Master of Science (MSc) Program in Computer Science and Engineering *

Program Director:

Yunhao LIU, Associate Professor of Computer Science and Engineering

The Master of Science (MSc) program in Computer Science and Engineering focuses on strengthening students' knowledge in certain areas of computer science and on exposing them to issues involved in the development of scientific, educational, and commercial applications of computer systems. This level of advanced education is in great demand in most industrial societies, as many multinational companies require their technical employees to hold a master's degree. Holders of this degree are qualified to be technical leaders in industrial, research or development organizations.

Admission Requirements

Applicants must possess a bachelor's degree in Computer Science or a related science or engineering field. Students must also demonstrate sufficient command of English.

Program Fee

The per-credit fee for the program is HK$2,700.

Curriculum

Students are required to complete 30 credits of coursework including the following:

- 27 credits of course, independent study or project credits, with at least 3 credits of courses each in at least four of the following areas:
    - Foundations of Computer Science
    - Artificial Intelligence
    - Networking and Computing Systems
    - Data, Knowledge and Information Systems
    - Software and Applications
    - Vision and Graphics
- COMP 6911/6912 Computer Science and Engineering Seminar I/II (1-2 credits); and
- LANG 5001 Postgraduate English for Academic Purposes (1 credit).

Courses may be taken from course offerings for either the MPhil/PhD (CSE) or the MSc (IT) programs. Students should read the course descriptions carefully to note exclusions among courses offered by these programs.

Credit Transfer

Students transferring to the program from a research postgraduate program of the University may be granted credit transfer of up to 17 credits of coursework that have not been used for another academic award.

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* Currently, this program does not admit new students.