

# Cyber Security

## 網絡保安

### BSc (Hons) Computer Science (Cyber Security)

Programme Code: IT053D

University of Plymouth, UK  
Application Code: 2150-IT053D



☎ 2587 3223

✉ stephanie.ny.leung@hkuspace.hku.hk

Cyber security is now widely recognised as an international priority, with hacking, malicious code, and data theft being just three of the many reasons why its vital in the design, development and implementation of today's IT systems. Unlike traditional bachelor degree programme (BSc) in Computer Science, this bachelor degree programme (BSc) in Cyber Security delivers a view of security threats and solutions, alongside an essential background in wider IT topics and technology. This is particularly important in light of the national Cyber Security Strategy and the current shortage of related skills in the marketplace.

**R** Applicants should:

- (a) Hold an Advanced Diploma in Computer and Information Security or a Higher Diploma in Information Technology awarded within the HKU system through HKU SPACE;  
OR  
(b) Hold a IT-related Associate Degree awarded within the HKU system through HKU SPACE or a Higher Diploma or an Associate Degree in IT-related disciplines awarded from other tertiary institutions, recognized by University of Plymouth;

AND

- Provide evidence of English proficiency:
  - HKDSE English Language at Level 2;
  - HKCEE English Language at Level 2;
  - HKCEE English Language (Syllabus B) at Grade E (Grade C in the case of English Language (Syllabus A));
  - an overall band of 6.0 or above in the IELTS or a score of 500 in the paper-based TOEFL, a score of 173 in the computer-based TOEFL and a score of 4.5 in the Test of Written English.

\* According to University of Plymouth regulation, mature students and applicants with other equivalent qualifications will be considered on a case-by-case basis.

**\$** HK\$108,000 in four instalments (Year 2: HK\$45,000; Year 3: HK\$63,000)  
Application Fee: HK\$150

**D** 2 years

English

### Advanced Diploma in Computer and Information Security

Programme Code: IT051A

Application Code: 2085-IT051A



☎ 2587 3223

✉ stephanie.ny.leung@hkuspace.hku.hk

Advanced Diploma in Computer and Information Security aims to enhance students' comprehension of fundamental concepts, principles and theories in computer and information security which has been spurred by the pervasive use of computer-based applications such as information systems, databases, and computer programming. Students are also given an understanding of computer systems and architecture, access control mechanisms, cryptography algorithms, software security, physical security, security management and risk management as well as computer forensic technology.

**\$** HK\$44,000 paid in 3 instalments  
Application Fee: HK\$150

**D** 20 months

**Q** Level 4 (Reg. No.: 16/000264/L4) Validity Period: 07 Apr 2016 - on-going

### 電腦鑑證科技 (高中應用學習) 證書

課程編號: IT048A

☎ 3762 0051

✉ d.chau@hkuspace.hku.hk

本課程旨在為學生提供電腦鑑證科技的基礎知識和技術，學生將體驗到鑑證人員的角色和責任。透過搜證數碼資訊的原則和理論，學生將了解電腦鑑證相關的社會和道德問題。

**R** 報讀者必需為課程發展議會 (CDC) 建議下新高中學制之中四學生

**\$** HK\$15,200

**D** 2年

**Q** 資歷架構級別: 3 資歷名冊登記號碼: 15/000860/L3  
資歷名冊登記有效期: 2015年3月31日 - 2025年12月31日

# Data Science

## 數據科學

### MSc Artificial Intelligence

Programme Code: IT083A

Ulster University, UK  
Application Code: 2145-IT083A



☎ 3762 0051

✉ d.chau@hkuspace.hku.hk

The programme aims to prepare students for an industrial career, with skills in the fields of computing, knowledge presentation, reasoning, autonomic computing, robotics, machine learning, computer vision, natural language processing, data analytics in the context of AI, in addition to providing a relevant platform to embark on further research study. Students will also be able to apply the acquired skills in the development of AI systems and applications.

