



香港城市大學
City University of Hong Kong

專業 創新 胸懷全球
Professional·Creative
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.sgs.cityu.edu.hk/programme/P53-C>

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POSTGRADUATE CERTIFICATE IN INFORMATION SECURITY

DEPARTMENT OF COMPUTER SCIENCE | CITY UNIVERSITY OF HONG KONG

PROGRAMME AIMS

This 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 additional exposure to such topics as information security management policies, cryptography 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 required 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.

Required 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

Topics on Information Security
Privacy-enhancing Technologies
Guided Study

Group II Electives

Computer Networks and Internets
Cryptography: Theory and Practice
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 Postgraduate Certificate in Information Security programme, students may continue their studies by applying for the Master of Science in Computer Science programme, with credit transfer of a maximum of 9 credit units.

Alternatively, students may opt to continue their studies by programme transfer to the Master of Science in Computer Science programme, with credit transfer of a maximum of 12 credit units.

ENTRANCE REQUIREMENTS

To be eligible for admission, you must have:



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

Applicants whose entrance qualification is obtained from an institution where the medium of instruction is not English should also fulfill at least one of the following minimum English proficiency requirements

✓ TOEFL

A score of **550** (paper-based test), or **213** (computer-based test), or **79** (Internet-based test); OR

✓ IELTS

An overall band **6.5** in International English Language Testing System; OR

✓ CET6

A score of **450** in the new College English Test 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/pgcinsc>