# Master of Science in
# Computer Science

## Regular Faculty Members

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|---|---|---|
| YAO, Chi Chih Andrew | Distinguished Professor-at-Large | Ph.D., University of Illinois, Urbana-Champaign |
| BOGDANOV, Andrej | Assistant Professor | Ph.D., University of California, Berkeley |
| CAI, Leizhen | Professor | Ph.D., University of Toronto |
| CHAN, Lai Wan | Professor | Ph.D., University of Cambridge |
| FU, Ada Wai Chee | Associate Professor | Ph.D., Simon Fraser University |
| HENG, Pheng Ann | Professor | Ph.D., Indiana University |
| JIA, Leo Jiaya | Assistant Professor | Ph.D., Hong Kong University of Science and Technology |
| KING, Irwin Kuo Chin | Associate Professor | Ph.D., University of Southern California |
| LAU, Lap Chi | Assistant Professor | Ph.D., University of Toronto |
| LEE, Jimmy Ho Man | Professor | Ph.D., University of Victoria |
| LEE, Kin Kong | Associate Professor | M.Sc., University of Manchester |
| LEE, Moon Chuen | Associate Professor | Ph.D., University of London |
| LEE, Pak Ching Patrick | Assistant Professor | Ph.D., Columbia University |
| LEUNG, Ho Fung | Professor | Ph.D., University of London |
| LEUNG, Kwong Sak | Professor of CS & E | Ph.D., University of London |
| LUI, John Chi Shing | Professor | Ph.D., University of California, Los Angeles |
| LYU, Michael Rung Tsong | Professor | Ph.D., University of California, Los Angeles |
| SUN, Hanqiu | Associate Professor | Ph.D., University of Alberta |
| TAO, Yufei | Professor | Ph.D., Hong Kong University of Science and Technology |
| WAH, Wan Sang | Professor of CS & E | Ph.D., University of California, Berkely |
| WONG, Kin Hong | Associate Professor | Ph.D., University of Cambridge |
| WONG, Man Hon | Associate Professor | Ph.D., University of California, Santa Barbara |
| WONG, Tien Tsin | Professor | Ph.D., The Chinese University of Hong Kong |
| WU, Daivd Yu Liang | Professor | Ph.D., University of California, Santa Barbara |
| XU, Lei | Professor of CS & E | Ph.D., Tsinghua University |
| XU, Qiang | Assistant Professor | Ph.D., McMaster University |
| YOUNG, Evangeline Fung Yu | Associate Professor | Ph.D., The University of Texas at Austin |
| ZHANG, Shengyu | Assistant Professor | Ph.D., Princeton University |

## Entry Requirements

In addition to the general qualifications required for admission to the Gradate School, applicants should have:

1. graduated from a recognised university and obtained a Bachelor's degree in Computer Science, Computer Engineering or related fields, normally with second class honours or higher, or an average grade of 'B' or better in undergraduate courses; or

2. completed a course of study in tertiary educational institutes and obtained professional or similar qualifications equivalent to an honours degree; or

3. graduated with a first degree in other fields but having extensive computer-related content.

All applicants must also fulfil the 'English Language Proficiency Requirement' as stipulated by the Graduate School before being considered for admission.

## Tuition Fee

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| **Full-time mode (1 year) :** | HK$85,000 (by 3 instalments) |
| **Part-time mode (2 years) :** | HK$85,000 (by 5 instalments) |

## Application Procedure

Deadline for Application : 1st round admission: 17 January 2010

2nd round admission: 28 February 2010

∗ Please check the Programme's website (http://msc.cse.cuhk.edu.hk) for the latest application deadline.

1. Online application and payment of fees can be conducted via the link on the Programme's website http://msc.cse.cuhk.edu.hk.