More details



**\$** HK\$120,000 paid in 4 instalments  
Application Fee: HK\$150

**D** 2 years

### MSc Internet of Things

Programme Code: IT084A

Ulster University, UK  
Application Code: 2145-IT084A



☎ 3762 0051

✉ d.chau@hkuspace.hku.hk

The programme aims to prepare students for both an industrial career with skills in the fields of networks, sensor technologies, pervasive computing, embedded systems, signal processing, security, statistical analysis and data analytics in addition to providing a relevant platform to embark on further research study. Students will also be able to apply the acquired skills in the development of Internet of Things (IoT) systems and applications. Students will be introduced all the core taught material and understand a range of topics and skills associated with the creation, evaluation and deployment of IoT systems and applications.

**R** Applicants shall:

- (i) hold a degree with at least 2ii Honours division in computing, engineering or cognate area; OR
- (ii) hold an equivalent qualification such as Graduate Diploma, Graduate Certificate, Postgraduate Certificate or Postgraduate Diploma in the subject areas of computing, engineering or related discipline.

AND

- provide evidence of competence in written and spoken English, such as
  - The honours degree (or equivalent) used as the basis for admission was taught and assessed in English; OR
  - HKDSE English Language at Level 4 or above; OR
  - HKALE Use of English at Grade D or above; OR
  - HKASL Use of English at Grade D or above; OR
  - HKCEE English Language at Level 3 or above; OR
  - an overall band of 6.0 with no subtests lower than 5.5 in the IELTS.

**\$** HK\$120,000 paid in 4 instalments  
Application Fee: HK\$150

**D** 2 years

English

See legend on page 031 圖像說明於第 031 頁

**R** Minimum Entry Requirements 基本入學要求 (P.017)

**\$** Fee 學費

**D** Duration 修業期

Medium of Instruction 教學語言

**Q** Qualifications Framework 資歷架構

**E** Exemption 豁免

**S** Short Course 短期課程

For more and latest programme information, please visit our website  
有關最新課程資訊及詳情，請瀏覽學院網站 [hkuspace.hku.hk](http://hkuspace.hku.hk)

### Advanced Diploma in Big Data Analytics and Applications

Programme Code: IT057A

Application Code: 2145-IT057A



☎ 2587 3256

✉ katrina.hk.knip@hkuspace.hku.hk

This programme is designed to help students develop basic skills in big data analytics. It provides students with the opportunity to gain in-depth knowledge and critical understanding of a range of issues and concepts in Big Data Analytics.

- R** Applicants shall
- have gained in the HKDSE Examination Level 2 in 5 subjects, including English Language; OR
  - have gained in the HKALE Grade E in 1 AL or 2AS subjects, and HKCEE Level 2 in English Language\* or equivalent
  - \* With effect from 2007, HKU SPACE recognizes Grade E previously awarded for English Language (Syllabus B) (Grade C in the case of English Language (Syllabus A)) at HKCEE as an acceptable alternative to Level 2 in this subject at HKCEE.

**\$** HK\$2,000 (to be paid in 2 instalments)  
Application Fee: HK\$150

**D** 1 year

🇬🇧 English

**Q** Level 4 (Reg. No.: 17/000309/L4) Validity Period: 07 Apr 2017 - on-going

### Big Data and Machine Learning in Real Life Applications: An Understanding

Programme Code: IMAT9119

Application Code: 2085-1378NW

☎ 2587 3228

✉ sw.lee21@hkuspace.hku.hk

The programme is designed to help students in developing skills and understanding of the real life applications of big data and machine learning. The programme involves introducing students to the key concepts of big data and machine learning as well as applying those concepts into different industries.

**\$** HK\$2,680

**D** 5 weeks

### 人工智能與機械人 (高中應用學習) 證書

課程編號: IT088A

☎ 2587 3234

✉ sw2.chan@hkuspace.hku.hk

本課程旨在向學生介紹人工智能的概念和機器人技術發展，並通過相關的簡單原型設計與應用，提升他們對新興技術發展的認知。課程內容包括機器人的基礎，由設計到驅動；人工智能編程，其應用和社會問題；以及自動化和系統集成。該課程從而幫助他們進一步修讀相關學科及從事相關行業做好準備。

