

Higher Diploma in IT and Data Analytics

資訊科技及數據分析高級文憑

Application code 報名編號: HDITDA

QF Level 資歷架構級別: 4
 QR Registration No. 資歷名冊登記號碼: 25/001181/L4
 Validity Period 登記有效期: 01/09/2026 – 31/08/2029
 Commencement Date 開課日期: 01/09/2026

Successful completion of this programme leads to an award by HKU SPACE Po Leung Kuk Stanley Ho Community College (HPSHCC)

學生成功修畢課程，將由香港大學專業進修學院保良局何鴻樂社區書院頒授副學位

Programme Aims & Features 課程目標及特點

- Equip students with a solid foundation in IT, data analytics, and emerging technologies such as cloud computing, artificial intelligence, and big data;
- Develop students' technical competencies in programming, database management, data visualisation, and data mining to address real-world challenges;
- Equip students with hands-on experience through industry-relevant projects, placement and practical applications of IT and data analytics tools that will enhance their analytical, critical thinking, and problem-solving skills to enable data-driven decision-making in diverse contexts;
- Prepare students for further academic studies or professional careers in IT, data analytics, and related fields, with a strong emphasis on ethical considerations such as data privacy and information security; and
- Provide a strong academic foundation for students to articulate to degree programmes in IT, data science and other IT-related disciplines.
- 為學生奠定資訊科技、數據分析及雲端計算、人工智能與大數據等新興科技的堅實基礎；
- 培養學生在程式編寫、數據庫管理、數據可視化及數據挖掘的技術能力，以應對現實挑戰；
- 通過行業實務項目、實習安排及資訊科技與數據分析工具的實際應用，增強學生的分析能力、批判性思維及解難技巧，使其能在多元情境中實踐數據驅動決策；
- 幫助學生銜接資訊科技、數據分析及相關領域的升學或職業發展，並特別注重數據私隱與資訊安全等道德規範；
- 為學生銜接資訊科技、數據科學及其他相關學科的學位課程提供穩固學術基礎。

Specialism Courses 專業主修科目

Year 1 一年級

- Introduction to Computer Programming 電腦程式編寫入門
- Introduction to Computer Networks 電腦網絡入門
- Introduction to Database Management Systems 數據庫管理系統入門
- Cloud Computing and Architecture 雲端運算和架構
- Big Data Analytics 大數據分析
- Discrete Mathematics for Computing 離散數學
- Programming for Data Science 數據科學程式編寫

Year 2 二年級

- Statistics for Data Science 數據科學統計學
- Data Mining and Warehousing 數據挖掘與數據倉庫
- Data Visualisation 數據可視化
- Artificial Intelligence and Machine Learning 人工智慧和機器學習
- Data Privacy and Information Security 數據私隱與資訊安全
- Big Data and Business Intelligence 大數據與商業智能
- Project (IT / Data Analytics) or Placement (IT / Data Analytics) 應用智能科技專題項目 / 資訊科技與數據分析實習

Opportunities for Further Studies 升學前景

Graduates are eligible to apply for admission to Bachelor's degree programmes offered by local universities:
畢業生可申請報讀由本地大學開辦的課程：

The University of Hong Kong

- BEng Computer Science
- BEng Artificial Intelligence and Data Science
- BEng Data Science and Engineering
- BSc Marketing Analytics and Technology

The Chinese University of Hong Kong

- BSc Computer Science
- BSc Computational Data Science

The Hong Kong University of Science and Technology

- BSc Computer Science
- BSc Data Analytics and Artificial Intelligence in Science
- BSc Data Science and Technology

The Hong Kong Polytechnic University

- BEng (Hons) / BSc (Hons) Scheme in Information and Artificial Intelligence Engineering
- BSc (Hons) Computer Science
- BSc (Hons) Data Science and Analytics

Contact Us 聯絡我們



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