2. Alternatively, application forms can be obtained from Department of Computer Science and Engineering, The Chinese University of Hong Kong in person or in writing. Completed application forms can then be sent back to the Department. (Please mark 'MSc Application' on the envelope)

## Contact Details

For further information regarding the Programme, application forms or other enquiries, please contact us using any of the methods below. Additional information concerning the program is available from the Programme website **http://msc.cse.cuhk.edu.hk**.

**Master of Science Programme in Computer Science**

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Room 1028, Ho Sin Hang Engineering Building
The Chinese University of Hong Kong
Sha Tin
Hong Kong Special Administrative Region
China
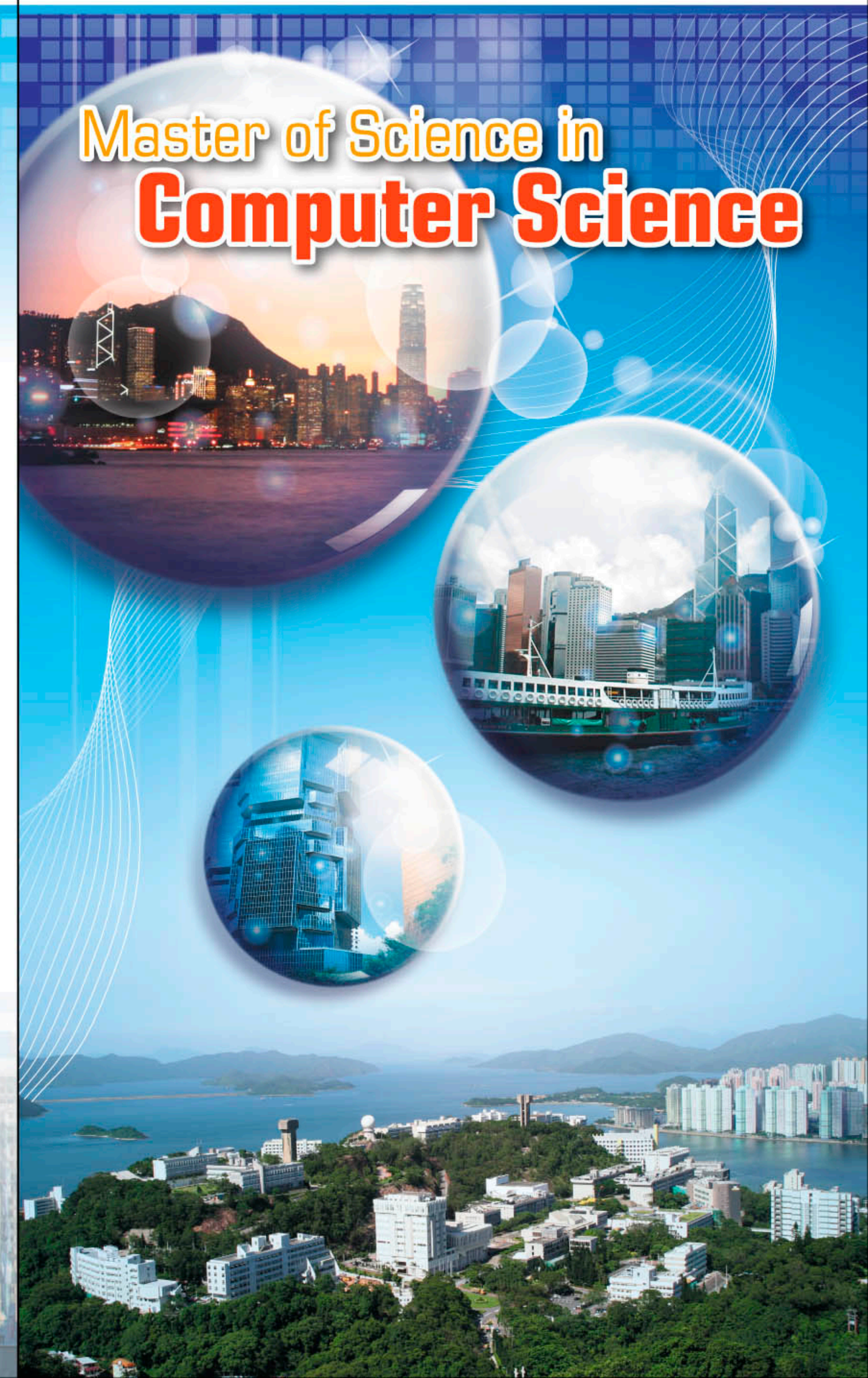Tel: +852 2609 8485
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香港中文大學
The Chinese University of Hong Kong

