



Department of Computer Science

香港城市大學
City University of Hong Kong

Bachelor of Science
in

CYBERSECURITY

理學士(網絡安全)

JUPAS Catalogue No.

JS1218

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BACHELOR OF SCIENCE IN CYBERSECURITY

Why Cybersecurity?

Cybersecurity is a vital and dynamic field driven by the increasing digitalization of our world.

Our BSc Cybersecurity programme will equip students with the specialized knowledge and skills required to safeguard digital assets, respond to cyber threats, and mitigate the escalating risks of cybercrime. With the growing reliance on technology across all sectors, the demand for cybersecurity professionals has surged, offering an intellectually stimulating and impactful career path.

Programme Aims

Provide a comprehensive undergraduate education with a balanced emphasis on both foundational computer science and systematic cybersecurity training.

Ensure that students gain a solid understanding of the cybersecurity principles, practical skills in various security domains, and the managerial knowledge required to oversee or contribute to a cybersecurity team, all built upon a solid foundation of computer science education.

Features



Comprehensive Curriculum

Blends theoretical knowledge with practical application, covering Software Security, OS Security, Network Security, Web Security, Private-enhancing Technologies, Mobile and IoT Security, and more.



Hands-on Practical Training

- Security-related industrial internships to gain real-world work experience
- Security-oriented Final Year Projects to apply learned skills in a practical setting
- Assist students to obtain significant industrial certificates (e.g. OSCP/OffSec, CISSP)



Guidance from Seasoned Industry Professionals

Guest lectures featuring case studies by security practitioners to bring latest insights to prepare students for their careers in the field.

Summer Programmes



Internships



Student Exchange



Enrichment Activities

Company Visits



Research Mentoring



Professional Mentorship



Career Prospects

Cybersecurity is a rapidly expanding field that presents numerous employment prospects for qualified professionals. Graduates specializing in cybersecurity have a wide array of career paths to explore.

Entry-Level Cybersecurity Personnel



Help Desk Technicians



Network Administrators



Software Developers

Specialized Cybersecurity Analyst



Security Architects



Cybersecurity Managers



Chief Information Security Officers



Security Consultants

Admissions

Minimum Entrance Requirements for JUPAS HKDSE Students ▼

HKDSE Core Subjects

English Language

Level 3

Chinese Language

Level 3

Mathematics

Level 3

Citizenship and Social Development

Attained

HKDSE Elective Subjects (including M1/M2)

Elective 1

Level 3 in one elective subject from:

- Biology
- Chemistry
- Information and Communication Technology
- Math (M1/M2)
- Physics

Elective 2

Level 3 in ANY elective subjects