**D** 2年

**Q** 資歷架構級別: 3 資歷名冊登記號碼: 21/001428/L3  
資歷名冊登記有效期: 2022年1月1日 - 2026年12月31日

## Digital Content Production

### 數碼內容製作

**D** 2年

**Q** 資歷架構級別: 3 資歷名冊登記號碼: 20/000700/L3  
資歷名冊登記有效期: 2021年1月1日 - 2025年12月31日

### 數碼電影製作證書

課程編號: IT037A

報名代碼: 2150-IT037A



☎ 2975 5887

✉ connie.wkc.cheng@hkuspace.hku.hk

本課程旨在介紹數碼電影拍攝、執導、剪輯的基本知識，培訓學員有系統地闡述故事和構想的能力，並且教導學員對電影製作的實際技術，從而能夠掌握製作數碼影像格式於不同平台上播放的知識。本課程適合對影像製作(如電影、網上影片)感興趣的人士、或已加入相關行業的在職人士進修。

**\$** 每課程 HK\$13,200  
報名費用: HK\$150

**D** 6個月

**Q** 資歷架構級別: 2 資歷名冊登記號碼: 11/000173/2  
資歷名冊登記有效期: 2011年1月13日 - 持續有效

課程資訊



### 數碼漫畫設計與製作 (高中應用學習) 證書

課程編號: IT076A

☎ 2975 5887

✉ connie.wkc.cheng@hkuspace.hku.hk

隨著互聯網技術和手提設備的普及，漫畫作品現已可在不同的數碼媒體平台上發佈。漫畫業正在從傳統的紙張繪圖轉向數碼化出版。

**D** 180小時

**Q** 資歷架構級別: 3 資歷名冊登記號碼: 19/001253/L3  
資歷名冊登記有效期: 2020年1月1日 - 2027年8月31日

### 數碼媒體及電台製作 (高中應用學習) 證書

課程編號: IT080A

☎ 2975 5887

✉ connie.wkc.cheng@hkuspace.hku.hk

本高中應用學習課程，旨在培養學生對數碼媒體及電台廣播行業各種概念和技術的認識和理解，及幫助學生探索不斷發展的數碼媒體及電台廣播行業的就業機會，並為促進該行業的發展做好準備。

### 數碼漫畫製作課程

課程編號: IMAT9009

報名代碼: 2150-2082NW

☎ 2587 3228

✉ sw.lee21@hkuspace.hku.hk

隨著eBook電子書漸成風氣，數位製作已是現今出版業的潮流方向，數位繪圖板及軟件更成為提高數位化生產效率的必備工具。本課程介紹利用數位科技創作漫畫的優點，並於課堂上提供Wacom Intuos5數位繪圖板，適合對漫畫、故事繪圖、動畫及遊戲製作有興趣人士報讀，以掌握創作簡單漫畫插圖的能力。

**R** 有興趣人士，均適宜報讀。

**\$** HK\$2,100

**D** 8個星期

🇬🇧 粵語

### HTML5 Cross-Platform Mobile App Development

Programme Code: IMAT9099

Application Code: 2150-2083NW

☎ 2587 3228

✉ sw.lee21@hkuspace.hku.hk

This course is designed around using web development skillsets to develop cross platform mobile apps. Through practical work, students will be able to use HTML/CSS/JavaScript and third-party frameworks as the right tool to develop cross-platform mobile applications.

**R** People who have basic knowledge of HTML/CSS/JavaScript and are interested in cross-platform mobile app development.

**\$** HK\$1,600

**D** 5 weeks

🇬🇧 Cantonese

**NCR1**

This is an exempted course under the Non-Local Higher and Professional Education (Regulation) Ordinance. 根據《非本地高等及專業教育(規管)條例》，本課程屬獲豁免課程。It is a matter of discretion for individual employers to recognize any qualification to which this course may lead. 個別僱主可酌情決定是否承認本課程可令學員獲取的任何資格。

**NCR2**

These are exempted courses under the Non-Local Higher and Professional Education (Regulation) Ordinance. 根據《非本地高等及專業教育(規管)條例》，這些課程屬獲豁免課程。It is a matter of discretion for individual employers to recognize any qualification to which these courses may lead. 個別僱主可酌情決定是否承認這些課程可令學員獲取的任何資格。

**NCR3**

The course operator is applying for exemption under the Non-local Higher and Professional Education (Regulation) Ordinance. 課程主辦人正根據《非本地高等及專業教育(規管)條例》辦理豁免註冊手續。It is a matter of discretion for individual employers to recognize any qualification to which this course may lead. 個別僱主可酌情決定是否承認本課程可令學員獲取的任何資格。