> GRADUATE PROGRAM

Master of Science in Information Security

Internationally Accredited By:

WASC
Senior College and
Univertity Commission

PROGRAM OVERVIEW

The Master of Science in Information Security is designed to develop expertise in areas of analysis, operation and leadership in the field of information security.

The learning objectives of the program include expanding the technical and managerial skills needed in order to evaluate, acquire, plan, operate, and manage an organization's information security system.

The program is designed to impart knowledge while developing the skills, techniques and tools needed in a career as an information security professional who meets the current and future needs of government and corporate organizations. It will also prepare students to pursue PhD degree programs in information security and related areas.

Our information security graduates are in great demand in the UAE and abroad, and our alumni are eligible for the most highly paid positions in the industry.

GRADUATES WILL BE ABLE TO

- Critically analyze existing information security systems with a view to improving them.
- Evaluate in-depth enterprise security systems.
- Rigorously manage enterprise information security using new strategies, techniques and standards.
- Develop cost-effective and customized security solutions.
- Build a solid career in a leadership role in the field of information security.

Scholorships are available on a **competitive basis**

The program prepares students to work in an assortment of **high-tech positions** and in a variety of professions or to pursue a **research** and/or **academic career.**

SAMPLE OF COURSES

- Information Security Fundamentals
- Advanced Network Security
- Cryptography and Secure Communications
- Software Security
- Secure Electronic Commerce
- Ethics, Law and Policy in Cyberspace
- Computer Crimes and Forensics

STATE OF THE ART LABS

- Digital Forensics Lab
- Firewall & VPN Lab
- Biometrics Lab
- Intrusion Detection Lab (IDS)
- Cryptography Lab

CAREER OPPORTUNITIES

- Network Security Specialist
- Security Administrator
- Penetration Testing Specialist
- Computer Crimes Forensics Specialist
- Secure Network Architect
- Secure E-commerce Platforms Specialist
- Secure Data Communication Specialist
- IT Project Manager

> WHY **CIT?**

1. World-class faculty
2. Cutting-edge research
3. Hands-on experience and industry collaborations
4. Balanced mix of theory and practice
5. Access to state-of-the art labs
6. Stimulating learning environment
7. International accreditation
8. Our graduates are in high demand
9. The MIT of the Middle East

> CONTACT DETAILS

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