



MILA UNIVERSITY
DU043(N)



MASTER OF

Science in Engineering

By Research

**2-3 YEARS (FULL-TIME) /
3-6 YEARS (PART-TIME)**

(N/520/07/0121) (09/26) (MQA/PA14816)

- Located on a **green 142-acre hillside** in the university town of Nilai, Negeri Sembilan
- Nestled amidst **green hills**
- Flanked by a **beautiful 13-acre lake**
- **25 Minutes** to KL International Airport (KLIA)
- **45 Minutes** to KL City Centre

Facilities around the Campus



Laboratories

49 Engineering, Biotechnology, Computer Science and Mass Comm labs for hands-on experience.



Sports & Fitness

On-Campus sports facilities and various competitions keep our students healthy and strong for all challenges.



Cultural Clubs & Society

Over 15 clubs and societies allow students to exhibit their inner passions and creativity with freedom.



Academic Cognition

Multi-floor library, conducive classroom environments and lush-green campus offers peaceful and focused concentration.



Library

At MILA we have state-of-the-art library with free access to reputable e-databases such as Springer for all the students.



On Campus Hostel

MILA student hostel is 5 mins walking distance from the MILA campus. Amenities such as restaurant, banks and medical center are very close to the hostel. All rooms are airconditioned.



No 1 Persiaran MIU, Putra Nilai 71800
Negeri Sembilan

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INTAKE : MARCH ● JULY ● SEPTEMBER



MASTER OF

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This Master of Science in Engineering at MILA University is a research-based master programme. Designed to introduce and train you to conduct proper scientific research in the field of engineering and computing.

You will learn formally the research methodology most appropriate for your proposed research, how to prepare a research proposal and defend your proposal, to conduct research, prepare technical publication, prepare a thesis, and defend your research finding.

Entry Requirements Approved by MOHE

- i. **A Bachelor's degree (Level 6, MQF)**
in the field or related fields with a minimum CGPA of 2.75 or equivalent, as accepted by the University Senate.
- ii. **A Bachelor's degree (Level 6, MQF)**
in the field or related fields with a minimum CGPA of 2.50 and not meeting CGPA of 2.75, can be accepted subject to rigorous internal assessment.
- iii. **A Bachelor's degree (Level 6, MQF)**
in the field or related fields with a minimum CGPA of 2.00 and not meeting CGPA of 2.50, can be accepted subject to a minimum of five years working experience in the relevant field and rigorous internal assessment.

*For International students, TOEFL score of 500 OR IELTS score by 5.0 OR it equivalent. If a student does not meet this requirement, Higher Education Provider (HEP) must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.

Note: Students graduated from universities in which the medium of instruction is English are exempted from the English requirement

Programme Structure / Outline

Master of Science in Engineering

- Computing
- Electrical & Electronic Engineering
- Chemical Engineering
- Mechanical Engineering
- Civil Engineering

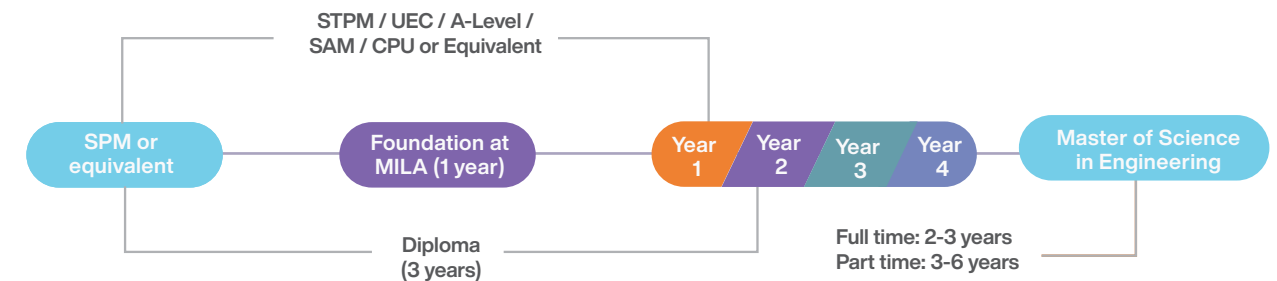
The research conducted at the school is heavily reliant on the knowledge available, and research clusters are developed based on this expertise. As a result, this programme will provide and/or supervise research projects centred on these study clusters. This programme provides a comprehensive view on research methods and experimental designs related to the field of Engineering.

- Technology Development and Sustainable Construction
- Robotic and Intelligence Systems
- Artificial Intelligence and Neural Networks
- Smart Grid and Sustainable Energy Systems,
- Process Safety and Environmental
- Advanced Materials and Chemical Manufacturing Technology

Full Time / Part Time

Mode of Study: By Research
Course work - Research Methodology, & Seminar

MILA Pathways



Career Prospects

- | | |
|------------------------------|-------------------------------------|
| Equipment Systems Engineer | Data Scientist |
| Validation Engineer | Production Engineer |
| IT Solution Architect | Academia |
| Control Systems Engineer | Entrepreneur |
| Project Manager | Robotics Engineer |
| Data / Cyber Security Expert | Research and Development Specialist |



- Strong Industry & Academic network
- Accreditation by professional body (ACCA, BEM, EAC, more...)
- World-renowned faculty members - leaders in their respective fields
- 49 state-of-the-art labs for engineering, science, and mass communication - the highest in Malaysia
- Industry relevant syllabus
- Appointed center for CompTIA (cyber security) and Pearson-LCCI
- 1st green lake campus in South-East Asia
- Recognized as Industry Centre of Excellence (ICoE) for biotechnology program