



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

Code: SEM

MPhil Stream

Each MPhil student is required to complete at least 4 graduate courses with a total of 12 units, with at least 3 courses being SEG coded courses for graduation, 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 12 units during the pre-candidacy stage, 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 post-candidacy 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 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 School¹ 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

Admission Advisor : Prof. ZHANG, Shuzhong

Application Deadline : 28 February 2010 (MPhil Stream)
Throughout the year (PhD Stream)

Contact Methods

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1. For the general qualifications required for admission to the Graduate School, please refer to pages 18-19.