IT disciplines
- Employ techniques, tools, best practices and standards involved in computing
- Create appropriate sets of user requirements
- Develop integrated IT solutions that combine stated requirements with best practices in system design and implementation
- Analyze the professional, ethical, legal, security and social implications of computing environments on individuals, organizations and society
- Work effectively on teams to accomplish a common goal
- Explain the value and need of continuous professional development in IT disciplines

* Not all credits are eligible to transfer. See the University Catalog for transfer credit policies.

COURSEWORK

OUTCOMES

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 degrees, our industry-focused specializations 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.



AIUniv.edu

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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, the BSIT degree may allow you to pursue a wide range of career paths in technology 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 required in today's competitive marketplace.

CORE COURSES

ITCO101	Discovering Information Technology	4.5
ITCO103	Introduction to Computer and Network Hardware	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
ITCO361	Information Technology Security	4.5
ITCO381	Introduction to Web Systems and Media	4.5
ITCO391	Human/Computer Interfaces and Interactions	4.5
ITCO427	Mobile Technologies and Internet of Things	4.5
ITCO498	Program Capstone for IT	4.5
MGMT412	Project Management	4.5

Total Core Requirements 58.5

GENERAL EDUCATION COURSES

ENGL106	English Composition I	4.5
ENGL107	English Composition II	4.5
MATH125	General College Mathematics	4.5

GENERAL EDUCATION COURSES (CONTINUED)

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

GENERAL ELECTIVES

General Electives - A combination of any 9 undergraduate courses (Upper and Lower Division)

Total Credit Hours 40.5

INFORMATION TECHNOLOGY ELECTIVES

IT Elective Options: A combination of any 5 undergraduate Information Technology courses (ITCO/ITDI/ITAS/ITNA/ITSD)

Total Credit Hours 22.5

Total Bachelor's Degree Requirements 180

For important information about the educational debt, earnings, and completion rates of students who attended this program, go to www.aiuniv.edu/disclosures. AIU cannot guarantee employment or salary. Not all programs are available to residents of all states.
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