

**Bachelor of Science (Hons) in Computer
Science and Cybersecurity (Year 3 Entry)**
計算機科學及網絡安全（榮譽）理學士
（三年級入學）

Full Programme Modules

課程科目概覽

Year 1	
Applied Cryptography	應用密碼學
Advanced Programming	進階程式設計
Operating Systems	操作系統
Physics and Human Civilization	物理學與人類文明
Block Chain Technology	區塊鏈技術
Embedded System and Security	嵌入式系統與安全
Software Security	軟件安全
Writing and Presentation Skills for Senior Projects	高級項目的寫作和演示技巧
Advanced Cybersecurity Practice	進階網絡安全實驗

Year 2	
Reverse Engineering	逆向工程
Project Management	項目管理概論
Mobile and IoT Firmware Forensics	移動設備和物聯網韌體取證
Final Year Project (2 terms)	畢業設計（兩個學期）
Entrepreneurship	創業基礎

Other	
Seminar	講座

Elective Modules	
Cloud Computing	雲計算
Information Theory	資訊理論
Social Network Analysis	社交網絡分析
Introduction to IT Audit	資訊系統審計
Artificial Intelligence Fundamentals	人工智能基礎
Data Science	數據科學
Microcontrollers	微控制器概論
Introduction to IIoT and Smart Manufacturing	工業物聯網與智能製造導論