Bachelor of Computer Science

BCS

NMTSS

1 Year Tuition fee **HKD 64,720** *

* Non-means-tested Subsidy Scheme (NMTSS) for Self-financing Undergraduate Studies in Hong Kong

FACULTY OF
SCIENCE AND TECHNOLOGY

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Accredited by
Australian Computer Society

by meeting its requirements for membership at a
"Professional Level"

UOW COLLEGE HONG KONG 香港伍倫貢學院

Part of **UNIVERSITY OF WOLLONGONG AUSTRALIA**

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Programme Features

The Bachelor of Computer Science is a top-up programme that covers a comprehensive range of subjects that equip students with vital knowledge and skills in key areas of computer science, including advanced programming, software development, and cutting-edge domains like cybersecurity, cloud computing, and big data. This one-year top-up programme, offered by the University of Wollongong, is accredited by the Australian Computer Society (ACS) by meeting its requirements for membership at a "Professional Level" since 2009. This programme guarantees a high-quality education and prepares students for a successful career in the field of computer science.

Graduate Outcome

This programme produces graduates who are well-equipped with essential knowledge and skills in computer science, ready to excel in various roles in all related sectors of the IT field.

Competency Achieved

Students will have a strong competency in computer science fundamentals, programming, artificial intelligence, machine learning, and emerging technologies, which equip them with the skills to design and implement innovative solutions, analyze complex data sets, and contribute to advancements in artificial intelligence and its applications.

Main Subject Areas

Core Concepts and Fundamentals
- IT Project Management
- Introduction to Web Technology
- Human Computer Interaction
- Database Systems

Advanced Programming and Software Development
- Advanced Programming
- Software Development Methodologies
- Software Design
- Project

Cutting-Edge Computing Domains
- Cybersecurity
- Cryptography and Secure Applications
- Big Data Management

Career Prospects

Graduates will be competent for a wide range of computer science jobs across various sectors, which include:
- Computer Programmer
- Computer Scientist
- Computer Systems Architect
- Graduate Analyst/Programmer
- Robotics Engineer
- Software Designer

Further Studies Pathways

(below is not exhaustive but only aims to show some examples)

University of Wollongong
- Master of Computer Science
- Master of Information Technology
- Master of Information and Communication Technology Advanced

The Hong Kong University of Science and Technology
- Master of Science in Big Data Technology
- Master of Science in Information Technology

City University of Hong Kong
- Master of Science in Computer Science

Hong Kong Baptist University
- Master of Science (MSc) in AI and Digital Media

The Hong Kong Polytechnic University
- Master of Science in Blockchain Technology
- Master of Science in Information Technology
- Master of Science in Metaverse Technology