

任白慈善基金電子計算及信息科學院

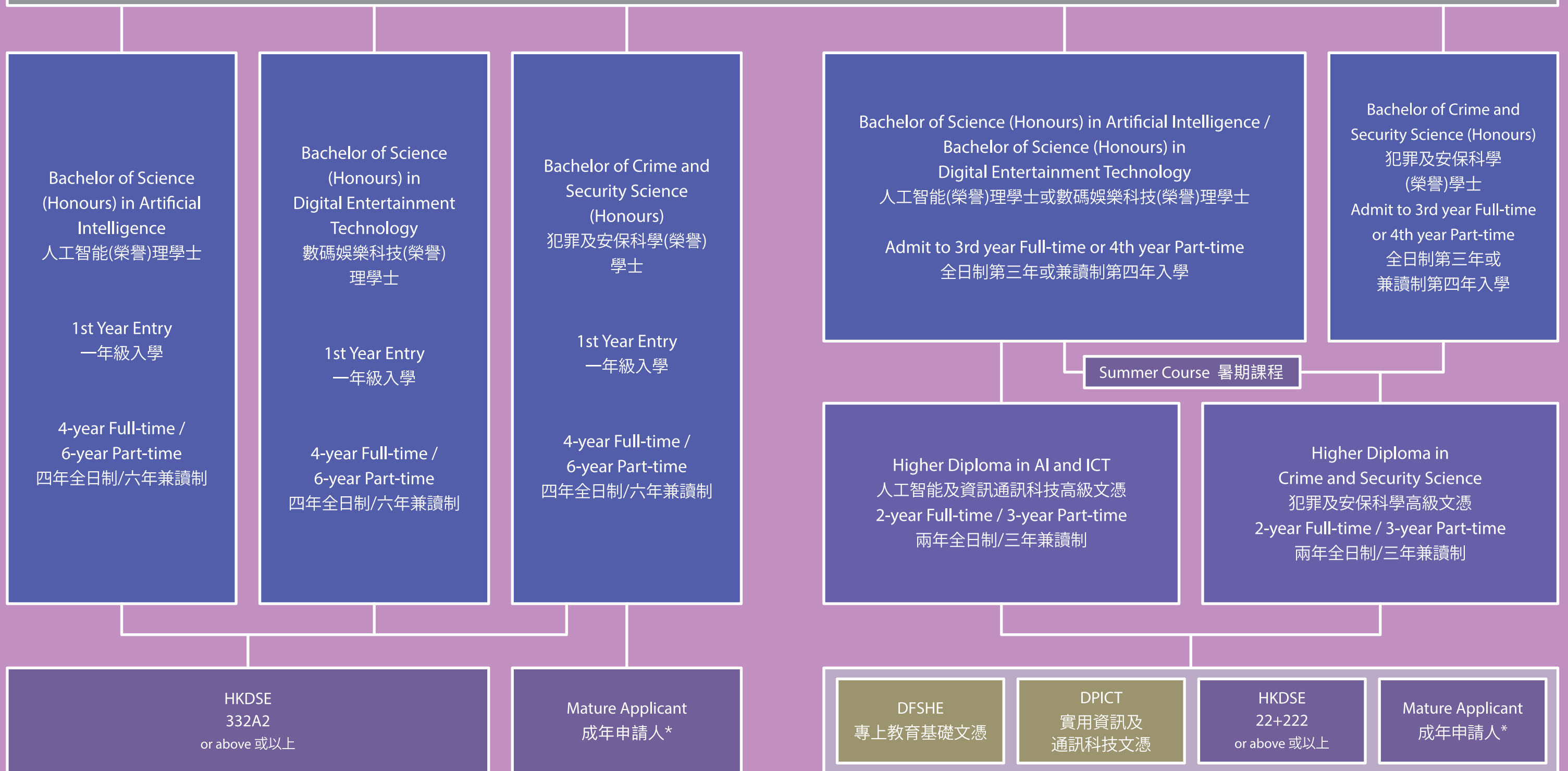


YAM PAK CHARITABLE FOUNDATION SCHOOL OF
COMPUTING AND INFORMATION SCIENCES



Postgraduate Programmes in foreign and local universities

本地、國內或海外研究生課程



請參考成年申請人的詳細入學要求, 以獲取更多信息。

* Please refer to the detailed admission requirements for mature applicants for further information.

