



香港科技大學  
THE HONG KONG UNIVERSITY OF  
SCIENCE AND TECHNOLOGY

# BSc in Data Science and Technology

## 數據科學與技術 (理學士)

A joint program offered by  
Department of Computer Science and Engineering  
and  
Department of Mathematics

Learn Data Science and Technology! Explore Brave New World!  
探索數據科學與技術！發掘新時代潛能！

### Online Mobile Marketing



### Gaming



### Self-Driving Car



### Program Overview:

We are living in a world full of massive data. How to interpret and utilize the data with advanced strategies and technologies? The data science and technology program will equip students with various mathematical tools, data analytical skills and IT technologies to make sense of data obtained from various sources. Through four years training, students are expected to be familiar with basic knowledge of data analytics, programming skills, mathematical modeling. Students will be provided industry experience to apply their knowledge to real life application. This program provides students rigorous training not only on hands-on skills but also on the mathematical and computational background that will give them a solid foundation for their future career.

### Admission:

Students from the School of Science [JUPAS Code 5102 (SSCI-A)] or the School of Engineering [JUPAS Code 5200] through SBA route (School-Based Admission) after they have finished the first year of study and completed the major pre-requisite courses. Selection criteria will follow the rules adopted by the School of Science and the School of Engineering on prioritizing the students' major choices.

**Intake Quota: 40**



SENG  
工學院  
SCHOOL OF  
ENGINEERING

Jointly offered by:

School of 理學院  
Science

dsct.ust.hk





## Career Prospects:

A lot of data specialist/scientist positions are created every day in various business and industry sectors to make use of the massive datasets collected there. Graduates of data science and technology is of high demand in today's job market, and most of them will be employed in those sectors such as IT, engineering, and finance. There will be other career opportunities such as management and sales etc.



## Essential Skills in DSCT:

Probability and Statistics, Data Visualization, Machine Learning, Programming, Cloud Computing, etc.

