

## POSTGRADUATE PROGRAMME BY COURSEWORK

# MASTER OF INFORMATION SECURITY

The Master of Information Security programme is designed to educate students with adequate knowledge and abilities to succeed in the field of information security. Learners will be able to build the professional skills required for a senior position in the Information Technology (IT) industry through this programme.

**Student enrollment:**

Full-time: 3 Semester (40 Credit hour)      Part-time: 4 Semester (40 Credit hour)

**ENTRY REQUIREMENTS**

- Bachelor's degree or equivalent, in computing, science and technology or related to computing, with a minimum CGPA 2.75; or
- Bachelor's degree or equivalent, in computing, science and technology or related to computing with a CGPA of 2.500 – 2.749 may be considered based on a minimum of 1 year of work experience in the related field; or
- Bachelor's degree or equivalent, in computing, science and technology or related to computing with a CGPA of 2.00-2.49 may be considered based on a minimum of 5 year of work experience in the related field; or
- For a candidate who do not have a Computing Degree, the candidate must take a prerequisite course in computing.

English language entry requirement for international applicants:

A minimum score of 550 for the TOEFL Paper-based Test (Academic Version) or Band 6.0 for IELTS (Academic Training), or 79 – 80 for TOEFL Internet-based Test (Academic Version) or level 109 for CIEP at ELS Language Centre.

**PROGRAMME MODULE**

SSK5090 - Research Methods in Computer Science  
SSK5207 - Cyber Law and Ethics  
SSK5500 - Security in Computing  
SSK5501 - Information Security Management  
SSK5502 - Penetration Testing  
SSK5504 - Software Security  
SSK5505 - Internet and Cloud Computing Security

SSK5508 - Computer Forensics and Investigation  
SSK5507 - Cryptography and Security Protocol  
SSK5517 - Advanced Cryptography  
SSK5527 - Cryptanalysis  
SSK5510 - Steganography  
SSK5514 - Intrusion Detection System

**ENQUIRIES**

For further information on academic programmes, please contact:

**Faculty of Computer Science and Information Technology,**

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**Master Programme Coordinator (by coursework)**

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**FIRST SEMESTER  
2022/2023 (SEP 2022)  
Admission Application Deadlines  
International : 30 June 2022  
Local: 31 July 2022**

Apply online at website:  
<https://sgs.upm.edu.my/>