Bachelor of Science (Honours) in Artificial Intelligence 人工智能(榮譽)理學士

JUPAS/ JSSA04

QF/ 5

Mode/ Full-time / Part-time

Duration/ 4 Years (FT) / 6 Years (PT)

PROGRAMME FEATURES 課程特色 /

- In-depth and all-round training in artificial intelligence engineering:
擁有全面人工智能工程訓練:

In-depth A.I Subjects (36 Credits) +
人工智能專門學科 (36 學分)
I.C.T Subjects (42 Credits)
資訊通訊科技學科 (42 學分)

= Weigh over 59% of the Programme
佔整個課程比重超過59%

- The Programme is supported with a "Distributed AI Laboratory" for interdisciplinary research and education, which is being established with IDS funding under RGC
首間自資院校獲得政府研究資助局院校發展計劃研究基礎設施撥款，設立分布式人工智能實驗室(Distributed AI Laboratory)，讓學生採用人工智能實驗室的各項軟件及硬件設備

HIGHLIGHTED SUBJECTS 重點科目 /



Machine Learning
機器學習



Computer Vision and
Image Processing
電腦視覺及圖像處理



Robotics
機器人應用



Deep Learning
深度學習



Financial Technology, Artificial
Intelligence and Metaverse
金融科技與人工智能及元宇宙



Natural Language
Processing
自然語言處理

INTERNSHIPS 實習要求 /

- 200 hours internship available as an elective programme on summer terms of Year 2 or Year 3
第二年或第三年暑假進行選修實習 200 小時
- Interns could participate in A.I. research projects initiated by the University
可選擇參與校內人工智能研究企劃
- Opportunities to gain their experience working in innovation, technology and I.T. development companies
有機會到創科公司 / 資訊科技開發公司實習

CAREER PROSPECTS 就業前景 /

- AI Software Engineer
人工智能軟件/系統工程師
- Machine Learning Engineer
機器學習軟件/系統工程師
- Deep Learning Engineer
深度學習工程師
- AI Application Developer
不同專業範疇的人工智能應用開發人員
- Starting Salary for Graduate Ranges from HKD\$19K – HKD\$30K
畢業生起薪點
\$19,000-\$30,000港元

Bachelor of Science (Honours) in Digital Entertainment Technology 數碼娛樂科技(榮譽)理學士

JUPAS/ JSSA02

QF/ 5

Mode/ Full-time / Part-time

Duration/ 4 Years (FT) / 6 Years (PT)

PROGRAMME FEATURES 課程特色 /

- Focus on digital entertainment technology, gaining in-depth knowledge of the latest developments in animation design, game production, virtual reality, and the metaverse
專注於數碼娛樂科技，深入學習動畫設計、遊戲製作、虛擬現實和元宇宙領域的最新知識
- Equipped with a digital entertainment laboratory featuring motion capture system and VR equipment, fostering an immersive learning experience
配備數碼娛樂實驗室，裝有動作捕捉技術系統和VR設備，創造沉浸式數碼娛樂科技學習

INTERNSHIPS 實習要求 /

- 200 hours internship available as an elective programme on summer terms of Year 2 or Year 3
第二年或第三年暑假進行選修實習 200 小時
- Opportunities to gain their experience working in game, animation, VR/XR, metaverse, multimedia design, and IT companies
學生可到不同類型公司實習，如：遊戲及動畫公司、VR及元宇宙公司、多媒體設計公司和資訊科技公司等

HIGHLIGHTED SUBJECTS 重點科目 /



3D Game Design and Development
三維遊戲設計及開發



Virtual Reality and Metaverse
虛擬現實及元宇宙



Modeling and Animation
建模及動畫



Digital Visual Effects
數碼視覺特效

CAREER PROSPECTS 就業前景 /

- Game Developer
遊戲設計工程師
- 3D / Animation Creator
3D/動畫製作人員
- VR / XR Developer
VR/XR開發人員
- Metaverse Architect
元宇宙建築師
- Film CG / Special Effects Creator
電影特效製作人員
- User Interface Developer
用家介面開發人員



Bachelor of Crime and Security Science (Honours)

犯罪及安保科學(榮譽)學士

QF/ 5 **Mode/** Full-time / Part-time **Duration/** 4 Years (FT) / 6 Years (PT)

