SFU 聖方濟各大學
Saint Francis University

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

Programme Offerings 課程一覽

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Master of Science in Artificial Intelligence and Creative Technology
人工智能及創意科技理學碩士

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

1st Year Entry
一年級入學

4-year Full-time
四年全日制

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

1st Year Entry
一年級入學

4-year Full-time
四年全日制

Bachelor of Crime and Security Science (Honours)
犯罪及安保科學(榮譽)學士

1st Year Entry
一年級入學

4-year Full-time / 6-year Part-time
四年全日制 / 六年兼讀制

HKDSE 332A2 or above 或以上

Mature Applicant 成年申請人*

Bachelor of Science (Honours) in Artificial Intelligence / Bachelor of Science (Honours) in Digital Entertainment Technology
人工智能(榮譽)理學士或數碼娛樂科技(榮譽)理學士

Admit to 3rd year Full-time
全日制第三年入學

Bachelor of Crime and Security Science (Honours)
犯罪及安保科學(榮譽)學士

Admit to 3rd year Full-time or 4th year Part-time
全日制第三年或兼讀制第四年入學

Summer Course 暑期課程

Higher Diploma in AI and ICT
人工智能及資訊通訊科技高級文憑
2-year Full-time
兩年全日制

Higher Diploma in Crime and Security Science
犯罪及安保科學高級文憑
2-year Full-time / 3-year Part-time
兩年全日制/三年兼讀制

DFSHE
專上教育基礎文憑

DPICT
實用資訊及通訊科技文憑

HKDSE 22+222 or above 或以上

Mature Applicant 成年申請人*

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.

Master of Science in Artificial Intelligence and Creative Technology
人工智能及創意科技理學碩士

QF Level 6 **Mode** Full-time / Part-time **Duration** 1 Year / 2 Years

PROGRAMME FEATURES

This programme uniquely combines advanced AI knowledge with creative technology.

Key features include:

- Synergy between AI and Creative Technology: Focuses on applying AI in creative domains like art, design, music, gaming, and media to drive innovation
- Industry-based Project Experiences: Emphasizes practical, hands-on learning through real-world projects and potential collaboration with industry partners
- Flexible Elective Options: Students can choose between a research project for in-depth study or a selection of electives to tailor their studies to their career goals

課程特色

此課程獨特地結合了先進的人工智能知識與創意科技。主要特色包括：

- **人工智能與創意科技的協同作用：**專注於在藝術、設計、音樂、遊戲和媒體等創意領域應用人工智能，以推動創新
- **基於行業的項目經驗：**強調通過真實世界項目和與行業夥伴的潛在合作進行實踐和動手學習
- **靈活的選修選項：**學生可以選擇進行研究項目以進行深入研究，或選擇一系列選修課，以根據他們的職業目標定制與習

SITE VISITS

May be organized in some courses to expose students to actual workplaces and venues related to their fields of study, enhancing their understanding of practical challenges

實地考察

部分課可能會組織實地考察，讓學生了解與其學習領域相關的實際工作場所和地點，加深他們對實際挑戰的理解

CAREER PROSPECTS

Graduates can pursue diverse career paths that demand a deep understanding of AI applications in creative industries. Potential roles include:

- AI Developer/Researcher/Architect
- Machine Learning/Deep Learning Developer
- Data Analyst/Scientist
- Creative AI Developer
- Computational Artist
- VR/AR Designer
- Game AI Programmer
- Creative Technologist
- AI-driven UX/UI Designer

就業前景

畢業生可從事多種需要深入理解人工智能在創意產業應用的職業。潛在職位包括：

- 人工智能開發者 / 研究員 / 架構師
- 機器學習 / 深度學習開發者
- 數據分析師/科學家
- 創意人工智能開發者
- 計算機藝術家
- 虛擬實境 /擴增實境設計師
- 遊戲人工智能程序員
- 創意科技專家
- 人工智能驅動的用戶體驗 / 用戶界面設計師

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

JUPAS JSSA04 **QF Level** 5 **Mode** Full-time **Duration** 4 Years

PROGRAMME FEATURES

- In-depth and all-round training in artificial intelligence engineering:

