DATA SCIENCE

at
CITY UNIVERSITY OF HONG KONG

JOIN US NOW!
www.cityu.edu.hk/sdsc
City University of Hong Kong offers two unique undergraduate programmes aimed at nurturing and developing students to become data science professionals who are able to discover applicable knowledge to support social and economic development in Hong Kong and beyond.

WHAT IS DATA SCIENCE?

Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from data. It employs techniques and theories within the context of mathematics, statistics, and computer science. It can add value to businesses by utilizing their data. Data science aims to help solve many important problems ranging from smart city to management to finance.

WHY STUDY DATA SCIENCE?

Recently, business and industries powered by data science experienced a sharp growth. Various companies and organizations in Hong Kong and beyond are developing their own data analytics units. Numerous start-ups and incubation firms focus their energy on data science. Data science is becoming a new career and a popular one too.

WE PROVIDE

DATA SCIENCE PROGRAMMES

City University of Hong Kong offers two unique undergraduate programmes aimed at nurturing and developing students to become data science professionals who are able to discover applicable knowledge to support social and economic development in Hong Kong and beyond.

School of Data Science (JS1071)
(Options: BSc Data Science, BEng Data and Systems Engineering)

Data Science focuses on solving problems and advancing societies using vast amounts of data. Students of JS1071 will have a free choice of majors (BSc Data Science or BEng Data and Systems Engineering) after one year of study.

WHY CITYU?

1st The first School of Data Science in Hong Kong and the region

52nd Ranked 52nd in the world [QS World University Ranking 2020]

5thRanked 5th among the world’s top universities founded in the last 50 years [Times Higher Education (THE) Young University Ranking 2016]

We need Data Science talents to help shape a Smarter Hong Kong.

Dr. Ernest LO
Founder and CEO, Future Impact Lab Ltd.

There is a great demand in the market for technologies and talents in the field of data science ranging from financial application, smart city, mobile commerce, to AI-machine learning, robotics, healthcare, education, and communications.

Dr. James LEI
Acting Director of Intelligent Software and Systems, ASTRI
Bachelor of Science
Data Science (JS1072)

Data Science DEEP
The programme provides essential trainings like quantitative knowledge, statistics, data mining technology and computing tools for emerging real-world applications.

In an inter-professional setting, students are given the tools to build theoretical and methodological knowledge in data science, communication skills and ethic awareness. There are three flexible modules of advanced knowledge:

- Artificial Intelligence (AI)
- Social Media Analytics
- Statistical Learning

Bachelor of Engineering
Data and Systems Engineering (JS1073)

Data Science PLUS
The programme offers solid foundation in data science and intelligent systems, where students will learn to analyse, manage and improve enterprise-class systems using big data. Graduates will be equipped with necessary tools and skills to solve emerging real-world application problems and become big data professionals in the following fields:

- Systems Analytics
- Internet of Things (IoT)
- Smart City
I strongly welcome these programmes as they provide graduates of professional training in data science disciplines to full-up such soaring demand of talents locally and internationally.

Dr. Hua XIANG
Regional Head of Independent Model Review, Asia Pacific, HSBC

The School provides **student exchange and internship opportunities** to our students to gain international perspectives, global engagement and industry experience.

Students may choose between the overseas student exchange opportunities at world-leading institutions provided by the School or the University. Paying the tuition at CityU, students will spend a study semester abroad and may transfer the academic credits earned at the host institution to fulfil the graduation requirement.

The School also partners with premier corporates in a wide range of sectors to offer internship opportunities relevant to our majors. With these placements, students are expected to gain practical knowledge and hands-on experience in real-world applications.