PROGRAMME FEATURES 課程特色 /

- The programme goes beyond traditional criminology and cybersecurity by integrating crime science with technology-driven intelligence, providing hands-on learning for real-world crime and security applications
本課程超越了傳統的犯罪學和網路安全，將犯罪科學與智能技術驅動的分析相結合，為現實世界的犯罪和安全應用提供實踐學習
- Taught by AI specialists, criminologists, and law enforcement experts, strong industry connections of the programme enhance learning and career opportunities in law enforcement, financial crime investigation, cybersecurity, and offender rehabilitation
本課程由人工智能專家、犯罪學家和執法專家授課，並與有行業緊密的聯繫，提升學生在執法、金融犯罪調查、網絡安全及罪犯更生領域的學習體驗和職業發展機會

HIGHLIGHTED SUBJECTS 重點科目 /

-  Big Data Analytics and Collation in Crime Analysis
犯罪分析中的大數據分析與整理
-  Data Science for Crime Prevention and Detection
犯罪預防與偵測的數據科學
-  AI in Crime Prevention and Detection
犯罪預防與偵測的人工智能
-  Criminal Investigation and Intelligence
刑事調查與情報
-  Virtual Reality and Metaverse for Crime Scene Analysis
犯罪場景分析的虛擬真實及元宇宙

WORK-BASED LEARNING 基於工作的學習 /

- Two Structured Work Placements – Year 1 and Year 4, 280 hours each, hands-on experience in crime science and security
兩個工作實習 – 分別安排在本課程第一年和第四年，各 280 小時，提供犯罪科學及安保的實習經驗
- Project – Application of ICT and crime science knowledge to real-world crime and security challenges
專題項目 – 將資訊及通訊科技和犯罪科學知識應用於現實世界的犯罪及安保挑戰
- Industry Engagement – Expert lectures and site visits from law enforcement, cybersecurity, and financial crime professionals
行業互動 – 通過執法、網路安全和金融犯罪領域專家提供的專題講座和實地考察，增強行業認知與實踐經驗

CAREER PROSPECTS 就業前景 /

- Law Enforcement – Roles in police, customs, immigration, and correctional services
執法機構 – 在警務、海關、入境事務及懲教部門從事相關工作
- Cybersecurity & Digital Forensics – Cybercrime investigation, threat intelligence, and forensic analysis
網路安全及數位取證 – 從事網路犯罪調查、威脅情報分析及取證分析
- Financial Crime Investigation – Compliance, anti-money laundering, fraud detection in financial institutions
金融犯罪調查 – 在金融機構負責合規管理、反洗黑錢及欺詐檢測
- Private Security & Risk Management – Security consulting, corporate investigations, and risk assessment
私人保安及風險管理 – 參與安全諮詢、企業調查及風險評估
- Offender Rehabilitation & Crime Prevention – Roles in NGOs, social services, and offender reintegration programmes
罪犯更生與犯罪預防 – 在非政府機構、社會服務和罪犯重返社會計劃中任職
- Intelligence & Policy Research – Crime analysis, national security intelligence, and public policy development
情報及政策研究 – 從事犯罪分析、國家安全情報與公共政策制定

Higher Diploma in Crime and Security Science

犯罪及安保科學高級文憑

QF/ 4

Mode/ Full-time / Part-time

Duration/ 2 Years (FT) / 3 Years (PT)

PROGRAMME FEATURES 課程特色 /

- Equips students with fundamental knowledge in criminology, cybersecurity, and data science, preparing them for practical applications in crime prevention and security management
為學生提供犯罪學、網路安全和數據科學的基礎知識，培養其在犯罪預防和安全管理方面的實際應用做好準備
- Provides a solid academic and professional foundation with hands-on training and industry engagement, offering a clear articulation pathway to the other related programmes for further education and career development
通過實習培訓和行業互動，奠定紮實的學術和專業基礎，為繼續進修其他相關課程和職業發展提供清晰的銜接途徑

