

INFORMATION TECHNOLOGY

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

36 semester hrs / 12 courses

CORE COURSES (18 SEMESTER HRS / 6 COURSES)

Students must take 6 core courses:

- » Research Methods in Information Systems and Technology
- » Information Technology Project Management
- » Management Information Systems
- » Enterprise Database Systems
- » Computer Networks and Data Systems
- » Information Security Management

MAJOR COURSES (15 SEMESTER HRS / 5 COURSES)

Students must select 5 major courses in a concentration area. In addition to a general concentration, concentrations are offered in:

- » Enterprise Software Development
- » IT Project Management
- » Information Assurance and Security
- » Digital Forensics

Major courses include:

- » Computer Forensics
- » Advanced Cybercrime Analysis
- » Telecommunications and Network Security
- » Advanced e-Discovery
- » Data Warehousing and Decision Support Systems

CAPSTONE COURSE (3 SEMESTER HRS)

- » Senior Seminar in Information Technology

For the most current program, concentration, and degree path details, please consult the APUS catalog at: www.apus.edu/catalog

Visit amuonline.com/IT

We want you to make an informed decision about the university that's right for you. For more about the graduation rates and median debt of students who completed each program, as well as other important information—visit www.APUS.edu/disclosure/IT.

American Military University

INFORMATION TECHNOLOGY

ONLINE GRADUATE CERTIFICATES

AMU offers online graduate certificate programs in Information Technology (IT) for the IT professional who delivers and develops products ready for today's marketplace. Certificates are offered in:

CYBERCRIME (18 SEMESTER HRS / 6 COURSES)

- » Computer Forensics
- » Advanced Cybercrime Analysis
- » Cyber Ethics: Privacy and Intellectual Property
- » Intrusion Detection and Incident Handling
- » Advanced Digital Forensics
- » Advanced e-Discovery

DIGITAL FORENSICS (18 SEMESTER HRS / 6 COURSES)

- » Computer Forensics
- » Advanced Cybercrime Analysis
- » Telecommunications and Network Security
- » Advanced Digital Forensics
- » Advanced e-Discovery
- » Information Security Management

INFORMATION ASSURANCE (18 SEMESTER HRS / 6 COURSES)

- » Computer Networks and Data Systems
- » Telecommunications and Network Security
- » Information Assurance
- » Information Assurance: Assessment and Evaluation
- » Information Assurance: Capability Maturity and Appraisals
- » Information Security Management

INFORMATION SYSTEMS SECURITY (18 SEMESTER HRS / 6 COURSES)

- » Computer Networks and Data Systems
- » Information Security Management
- » Telecommunications and Network Security
- » Intrusion Detection and Incident Handling
- » Information Assurance
- » Computer Forensics

IT PROJECT MANAGEMENT (18 SEMESTER HRS / 6 COURSES)

- » IT Project Management
- » IT Project Management: Integration, Scope, and Time
- » IT Project Management: Cost and Communications
- » IT Project Management: HR and Procurement
- » IT Project Management: Quality and Risk
- » Project Management for e-Business

OBJECT-ORIENTED APPLICATION DEVELOPMENT (18 SEMESTER HRS / 6 COURSES)

- » IT Project Management
- » Object-Oriented Analysis and Design (OOAD)
- » Object-Oriented Applications: Design and Development
- » Object-Oriented Applications: Integration, Quality Assurance, and Deployment
- » Data Warehousing and Decision Support Systems
- » Enterprise Software Development Methodologies