

Entry Requirement

- i. A bachelor's degree in Computing or in the field or related fields or equivalent with a minimum CGPA of 2.75 or equivalent qualification from UPNM or any recognized university by the Senate; OR
- ii. A bachelor's degree in Computing or in the field or related fields or equivalent with a minimum CGPA of 2.50 or equivalent from UPNM or any recognized university by the Senate not meeting a CGPA of 2.75 can be accepted subject to rigorous internal assessment; OR
- iii. A bachelor's degree in Computing or in the field or related fields or equivalent with a CGPA less than 2.50 or equivalent from UPNM or any recognized university by the Senate can be accepted subject to a minimum of five (5) years working experience in any relevant field and rigorous internal assessment; OR
- iv. Candidates without a qualification in the related fields or relevant working experience must undergo appropriate prerequisite courses determined by the Senate and meet the minimum CGPA based on Clause (i) and/or Clause (ii) and/or Clause (iii) of the above.
- v. Other qualifications recognized by the Senate that are obtained through Accreditation of Prior Experiential Learning (APEL A Certificate APEL T-7).

Application

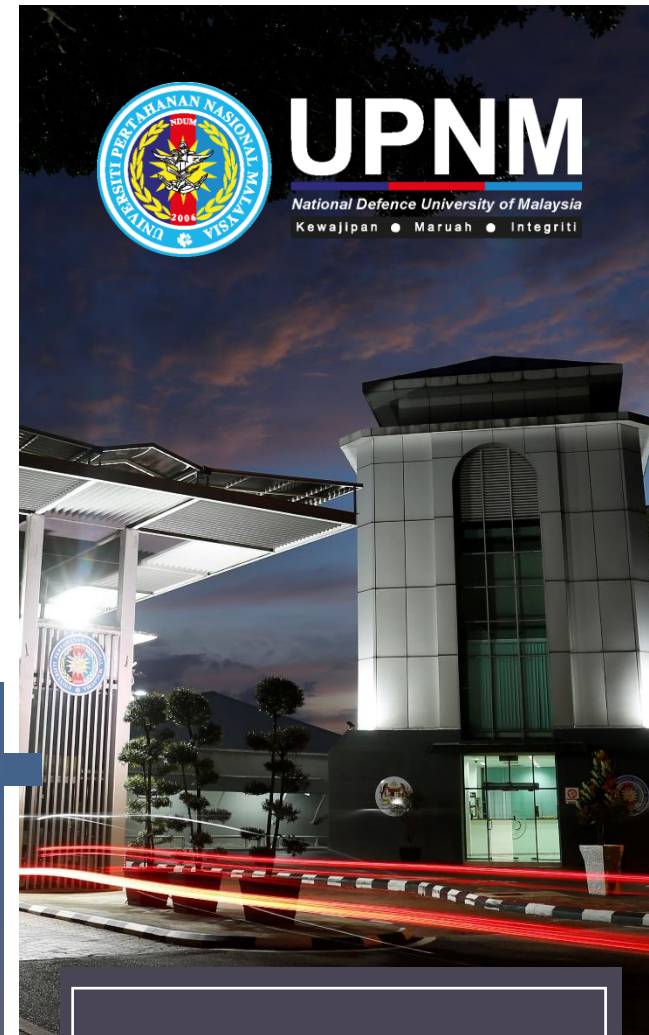
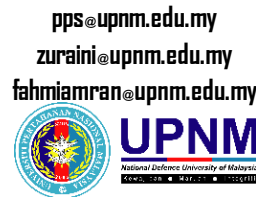
All applications must be submitted to the Centre for Graduate Studies, National Defence University of Malaysia. The application form can be downloaded from the NDUM website at <https://cgs.upnm.edu.my/index.php/en/>

Applicants must submit all the supporting documents as follows:

1. Bachelor Degree Certificate(s)/Diploma Certificate(s)
2. Transcript(s) and other relevant certificate(s)
3. IC/Passport size colour photograph (two copies)
4. Latest three (3) months bank statement or evidence of financial support. (For Local Students only)
5. Reference letter from previous or current employer or any documents as proof of working experience.

Contact Us

CENTRE FOR GRADUATE STUDIES
National Defence University of Malaysia
Kem Perdana Sungai Besi
57000 Kuala Lumpur
Tel: +603-90513400 (Ext: 4541, 3517, 3516)
Fax: +603-90513436



**MASTER OF SCIENCE IN
CYBER SECURITY AND
MANAGEMENT
(MCSM)**

Program Overview

Threats to our cyber security are real and Malaysia requires professionals with knowledge and skill to understand and mitigate threats systematically. Thus, effective management and governance, as well as technical skill, are essential in ensuring cyber security risks and threats are well managed. Through this combined approach, Malaysia can maintain and protect its critical services and information infrastructure from cyber security threats emerge over time. Therefore, the need to build expertise in cyber security skills become very significant.

To meet this demand, National Defence University of Malaysia (NDUM) offers a program that capable to produce responsive and diligent cyber security experts in Malaysia. Our program has some specialities as compared to others because of the following:

1. To produce graduates who will be able to cope, adapt and make appropriate right decisions in dynamic cyber security environment through applications of integrated knowledge, disciplines and theories.
2. To inculcate positive values, attitudes and provide operational and strategic cyber security skills so that the graduates can work in any organizations and serve Nation.
3. To equip graduates with an integrated knowledge and demonstrate the ability to perform as IT professionals and will be prepared for continued learning throughout their career.
4. To produce graduates with capability of providing cyber security services in the field of computer security to society as well as national computing needs

Mode of Study - Coursework

The candidate must successfully complete 41 credits of courses comprising of core courses, elective courses and project dissertation that will be delivered in various mode including: lab work and lecture, individual and group assignments, case studies and presentation.

Course Outline

Core Courses

1. Information Risk Management and Governance
2. Cryptosystems and Data Protection
3. Industrial Espionage and Counterfeiting
4. Leading Change
5. Digital Forensics, Evidence and Intelligence
6. Security Architecture and Network Defence
7. Research Methodology

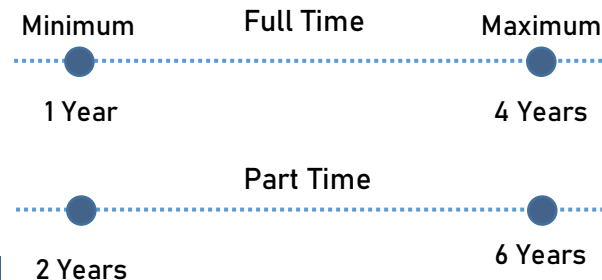
Elective Courses

1. Big Data Analytics
2. Ethical Hacking
3. Introduction to Cyber Security
4. Introduction to Information and Electronic Warfare
5. Project Planning Management and Control
6. Global E-Business
7. Financial Analysis and Decision Making
8. Business Strategy and Strategic Management

Research

Project Dissertation

Programme Duration



Programme Fees

	Malaysian	International
Full Time (3 semester)	**MYR 18,185.00	RM 24,072.00
Part Time (6 semester)	Refer to CGS	

**Fee is subjected to change from time to time as suggested by the Senate of University*

*** Partial Scholarship is available for selected Malaysian students*

Who Should Attend

- Candidates that have a background in computing or IT.
- Candidates with experienced and specialized in cyber security, is most welcomed.
- Candidates that have a particular interest in cyber security and a good level of technical competence, is also considered.

- Military officer
- Police officer
- Immigration officer
- Security agency officer
- Risk officer
- Cyber investigation officer
- Protective security officer
- Educator