Master of Science Program in

ARTIFICIAL INTELLIGENCE
▶ (MSc AI) ◀

EMPOWERING
TOMORROW'S
AI
LEADERS

About
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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

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

#29

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

#33

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

▶▶▶ General Information

Mode of Study	Both full- and part-time
Normative Program Duration	Full-time: 1 year Part-time: 2 years
Program Fee (2025/26 Intake)	HK$360,000

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
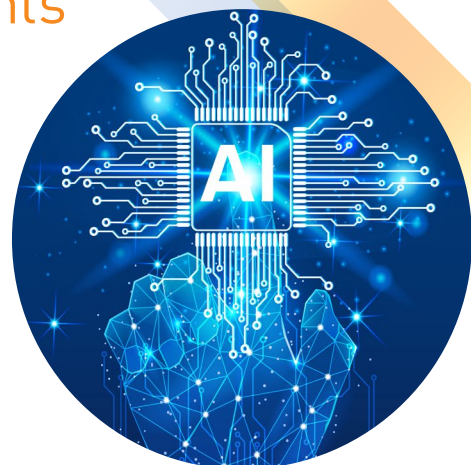
Special Topics: 6000 Special Topics

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

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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