

# 元智大學藝術與設計學系「AI 跨域設計應用」探索跨域學程科目規劃表

Yuan Ze University Department of Art And Design

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

## 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

本學程採模組化架構，依能力培養層次分為三個學習階段，總修畢學分不少於 13 學分：

This program adopts a modular framework divided into three learning stages. Students must complete no fewer than 13 credits in total:

### (一) 模組必修 Required (6 學分)：

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) 選修 Electives (三選二，6 學分)：

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 (二擇一，探索跨域課程 1 學分或通識課程 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) 必修課程 6 學分 Required Courses 6 credits

Required Courses:

課號 Course ID	課程名稱 Course Nam	學分 Credit(s)	學制 Degree structur	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	
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) 選修課程：至少 7 學分 Elective courses: At least 7 credits

課號 Course ID	課程名稱 Course Nam	學分 Credit(s)	學制 Degree structur	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		三選二 Choose two of three
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 the two options  二擇一 Choose one of the two options
GN432	AI 創意設計思考 AI Creative Design Thinking	2	大學部 Undergraduate	藝術與設計學系 Department of Art and Design		

#### 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13學分，包含必修課程6學分，選修課程6學分，探索跨域課程1學分或通識課程2學分，即授予學程證書。
3. Students enrolled in this program must complete at least 13 credits, including 6 credits of required courses, 6 credits of elective courses, and either 1 credit of interdisciplinary exploratory courses or 2 credits of general education courses, in order to be awarded the program certificate.
4. 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