

COLLEGE OF TECHNOLOGICAL INNOVATION

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY (CYBER SECURITY)

Building safe, secure computer systems and communication networks is crucial for all organizations

In an era where organizations are increasingly vulnerable to sophisticated and malicious cyber-attacks, building safe and secure computer systems and communication networks is more critical than ever. The Master of Science in Information Technology (Cyber Security) program is designed to equip students with the advanced skills and knowledge required to protect vital information infrastructure from ever-evolving threats. Through a blend of rigorous coursework and hand-on experience, students will learn to design, implement, and manage robust cyber security strategies that safeguard the integrity, confidentiality, and availability of data across all sectors.

PROFESSIONAL OUTCOMES

Upon successful completion of the program, graduates can work as network security administrators, penetration testers, digital forensics analysts, data security analysts, cyber intelligence specialists, vulnerability assessors, security awareness training specialists or cloud security architects. Graduates can find employment at financial institutions, information security audit/consultancy firms and government organizations where national security needs are a priority.

FACULTY

Program courses are taught by select professors from Zayed University who have earned doctorates, diverse international research experience, and superior teaching performance in graduate level programs.

CURRICULUM

The rigorous curriculum integrates theory with real-world application, focusing on areas such as information and network security, digital forensics, understanding cybercriminal behavior, and managing security systems. Students must complete a research-driven thesis, which allows them to explore complex cyber security challenges under the guidance of experienced faculty. The thesis is a core component of the program, ensuring that graduates not only gain technical expertise but also contribute original research to the field of cyber security. Additionally, the program provides a strong academic foundation, enabling students to pursue PhD degrees and further contribute to the advancement of cyber security research and practice.

Year One

- SEC601 Research Methods
- SEC605 Information Security
- SEC610 Information Security, Policy, Ethics and Law
- SEC615 Network and Internet Security
- SEC630 Cyber Forensics

Year Two

- SEC620 Information Security Management
- SEC638 Small Scale Digital Device Forensics
- SEC675 Cyber Criminal Behavior
- SEC699 Research Thesis
- SEC699 Research Thesis

COURSE DELIVERY FORMAT

The program is delivered in English at Zayed University located in Abu Dhabi and Dubai.

ADMISSION

- Admission is open to males and females of all nationalities.
- An earned baccalaureate degree in a discipline considered appropriate to the graduate program from an accredited university recognized by the UAE Ministry of Education with a cumulative grade point average (CGPA) of 3.0 (or 2.5 for conditional admission) or higher on a 4.0 point scale or equivalent.
- English language proficiency:
 - A TOEFL score of 213 CBT, 79 iBT (or 197 CBT, 71 iBT for conditional admission), or
 - An IELTS (Academic) overall band score of not less than 6.0 (or 5.5 for conditional admission), or
 - Evidence that the applicant is a native speaker of English who has completed his/her undergraduate education in an English medium institution in a country where English is the official language.

PROGRAM COST

Credit Hours	Cost Per Credit Hour
30	AED 3,200

FINANCIAL SUPPORT

Zayed University offers a range of financial support options such as graduate merit scholarships and Zayed University alumni scholarships to support graduate students. For a listing of these and all other available financial aids, please visit the Graduate Student Financial Support section of the website www.zu.ac.ae

PROGRAM RECOGNITION

Zayed University is licensed and accredited by the Commission for Academic Accreditation (CAA), which is the quality assurance and accreditation body of the UAE Ministry of Education. As Zayed University is accredited by the Middle States Commission on Higher Education, graduate programs are world-wide recognized for further education and employment in private and public-sector organizations.

CONTACT

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