

AI AND ENTREPRENEURSHIP



Selected University and Subject Rankings

10
World

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 2025
(No.1 in Hong Kong, No.3 in Greater China)

24
Global

13
World Engineering

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

Introduction

Artificial Intelligence (AI) has emerged as a transformative force in recent years, driving significant scientific advancements and innovative applications across various sectors. The program aims to cultivate AI experts who can develop novel AI technologies, and identify and evaluate **AI entrepreneurship opportunities**. Through a combination of courses, seminars and a year-long internship, students will gain deep technical knowledge and advanced skills in AI, enabling them to contribute original insights and innovative solutions to complex challenges in the field.

General Information

Mode of Study	Full-time
Normative Program Duration	2 years
Program Fee (2025/26 Intake)	HK\$500,000 (to be paid in 2 installments)
Total Credits	36 credits

Curriculum

Students are required to complete a total of 36 credits, including **9 credits of core courses**, **21 credits of elective courses** and **6 credits of practicum**. All the core and elective courses are normally held on weekday evenings as well as Saturday mornings or afternoons in Hong Kong, while the year-long practicum will be conducted in Shanghai, normally in the second year of studies.

Course List

(Each course is typically three credits, unless specified otherwise)

Core Courses **9** Credits

- ▶ Artificial Intelligence Ethics
- ▶ Foundations of Artificial Intelligence
- ▶ Programming for Artificial Intelligence

Practicum **6** Credits

- ▶ Innovation Management for AI (1 credit)
- ▶ Internship and Entrepreneurship for AI (5 credits)

Elective Courses **21** Credits

Introductory Computer Science and Artificial Intelligence Courses (at least 3 courses)

- ▶ Computer Vision
- ▶ Design and Analysis of Algorithms
- ▶ Machine Learning
- ▶ Natural Language Processing
- ▶ Theory of Computation

Advanced Artificial Intelligence Technology Courses (2 courses)

- ▶ Artificial Intelligence Security and Privacy
- ▶ Generative AI and Large Language Models
- ▶ Machine Learning System

Advanced Technology Innovation and Entrepreneurship Courses (2 courses)

- ▶ Entrepreneurial Me
- ▶ Startup Seminars for AI



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

Application

For admission details and procedures, please refer to HKUST Fok Ying Tung Graduate School.

Application Deadlines

2025/26

Fall intake (Sep 2025)

Round 1
28
FEB
2025

Round 2
30
APR
2025

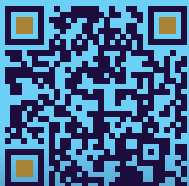
Round 3
1
JUN
2025

Apply Now



Career Prospect

Graduates of this program can pursue a myriad of career opportunities across various sectors, significantly expanding the traditional career paths available to Computer Science and Engineering graduates. They are anticipated to enjoy extremely high placement rates, with numerous opportunities to ascend to leadership positions as technology-based innovators, product managers, core engineers, and more.



Enquiries: seng.hkust.edu.hk/msc/aie mscaie@ust.hk

Professional Program Office
Room 5601 (5/F, Lift 29/30), School of Engineering
The Hong Kong University of Science and Technology
Clear Water Bay, Kowloon, Hong Kong