

元智大學資訊傳播學系「數位媒體設計」探索跨域微學程 科目規劃表

Department of Information Communication

Yuan Ze University

“Digital Media” Cross-Domain Exploration Program Micro Course Planning Table

(115學年度申請適用)

(For students applied in Academic Year 2026)

115.04.29 一一四學年度第七次教務會議通過

Passed by the 7th Academic Affairs Meeting, Academic Year 2025, on April 29, 2026

115.08.25 一一五學年度第一次教務會議修訂通過

Amended by the 1st Academic Affairs Meeting, Academic Year 2026, on August 25, 2026

一、教學目標 Teaching Objectives：

本學程以數位媒體設計與人工智慧應用為核心，整合電腦繪圖、人機互動、創意思考及跨域探索等課程，培養學生具備數位媒體設計、人工智慧工具應用、創新思考與使用者導向設計能力，並強化跨領域整合與實務應用素養，奠定學生於數位媒體與人工智慧跨域應用之基礎。

This program centers on digital media design and the application of artificial intelligence, integrating courses in computer graphics, human-computer interaction, creative thinking, and cross-disciplinary exploration. It aims to equip students with competencies in digital media design, AI tool application, creative thinking, and user-centered design, while strengthening their interdisciplinary integration and practical application skills, thereby establishing a foundation for cross-disciplinary applications of digital media and artificial intelligence.

二、課程設計 Curriculum Design：

核心課程：3學分

Core Courses: 3 credits

課號 Course ID	課程名稱 Course Name	學分 Credit(s)	學制 Degree structure	開課系所 Department Offered the Present Course(s)	備註 Remarks
IC205	電腦繪圖 Computer Graphics Design	3	大學部 Undergraduate Program	資傳系 Department of Information Communication	
IC291	人機互動概論 Introduction of Human Computer Interaction	3	大學部 Undergraduate Program	資傳系 Department of Information Communication	

專業課程：5學分

Professional Courses: 5 credits

課號 Course ID	課程名稱 Course Name	學分 Credit(s)	學制 Degree structure	開課系所 Department Offered the Present Course(s)	備註 Remarks
IC340	多媒體概論 Introduction to Multimedia	3	大學部 Undergraduate Program	資傳系 Department of Information Communication	
IC256	創意方法 Creativity Techniques	3	大學部 Undergraduate Program	資傳系 Department of Information Communication	
IC387	人工智慧概論 Introduction to Artificial Intelligence	3	大學部 Undergraduate Program	資傳系 Department of Information Communication	
IC349	使用者介面設計 User-Interface Design	3	大學部 Undergraduate Program	資傳系 Department of Information Communication	
IC196	混合實境 Mixed Reality	3	大學部 Undergraduate Program	資傳系 Department of Information Communication	
GN432	AI創意設計思考 Design Thinking with AI	2	大學部 Undergraduate Program	通識教學部 General Education Center	通識及探索 跨域課程限 擇一門 (十擇一) General Education and Cross-Domain Exploration Courses (Choose only one of the ten courses)
GN430	基礎雲端運算與實務 Fundamental Cloud Computing and Practic	2	大學部 Undergraduate Program	通識教學部 General Education Center	
EXA101	基礎機器人入門 Introduction to Basic Robotics	1	大學部 Undergraduate Program	機械系 Department of Mechanical Engineering	
EXB101	生成式AI與跨域創新 實作 Generative AI & Cross- Domain Innovation	1	大學部 Undergraduate Program	電機系甲組 Department of Electrical Engineering (Program A)	
EXB201	探索智慧機器人：設 計、模擬與實作 Exploring Intelligent Robots: Design, Simulation, and Practice	1	大學部 Undergraduate Program	電機系乙組 Department of Electrical Engineering (Program B)	
EXB401	智慧型機器人導論 Introduction to Artificial Intelligence in Robotics	1	大學部 Undergraduate Program	電通英專 International Bachelor Program in Electrical and Communication	

課號 Course ID	課程名稱 Course Name	學分 Credit(s)	學制 Degree structure	開課系所 Department Offered the Present Course(s)	備註 Remarks
				Engineering	
EXC201	人工智慧實務 Practical Artificial Intelligence	1	大學部 Undergraduate Program	資管系 Department of Information Management	
EXC401	計算機概論 Introduction to Computer Science	1	大學部 Undergraduate Program	資訊英專 International Bachelor Program in Informatics	
EXE301	未來互動設計：機器與人之間 Future Interaction Design: Between Machines and Humans	1	大學部 Undergraduate Program	藝設系 Department of Art and Design	
EXZ005	數位構築設計：實虛空間想像 Digital Fabrication Design: Physical and Virtual Space	1	大學部 Undergraduate Program	藝術中心 Art Center	

三、學程證書授予標準 Certificate Award Criteria：

1. 本學程修業總學分數至少為8學分。學生應修畢核心課程3學分及專業課程5學分。
2. 須至少修習一門非學生所屬學系之科目。
3. 修習跨領域學程內之通識課程，不得重複計入通識教育課程10學分，亦不得列入畢業學分。
1. The Program requires a minimum of 8 credits for completion. Students shall complete core courses 3 credits and professional courses 5 credits.
2. Students are required to take at least one course outside their own department.
3. General education courses taken within an interdisciplinary program may not be counted toward the 10-credit general education requirement, nor may they be applied toward graduation credits.

四、領域別 Fields of Study：

人工智慧 / Artificial Intelligence

五、學程召集人 Program Director：

張韶宸 / Shao-Chen Chang

六、負責規劃單位 Responsible Planning Unit：

資訊傳播學系 / Department of Information Communication