CityU
香港城市大學
City University of Hong Kong

專業 創新 胸懷全球
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For The World

POSTGRADUATE CERTIFICATE IN
INFORMATION SECURITY

Department of Computer Science

PROGRAMME CODE: P53-C

Early application is strongly encouraged. Applications normally start in mid-November and are processed on a rolling basis. Review of applications will start before the deadline and finish as soon as all places are filled.

For application deadline, tuition fees and other information, refer to the following Website.

http://www.cityu.edu.hk/pg/programme/P53-C

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PGCINSE

POSTGRADUATE CERTIFICATE IN INFORMATION SECURITY (P53-C)

DEPARTMENT OF COMPUTER SCIENCE | CITY UNIVERSITY OF HONG KONG

PROGRAMME AIMS

This Postgraduate Certificate in Information Security (PGCINSE) programme is designed to provide IT professionals with a solid background in the theory and practice of information security.

The student will acquire in-depth understanding of state-of-the-art techniques in the design of secure information systems, encompassing issues in the protection of data during processing, storage and transmission, and the implementation of secure computer systems and networks.

A set of elective courses provide exposure to such topics as information security management policies, privacy protection and cloud computing.

CURRICULUM

To be awarded the Postgraduate Certificate in Information Security, a student must acquire a minimum of **12 credit units**, composed of:

3 credit units from core course   **9** credit units from elective courses*

*at least 3 credit units from those in Group I

This part-time programme can be completed within one year (two courses per semester).

The maximum period of study in the programme is 2.5 years.

Core Course - 3 credit units

Information Security for eCommerce

Elective Courses - 9 credit units

The list of Electives is divided into two groups: Group I and Group II. Each course is worth 3 credit units. Students are required to take 9 credit units of Electives, including **at least 3 credit units of Electives in Group I**.

Group I Electives	Group II Electives
Topics on Information Security	Computer Networks and Internets
Privacy-enhancing Technologies	Cryptography: Theory and Practice
Guided Study	Information Security Technology Management
	Cloud Computing: Theory and Practice

Note: Courses offered in each semester are subject to actual student enrolment, staff availability and other considerations.

Upon graduation from the PGCINSE programme, students may further their studies by applying for the Master of Science in Computer Science (MSCS) programme with credit transfer of a maximum of 9 credit units, or the Master of Science in Electronic Commerce (MSEC) programme with credit transfer of a maximum of 6 credit units of the MSEC core courses.

Alternatively, students may opt to further their studies by applying for programme transfer to the MSCS programme with up to a maximum of 4 completed courses recognized as fulfilling the MSCS requirements, or the MSEC programme with up to a maximum of 2 completed core courses recognized as fulfilling the MSEC requirements.

ENTRANCE REQUIREMENTS

UNIVERSITY ENTRANCE REQUIREMENTS

Applicants for admission to the University's Postgraduate Certificate, Postgraduate Diploma or Taught Master's Degree programmes must:

- hold a bachelor's degree from one of the universities in Hong Kong or from an overseas institution recognised for this purpose by the University; or

- hold such other qualifications as deemed acceptable by the University as equivalent to the above.

PROGRAMME ENTRANCE REQUIREMENTS

A recognised bachelor's degree in a computing discipline such as

- **Computer Studies**
- **Information Technology**
- **Computer Engineering**
- **Information Systems**

OR

A recognised bachelor's degree in a related discipline such as

- **Electronic Engineering**
- **Applied Mathematics**
- **Manufacturing Engineering**
- **Quantitative Analysis**

together with applicable working experience in information technology

ENGLISH PROFICIENCY REQUIREMENTS

Applicants whose entrance qualification is obtained from an institution where the medium of instruction is not English should also fulfill the following:

✓ **TOEFL**
A score of **550** (paper-based test), or **59** (revised paper-delivered test), or **79** (Internet-based test)

OR

✓ **IELTS**
An overall band score of **6.5** in International English Language Testing System (IELTS)

OR

✓ **CET-6**
A score of **450** in the new College English Test Band 6 (CET-6) of Chinese mainland, or a pass in the old CET-6 test

✓ **OR other equivalent qualifications**

For more details, please refer to http://www.cs.cityu.edu.hk/academic/pgcinse