



## Division of Information Engineering

The Division of Information Engineering seeks outstanding research students who are aspired to make high impact innovations and fundamental discoveries to start their challenging career here. Our professors are world-class researchers. Our laboratories are well-equipped. Our courses cover the fore-front of current research in information engineering. Students can explore different topics in the areas of communications, networking and information processing, and are encouraged to perform original theoretical, experimental and / or application research, leading to the advancement of information engineering.

### MPhil-PhD in Information Engineering

Code: IEN

#### Programme

##### MPhil Stream

Students are required to complete four graduate courses approved by the Division. In addition, a research project is required for which a thesis is to be submitted upon graduation. The residence requirement for part-time students is one day per week.

##### PhD Stream

Students are required to complete four graduate courses approved by the Division. Students must pass a qualifying examination, and carry out a substantial amount of research work resulting in a thesis with original findings. The admission of part-time students is based on their academic records and the condition that they can devote adequate amount of time for the completion of the study. The residence requirement for part-time students is one day per week.

Please visit the webpage: [www.ie.cuhk.edu.hk](http://www.ie.cuhk.edu.hk) for more information.

#### Fields of Specialization

- Communications: Broadband Access Technology, Wireless Communications, Multimedia Communications, Optical Communication and Lightwave Networks.
- Networking : Internetworking and Network Management, Switching and Routing, E-commerce, Web Engineering and Applications.
- Information Processing: Information and Coding Theory, Security Technology, Data Compression, Visual Information Processing, Pattern Recognition and Computer Vision.

#### Admission Requirements

Please refer to the general qualification required for admission to the Graduate School<sup>1</sup>.

#### Additional Application Information

All applicants should submit a research proposal, a resume with publication list & research projects, and CET-6 of PRC or TOEFL (for non-local university graduates from non-English speaking countries). In addition, applicants may be required to attend an interview.

Admission Advisor : Prof. CHEUNG, Kwok Wai

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.