

## Smart Innovation Micro-Program to Cultivate Cross-Disciplinary Information Talents

Campus focus

To cultivate interdisciplinary talents with potential for intellectual innovation, equip students in non-information software engineering fields with backgrounds in artificial intelligence, digital technology, and software development, allowing them to possess problem-solving abilities in information technology, the university has received funding from the Ministry of Education's "Smart Innovation Key Talent Project" to become a demonstration school for cultivating interdisciplinary talents with potential for intellectual innovation. Starting this semester, 2 micro-programs, "Multimedia and Human-Computer Interaction Technology and Applications" and "Commercial English Industry", will be offered, taking the first step in talent cultivation.

The project, hosted by Vice President for Academic Affairs Hui-Huang Hsu, plans micro-programs with artificial intelligence and digital technology as the core. The courses include basic programming languages, practical applications, and industry internships, aiming to allow students to easily learn AI-related knowledge and meet future employment trends. The

"Multimedia and Human-Computer Interaction Technology and Application" micro-program cultivates students' ability to integrate AI, multimedia games, and communication technology through programming languages, multimedia technology, and AI training. The "Commercial English Industry" micro-program equips students with the ability to be employed in the industry through programming design, scenario-based teaching, commercial and AI technological English knowledge. Students don't have to apply to take the above micro-courses, just complete the course selection process by themselves during the course selection period. After completing 11 credits of a single micro-program, students can apply for a certificate of completion. For more information, please refer to the website of the Department of Information and Communication.

# 智慧創新 微學程計畫



因應未來產業發展趨勢，提升資訊應用能力

本計畫從多媒體應用或商業英語領域  
跨域結合人工智慧與資訊面向，培育資訊軟體相關領域的人才  
開設 **多媒體與人機互動技術與應用** 與 **商用英文產業** 兩個微學程

培育跨域協作與整合的能力；  
參與競賽；實習機會；提升未來就業競爭力

**申請期限** 每學期選課期間

**申請對象** 非資訊軟體開發相關學系之大學部學生

**修習證書** 需修習「基礎」、「核心」、「總整」  
三階段課程，修畢11學分即可提出申請



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# 智慧創新關鍵人才躍升計畫

## 微學程課程一覽

微學程名稱	開設課程	學分數	必選修
「多媒體與人機互動技術與應用」微學程	Python 程式設計	3	必修
	設計思考工具與方法	3	至少選修6分
	多媒體技術概論	2	
	人工智慧與互動多媒體	2	
	電腦視覺與多媒體檢索	2	
	Unity 遊戲程式設計	2	
	互動新媒體整合專題	2	必修
「商用英文產業」微學程	Python 程式設計	3	必修
	設計思考工具與方法	3	至少選修6分
	多媒體技術概論	2	
	人工智慧與互動多媒體	2	
	情境式英語口語表達	2	
	沉浸式商用英文	2	
商用英文教學專題實作	2	必修	