

元智大學藝術與設計學系「AI 跨域設計應用」探索跨域微學程 科目規劃表

Yuan Ze University Department of Art And Design

" AI Cross-disciplinary Design Application " Cross-Domain Exploration Micro Program 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

115.8.25 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

「AI 跨域設計應用」探索跨域學程旨在引導學生以 AI 工具為媒介，整合設計實作與跨域技術能力，培養具備人工智慧應用素養與創新設計實踐能力的藝術設計人才。

The 'AI Cross-Domain Design Applications' Exploratory Cross-Domain Program guides students to use AI tools as a medium to integrate design practice with cross-disciplinary technical skills. It aims to cultivate art and design professionals with AI application literacy and innovative design capabilities.

二、課程設計 Curriculum Design

本學程依能力培養層次分為三個學習階段，總修畢學分不少於 12 學分：

The Program is divided into three stages of learning according to competency development objectives. Students must complete at least 12 credits to fulfill the program requirements:

(一) 核心課程 3 學分 Core Courses 3 credits

跨領域設計及 AI 跨域設計實踐，為本學程核心共同基礎，培養學生設計整合能力。

Interdisciplinary Design” and “AI Cross-domain Design Practice” serve as the core foundational courses of this program, aiming to cultivate students’ integrated design capabilities.

(二) 專業課程 6 學分 Professional Courses 6 credits

從 AI 數位製造、生成式參數設計、互動科技裝置三門課程中選修兩門，依個人設計方向深化專業應用能力。

Select two courses from “AI Digital Manufacturing,” “Generative Parametric Design,” and “Interactive Technology Devices” to further develop professional application skills based on individual design interests.

(三) 通識 Cross-domain General Education (探索跨域課程 1 學分及通識課程 2 學分)：

修習 AI 創意設計思考，拓展對 AI 應用於創意產業之視野，強化跨域設計思維。

Take “AI Creative Design Thinking” to broaden perspectives on AI applications in the creative industries and strengthen interdisciplinary design thinking

三、課程 Courses

(一) 核心課程：3 學分 Core Courses : 3 credits

課號 Course ID	課程名稱 Course Nam	學分 Credit(s)	學制 Degree structure	開課系所 Department Offered the Present Course(s)	備註 Remarks
AD326	跨領域設計 Interdisciplinary Design	3	大學部 Undergraduate	藝術與設計學系 Department of Art and Design	二選一 Choose one of two
AD327	AI 跨域設計實踐 AI Interdisciplinary Design Practice	3	大學部 Undergraduate	藝術與設計學系 Department of Art and Design	

(二) 專業課程：至少 5 學分 Professional Courses At least 5 credits

課號 Course ID	課程名稱 Course Nam	學分 Credit(s)	學制 Degree structure	開課系所 Department Offered the Present Course(s)	備註 Remarks	
AD286	AI 數位製造 AI-Integrated Digital Fabrication	3	大學部 Undergraduate	藝術與設計學系 Department of Art and Design		
AD287	生成式參數設計 Generative Parametric Design	3	大學部 Undergraduate	藝術與設計學系 Department of Art and Design		
AD441	互動科技裝置：概論與 程式 Interactive Media Installation: Basic & Program	3	大學部 Undergraduate	藝術與設計學系 Department of Art and Design		
EX	AI 領域的探索跨域課程 Cross-Domain Exploration Courses in the AI Fields	1	大學部 Undergraduate	各開課單位 Course-Offering Units	開放非本科 系學生選修 之探索跨域 課程 Cross- Domain Exploration Courses are opened to students from non-major departments	Choose one of three
GN432	AI 創意設計思考 Design Thinking with AI	2	大學部 Undergraduate	通識教學部 General Education Center		
GN430	基礎雲端運算與實務 Fundamental Cloud Computing and Practic	2	大學部 Undergraduate	通識教學部 General Education Center		

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

1. 須至少修習一門非學生所屬學系（組、班）之科目。

Students are required to take at least one course outside their own department (or program/class).

2. 修讀本學程之學生至少須修畢8學分，包含核心課程3學分，專業課程至少5學分，即授予學程證書。

Students enrolled in this program must complete at least 8 credits, including 3 credits of core Courses, at least 5 credits of professional courses, in order to be awarded the program certificate.

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。
◦ 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.

五、領域別 Fields of Study：人工智慧 Artificial Intelligence

六、學程召集人 Program Director: 林楚卿 教授 Prof. Chor-Kheng Lim

七、負責規劃單位 Responsible Planning Unit：藝術與設計學系 Department of Art And Design