# Division of Systems Engineering and Engineering Management

The Division of Systems Engineering & Engineering Management offers a suit of research and taught programmes within Faculty of Engineering at The Chinese University of Hong Kong. Our emphasis is placed on the integration of identifying issues in the business practices, mathematical modeling skills, and solutions with the help of information technologies. Students will be trained in these aspects and are expected to master the theory and practice of a research topic arising from the area.

*MPhil-PhD in Systems Engineering and Engineering Management*          *Admission Code: SEM*

## Programme

### MPhil Stream

Each MPhil student is required to complete at least 4 graduate courses with a total of 12 units, and must register for the relevant Thesis Research Course in every term throughout his/her study period.

Each MPhil student is required to submit a thesis and pass the oral defence of the thesis for graduation.

### PhD Stream Pre-candidacy*

Each PhD student is required to complete at least 4 graduate courses with a total of 12 units during the pre-candidacy stage, including at least 1 faculty core course, and must register for the relevant Thesis Research Course in every term throughout his/her study period.

Each PhD student is required to pass a written candidacy examination within the maximum period of his/her pre-candidacy stage for the advancement to his/her postcandidacy stage. The purpose of this examination is to test the student's basic knowledge and understanding in the SEEM discipline.

Each PhD student is required to submit a written thesis proposal and pass the oral defence of the proposal within the maximum period of his/her pre-candidacy stage.

### PhD Stream Post-candidacy

Each student is required to complete at least 1 graduate course with a total of 3 units during the post-candidacy stage, and must register for a Thesis Research Course every term throughout his/her study period.

Each student is required to submit a thesis and pass the oral defence of the thesis for graduation. Please visit the Division's homepage for more information.

## Fields of Specialization

- Information Systems / Database Systems
- Logistics and Supply Chain Management
- Operations Research / Management Science
- Financial Engineering

## Admission Requirements

Applicants must meet the general qualification required for admission to the Graduate School[1] and they should normally hold an honours bachelor degree in engineering, applied mathematics, computer science, or related area.

Graduate Record Examination (GRE) Test may be required by the Division Head to ensure that the applicants have the proper preparation.

## Additional Application Information

An applicant is required to submit a research proposal with a list of projects (if any) and publications (if any). Selection by interview.

### Admission Advisor

Prof. YU, Xu Jeffrey

### Application Deadline

**1 December 2016**
- For applicants who apply for PhD programme through the Hong Kong PhD Fellowship Scheme (HKPFS)[2]
- 1st round applications who apply for MPhil/PhD programme directly with CUHK

**31 January 2017**
For applicants who apply for MPhil/PhD programme directly with CUHK (i.e. non-HKPFS applicants)

* Subject to the final approval of the Faculty Board, students in the PhD Stream will be required to complete at least 7 courses (21 units) as the minimum graduation requirement starting 2017-18 entry.

## CONTACT METHODS

Address  :  Division of Systems Engineering &
            Engineering Management,
            Room 609, William M.W. Mong
            Engineering Building, The Chinese University
            of Hong Kong,Shatin, NT, HK

Tel       :  3943-8303 / 3943-8470
Fax       :  2603-5505
Website  :  www.se.cuhk.edu.hk
Email     :  gradinfo@se.cuhk.edu.hk

1  For the general qualifications required for admission to the Graduate School, please refer to pages 16-17.
2  For information on HKPFS, please refer to page 17.