



EC-Council | **University**

MASTER OF
SECURITY SCIENCE

<http://www.eccuni.us>

Description

The Master of Security Science (MSS) is part of a nested suite of programs, which includes an EC-Council certification, Post Graduate Diploma and a Master's degree with different entry points depending upon previous academic studies. The program is intended both for new and experienced graduates alike, who wish to update their skills or change their area of specialization. It is concerned with the design, management and implementation of network security in corporations and public networks, or service provision to public and private networks.

The focus of the course is to provide students with a wide understanding of Security Science. The course is sufficiently detailed to give an excellent background for a professional career in industrial or commercial organizations, and the required background in security science to enable the student to undertake further study leading to the specializations needed for a research career. The MSS course is suitable for students with a wide range of previous security experience.

Aims & Objectives

The aim of this course is to provide excellent career opportunities by offering a high level coverage of security principles and an appreciation of the emerging issues and technologies in network security.

The aims are to:

- Provide an understanding of the theoretical basis of security science, and its importance in system administration.
- Provide an understanding of the underlying principles of system security and secure applications which run on them.
- Develop a foundation in professional security standards of security analysis, design, implementation, testing and documentation in security system.
- Provide experience in both security working and individual working.
- Provide an appreciation of the security professional, ethical and legal obligations.
- Create an appreciation of the current state and future directions of technological advances in security science.
- Career Opportunities

Industry certified skills are highly valued, and there is a need for professionals with a solid understanding of security skills.

Course Structure

This program prepares students to manage computer security and incidence response. The courses include computer investigations, security planning, etc. The MSS requires a total of 36 semester credits for graduation. An oral presentation and research development credits are required to complete this program.

Entry Requirements

Applicants will be expected to have a bachelor's degree in any discipline. Applicants with at least two years of experience in the IT industry will be given preference. For more information about admission requirements, please visit our Admissions page.

Mode of Study

The MSS program is offered 100% online, allowing you to complete your studies in a time that works around your schedule.

Award

The Master of Security Science degree will be awarded by EC-Council University.

