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| 密碼學 Cryptography | 機器學習與大數據分析技術 Machine Learning and Big Data Analytics | 多變量分析 Multivariate Statistical Analysis |
| 高速網路 Gigabit Networking | 人工智慧技術與商業應用 Artificial Intelligence Technologies and Business Applications | 高等演算法 Advanced Algorithms |
| 人工智慧與深度學習 Artificial Intelligence and Deep Learning | 網路流量模式與應用 Network Flow Models and Applications | 研究方法 Research Methods |
| 大型主機作業系統基礎與實務 Fundamental and Practice on Mainframe Operating System | 資料探勘與知識開發 Data Mining and Knowledge Discovery | 安全協定開發與設計 Development and Design of Security Protocols |
| 高等網路服務技術 Advanced Technologies on Web Services | 多媒體專題研究 Special Topics on Multimedia | 資料探勘 Data Mining |
| 先進資安專題 Advanced Topics on Information Security | 可證明安全導論 An Introduction to Theory of Provable Security | 資訊管理進階專業成長校外實習 Internship in Advanced Information Management Practice |
| 多媒體系統 Multimedia Information Systems | 電子化企業 Electronic Business | 分散式計算 Distributed Computing |
| 數量方法—統計方法與資料分析 Statistics and Data Analysis | 網路服務資訊安全 Information Security for Web Services | 行動計算 Mobile Computing |
| 資訊科技與應用服務專題研究 Special Topics on Information Technology and Application Service | 資安科技與管理專題研究 Special Topics in Cybersecurity Technology and Management | |

研究所課程

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| 科技研究與論文寫作 Technology Research and Thesis Writing | 創新與企業家精神 Innovation and Entrepreneurship | 資訊科技與組織行為理論 Information Technology and Organizational Behaviors |
| 資訊系統與管理 Information Systems & Management | 電子商務 Electronic Commerce | 資訊管理專題研討 Seminar on Information Management |
| 教學實務 Teaching Practicum | 創業管理理論與實務 Practice and Theory of Entrepreneurship | 遊戲化科普教育導論 Gamification and S.T.E.M. Education |
| 策略性資訊系統規畫 Strategic Information Systems Planning | 個案研究 Case Study Research | 新興資訊科技與商業創新 Emerging Information Technologies and Business Innovations |
| 物聯網應用資訊安全與風險管理 Information Security and Risk Management for IoT Applications | 智能營運 Intelligent Operation | 科普教育應用與實務 S.T.E.M. Education Practice |
| 策略知識管理 Strategic Knowledge Management | 領導與溝通 Leadership and Communication | 管理理論與實務 Management Theory and Practice |
| 數位金融創新服務 Financial Technology Innovation and Service | 資訊科技管理 Management of Information Technology | 科技與法律 Technology & Law |
| 電子商務與數位行銷 E-Commerce and Digital Marketing | 服務導向企業系統管理 Service-Oriented Enterprise System Management | 隨處科技平台經濟 Platform Economics with Ubiquitous Technology |
| 專案管理 Project Management | 科技與創新管理 Technology and Innovation Management | 軟體工程與管理 Software Engineering and Management |
| 智能營運與數位管理專題研究 Special Topics in Intelligent Operation and Digital Management | | |

For More Information, Please go to [NTUST COURSE CATALOG SYSTEM](#) . (Ex. Course Outline)

Courses may be added or stopped, and the number of credits, class hours, starting semesters, and starting teachers may be adjusted as needed.