In-depth AI Subjects (36 Credits) + ICT Subjects (42 Credits)
= Weigh over 59% of the Programme

- The Programme is supported with a "Distributed AI Laboratory" for interdisciplinary research and education, which is being established with IDS funding under RGC

課程特色

- 擁有全面人工智能工程訓練:

人工智能專門學科 (36 學分) + 資訊通訊科技學科 (42 學分)
= 佔整個課程比重超過59%

- 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

- 200 hours internship available as an elective course on summer terms of Year 2 or Year 3
- Interns could participate in AI research projects initiated by the University
- Opportunities to gain their experience working in innovation, technology and IT development companies

實習要求

- 第二年或第三年暑假進行選修實習200小時
- 可選擇參與校內人工智能研究企劃
- 有機會到創科公司 / 資訊科技開發公司實習

CAREER PROSPECTS

- AI Software Engineer
- Machine Learning Engineer
- Deep Learning Engineer
- AI Application Developer
- Starting Salary for Graduate Ranges from HKD$19K – HKD$30K

就業前景

- 人工智能軟件/系統工程師
- 機器學習軟件/系統工程師
- 深度學習工程師
- 不同專業範疇的人工智能應用開發人員
- 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 Level** 5 **Mode** Full-time **Duration** 4 Years

PROGRAMME FEATURES

- Focus on digital entertainment technology, gaining in-depth knowledge of the latest developments in animation design, game production, virtual reality, and the metaverse
- Integrate artificial intelligence (AI) into digital entertainment courses, empowering creative design and game development.
- Equipped with a digital entertainment laboratory featuring motion capture system and VR equipment, fostering an immersive learning experience

課程特色

- 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
- 數碼娛樂課程全新融入人工智能，全面強化創意設計及遊戲開發
- 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

- 200 hours internship available as an elective course on summer terms of Year 2 or Year 3
- Opportunities to gain their experience working in game, animation, VR/XR, metaverse, multimedia design, and IT companies

實習要求

- 第二年或第三年暑假進行選修實習 200 小時
- 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

- Game Developer
- 3D / Animation Creator
- VR / XR Developer
- Metaverse Architect
- Film CG / Special Effects Creator
- User Interface Developer

就業前景

- 遊戲設計工程師
- 3D/動畫製作人員
- VR/XR開發人員
- 元宇宙建築師
- 電影特效製作人員
- 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 Level 5 **Mode** Full-time / Part-time **Duration** 4 Years (FT) / 6 Years (PT)

PROGRAMME FEATURES

- 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
- 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

課程特色

- 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
- 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
- Cryptography and Cybersecurity
  密碼學與網絡安全

WORK-BASED LEARNING

- Two Structured Work Placements – Year 1 and Year 4, 280 hours each, hands-on experience in crime science and security
- Project – Application of ICT and crime science knowledge to real-world crime and security challenges
- Industry Engagement – Expert lectures and site visits from law enforcement, cybersecurity, and financial crime professionals

基於工作的學習

- 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
- 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
- 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

- Law Enforcement – Roles in police, customs, immigration, and correctional services
- Cybersecurity & Digital Forensics – Cybercrime investigation, threat intelligence, and forensic analysis
- Financial Crime Investigation – Compliance, anti-money laundering, fraud detection in financial institutions
- Private Security & Risk Management – Security consulting, corporate investigations, and risk assessment
- Offender Rehabilitation & Crime Prevention – Roles in NGOs, social services, and offender reintegration programmes
- Intelligence & Policy Research – Crime analysis, national security intelligence, and public policy development

就業前景

- 執法機構－在警務、海關、入境事務及懲教部門從事相關工作
- 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
- 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
- 私人保安及風險管理－參與安全諮詢、企業調查及風險評估
- 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
- 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 Level 4 **Mode** Full-time / Part-time **Duration** 2 Years (FT) / 3 Years (PT)

PROGRAMME FEATURES

- Equips students with fundamental knowledge in criminology, cybersecurity, and data science, preparing them for practical applications in crime prevention and security management
- 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

課程特色

- 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
- 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