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## Introduction

Information Technology (IT) has been playing a very important role in the development of modern civilization. The prosperity and productivity of our society depend on its successful transformation into IT-based, knowledge-driven economies. This mega-trend and urgent need have created ample opportunities as well as challenges to the younger generation. In particular, well-trained and qualified graduates in Computer Science are valuable human resource for the acceleration of the transformation process.

## Objectives

Our M.Sc. Programme in Computer Science aims to

1. provide a postgraduate level knowledge in computer science.

2. provide a core level of generic skills related to written and oral communication, literature reviews, and problem analysis.

3. provide a positive attitude towards teamwork, leadership opportunities, open presentation of new thoughts, application of computer science knowledge, and adapting solutions to reflect social, economic, environmental, health and safety considerations

## Main Features

- **Prestige:** Graduates shall receive a Master's Degree from The Chinese University of Hong Kong, a world renowned comprehensive research university ranked 2nd in Asian University Rankings and 46th in World University Rankings *(QS World University Rankings 2009)*.

- **Reputation:** The University is ranked 24th in the world and the BEST in the Asia/Pacific Region in Computer Science *(Academic Ranking of World Universities in Computer Science – 2009)*, also ranked the BEST in research performance in Computer Science / Information Technology among all Hong Kong Tertiary Institutions. *(Result of the most recent Research Assessment Exercise carried out by the Hong Kong University Grants Council).*

- **Quality:** All courses offered will be taught by internationally renowned scholars.

- **Variety:** Students can choose from a broad spectrum of courses in software technology, information technology, project management, computer security, computational finance, artificial intelligence, and others.

- **Flexibility:** Students can select from a wide range of day time courses and evening time courses, and complete their studies in 2 years on a part-time basis, or in 1 year on a full-time basis.

- **Career opportunity in Hong Kong, Asia's World City:** Non-local full-time graduates may apply to stay/return and work in Hong Kong under the Immigration Arrangements for Non-local Graduates (IANG).[1]

[1] Please refer to http://www.immd.gov.hk/ehtml/id991.htm#II for details.

## Award of Degree

Graduates will receive a Master of Science Degree in Computer Science from The Chinese University of Hong Kong if you
- satisfy the credit unit requirement and GPA requirement, and
- pass the 'IT Proficiency Test' of the University.

Graduates who are placed on the Dean's list will receive a scholarship of Five Thousand Hong Kong Dollars (HK$5,000).

## Venue & facilities

All day time classes are scheduled in classrooms on the University's Sha Tin campus next to the Mass Transit Railway (MTR) University Station, and evening classes will be held in classrooms in the HKPC Building near the MTR Kowloon Tong Station. Students have access to all facilities of the Department of Computer Science and Engineering, and of the University.

## Programme Organisation

Full-time students must complete 8 courses within 1 year and part-time students must complete 8 courses in 2 years. Students can select courses from the day time postgraduate courses as well as evening time postgraduate courses offered by the Department of Computer Science and Engineering. Subject to the approval of the Programme Directors concerned, students may also select at most 2 courses from graduate courses of other M.Sc. Programmes within the Faculty of Engineering.

Some courses are approved by Continuing Education Fund (CEF) of the Hong Kong Special Administrative Region Government, and Hong Kong students who are eligible can receive a rebate from the Continuing Education Fund.

More details can be found on the Programme website **http://msc.cse.cuhk.edu.hk.**