CAREER PROSPECTS 就業前景 /

- Crime Prevention Assistant – Supporting crime prevention initiatives in security firms, NGOs, or law enforcement agencies
犯罪預防助理 – 在保安公司、非政府機構或執法機構從事支援預防犯罪的工作
- Cybersecurity Support Analyst – Assisting in monitoring and mitigating security threats in organizations
網路安全支援分析師 – 協助監控和減輕機構內的安全威脅
- Investigation Assistant – Providing technical and analytical support in fraud detection and criminal investigations
調查助理 – 在詐欺檢測和刑事調查方面提供技術和分析支援
- Security Operations Assistant – Working in corporate or private security firms, handling risk assessments and surveillance operations
安全營運助理 – 在企業或私人保安公司工作，負責風險評估和監視行動
- Further Studies & Career Advancement – Upon completing the Bachelor of Crime and Security Science (Honours), graduates may pursue roles such as Cybercrime Investigator, Financial Crime Analyst, and Intelligence Officer
深造及職業發展 – 完成犯罪及安保科學(榮譽)學士課程後，畢業生可以從事網路犯罪調查員、金融犯罪分析師和情報官員等職位

HIGHLIGHTED SUBJECTS 重點科目 /

- | | |
|---|---|
|  <p>Intrroduction to Crime Science
犯罪科學導論</p> |  <p>Crime Prevention and Security Management
犯罪預防與安全管理</p> |
|  <p>Statistics and Data Analysis with Crime Events
犯罪事件的統計與資料分析</p> |  <p>Introduction to Cybersecurity
網路安全簡介</p> |
|  <p>Web Development and Security
網頁開發與安全</p> |  <p>Introduction to Criminal Justice System
刑事司法制度導論</p> |

Higher Diploma in Artificial Intelligence and Information and Communication Technology

人工智能及資訊通訊科技高級文憑

QF/ 4 **Mode/** Full-time / Part-time **Duration/** 2 Years (FT) / 3 Years (PT)

PROGRAMME FEATURES 課程特色 /

- Equip students with foundational knowledge on programming
讓學生具備程式編寫的基礎能力
- Learn about basic theories and operations of artificial intelligence
學習人工智能的基礎理論與運作
- Study the theories of machine learning
了解機器學習的理論和實踐

HIGHLIGHTED SUBJECTS 重點科目 /



Machine Learning
機器學習



2D Game Design and Development
二維遊戲設計及開發



Introduction to Information Technology, Artificial Intelligence, and Metaverse
資訊科技、人工智能及元宇宙導論

CAREER PROSPECTS 就業前景 /

- Graduates are competent to various roles including-
畢業生能勝任多種職位，包括：
 - Programmer
程式編寫
 - Website and database developer
網頁及數據庫開發
 - System analyst
系統分析
- If graduates complete the Bachelor of Science (Honours) in Artificial Intelligence further, they may take the following roles-
如畢業生升讀並完成人工智能(榮譽)理學士課程，可勝任：
 - A.I. software / system engineer
人工智能軟件/系統工程師
 - Machine learning software / system engineer
機器學習軟件/系統工程師
 - Deep learning engineer
深度學習工程師

RESEARCH AND ACADEMIC FACILITIES 學術設施

Yam Pak Charitable Foundation School of Computing and Information Sciences has established laboratories for Artificial Intelligence and Digital Entertainment Technologies to learn and experiment with these technologies and to provide the students with opportunities to participate in the projects of the faculty members who are conducting research at the forefront of the Information Age.

任白慈善基金電子計算及信息科學院分別開設人工智能實驗室及數碼娛樂實驗室，供學生掌握及試驗人工智能及數碼娛樂技術，以在資訊時代走到最前。



Artificial Intelligence Laboratory 人工智能實驗室



Digital Entertainment Laboratory 數碼娛樂實驗室

YAM PAK CHARITABLE FOUNDATION SCHOOL OF COMPUTING AND INFORMATION SCIENCES 任白慈善基金電子計算及信息科學院

UNDERGRADUATE /

Bachelor of Science (Honours) in Digital Entertainment Technology

數碼娛樂科技(榮譽)理學士

Bachelor of Science (Honours) in Artificial Intelligence

人工智能(榮譽)理學士

Bachelor of Crime and Security Science (Honours)

犯罪及安保科學(榮譽)學士

SUB-DEGREE /

Higher Diploma in Artificial Intelligence and Information and Communication Technology

人工智能及資訊通訊科技高級文憑

Higher Diploma in Crime and Security Science

犯罪及安保科學高級文憑

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The information given in this brochure is accurate as of 29 May 2025.
Please refer to our website for the latest information.
手冊所載資料截至2025年5月29日,最新資訊請瀏覽本校網站。