HIGHLIGHTED SUBJECTS 重點科目

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

CAREER PROSPECTS

- Crime Prevention Assistant – Supporting crime prevention initiatives in security firms, NGOs, or law enforcement agencies
- Cybersecurity Support Analyst – Assisting in monitoring and mitigating security threats in organizations
- Investigation Assistant – Providing technical and analytical support in fraud detection and criminal investigations
- Security Operations Assistant – Working in corporate or private security firms, handling risk assessments and surveillance operations
- 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

就業前景

- 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
- 網路安全支援分析師－協助監控和減輕機構內的安全威脅
- 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
- 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
- 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

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 Level 4 **Mode** Full-time **Duration** 2 Years (FT)

PROGRAMME FEATURES

- Equip students with foundational knowledge on programming
- Learn about basic theories and operations of artificial intelligence
- Study the theories of machine learning

課程特色

- 讓學生具備程式編寫的基礎能力
- 學習人工智能的基礎理論與運作
- 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

Graduates are competent to various roles including

- Programmer
- Website and database developer
- System analyst

If graduates complete the Bachelor of Science (Honours) in Artificial Intelligence further, they may take the following roles

- AI software / system engineer
- Machine learning software / system engineer
- Deep learning engineer

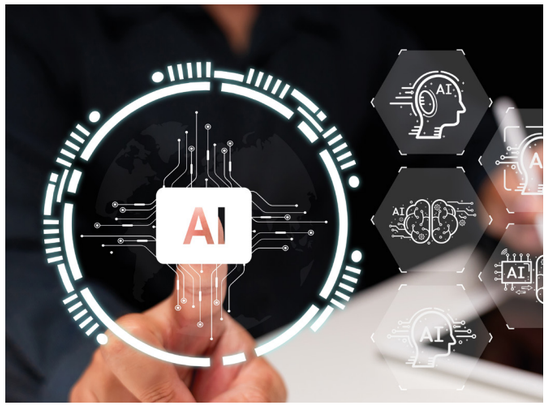
就業前景

畢業生能勝任多種職位，包括：

- 程式編寫
- 網頁及數據庫開發
- 系統分析

如畢業生升讀並完成人工智能(榮譽)理學士課程，可勝任：

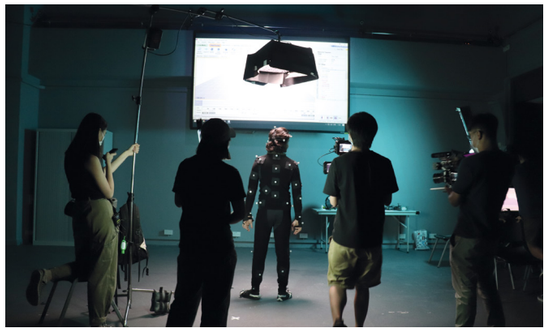
- 人工智能軟件/系統工程師
- 機器學習軟件/系統工程師
- 深度學習工程師



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。



Motion Capture 動作捕捉

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

MASTER

Master of Science in Artificial Intelligence and Creative Technology (Full-time / Part-time)
人工智能及創意科技理學碩士（全日制 / 兼讀制）

UNDERGRADUATE

Bachelor of Science (Honours) in Artificial Intelligence (Full-time)
人工智能(榮譽)理學士（全日制）

Bachelor of Science (Honours) in Digital Entertainment Technology (Full-time)
數碼娛樂科技(榮譽)理學士（全日制）

Bachelor of Crime and Security Science (Honours) (Full-time / Part-time)
犯罪及安保科學(榮譽)學士（全日制 / 兼讀制）

SUB-DEGREE

Higher Diploma in Crime and Security Science (Full-time / Part-time)
犯罪及安保科學高級文憑（全日制 / 兼讀制）

Higher Diploma in Artificial Intelligence and Information and Communication Technology (Full-time)
人工智能及資訊通訊科技高級文憑（全日制）

網上報名
Online Application

聖方濟各大學
Saint Francis University

www.sfu.edu.hk

The information given in this brochure is accurate as of 26 May 2026. Please refer to our website for the latest information.
手冊所載資料截至2026年5月26日，最新資訊請瀏覽本校網站。

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