Master of Science Program in
ARTIFICIAL INTELLIGENCE
(MSc AI)
EMPOWERING TOMORROW’S AI LEADERS
Thinking of preparing yourself for senior positions in the engineering industry? Looking for reliable support to empower you to pursue your academic goals?

Welcome to the School of Engineering of The Hong Kong University of Science and Technology (HKUST), a global engineering powerhouse and one of Asia's top academic faculties.
Why Study at HKUST

- Located in Hong Kong
- Affordable Tuition
- A Broad Range of Specializations Available
- Guaranteed 24-month Visa to Work in Hong Kong
- International Faculty

Selected University and Subject Rankings

QS World University Rankings by Subject 2024
Data Science and Artificial Intelligence
(No.1 in Greater China, No.3 in Asia)

THE Global Employability University Ranking and Survey 2024
(No.1 in Hong Kong, No.3 in Greater China)

THE World University Rankings by Subject: Engineering
(No.1 in Hong Kong, No.5 in Greater China, No.8 in Asia)

General Information

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<th>Mode of Study</th>
<th>Both full- and part-time</th>
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<td>Normative Program Duration</td>
<td>Full-time: 1 year</td>
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<td>Part-time: 2 years</td>
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<td>Program Fee (2025/26 Intake)</td>
<td>HK$360,000</td>
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The field of Artificial Intelligence (AI) has experienced rapid development over the past decade and has significantly impacted various industries and evolved beyond being solely an area of computer science. Our MSc (AI) program is designed for the evolving AI landscape and caters to the increasing demand for AI experts. It is tailored for graduates and professionals looking to deepen their AI knowledge in this dynamic and fast-growing area.

Curriculum

Students are required to complete a total of 30 credits, including 12 credits of core courses, 12 credits of elective courses and a 6-credit Capstone Project course. Students are advised to commence the Capstone Project after completing all core courses.

Course List

**Core Courses (12 credits)**
- Advanced Python Programming for Artificial Intelligence
- Foundations of Artificial Intelligence
- Foundations of Machine Learning
- Artificial Intelligence Ethics

**Elective Courses (12 credits)**
- Specialized AI Technology Courses (at least 6 credits):
  - Machine Learning for Computer Vision
  - Machine Learning for Natural Language Processing
  - Foundation Models and Generative Artificial Intelligence
  - Reinforcement Learning
- Application-oriented AI Courses (at least 3 credits):
  - Human-Computer Interaction
  - Medical Image Analysis
  - Artificial Intelligence in Cybersecurity
  - Artificial Intelligence in Healthcare
  - Artificial Intelligence in Software Engineering

**Special Topics**: 6000 Special Topics

**Compulsory Practicum Training (6 credits)**
- Capstone Project
Admission and Requirements

- Applicants must possess a bachelor’s degree in Computer Engineering, Computer Science or a related discipline.
- Applicants with a bachelor’s degree in other disciplines must have at least two years of post-qualification work experience relevant to the program.

English Language Requirements
English proof (TOEFL or IELTS) is required for applicants from universities where English is not the medium of instruction.

For more details on admission requirements and procedures, please refer to our program website by scanning the QR code below.

Career Prospect
Graduates can pursue a wide range of career opportunities in various sectors beyond traditional Computer Science and Engineering roles both locally and globally. They can explore job prospects not only in large companies but also in startups.
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