

元智大學應用外語學系「數位跨語」探索跨域微學程  
Department of Computer Science and Engineering  
Yuan Ze University

“Digital Translingualism” 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

一、教學目標 Teaching Objectives :

本學程旨在培養學生在「跨語 (Translingual)」環境中的適應能力，即在不同語言間流暢轉換溝通，並能熟練運用現代數位工具。核心目標包含：

1. 翻譯技術素養：超越傳統人工翻譯模式，深入理解語言轉換在數位情境下的應用。
2. 數據驅動之語言分析：利用語料庫 (Corpora) 分析言談模式，為語言研究提供科學且量化的基礎。
3. 人工智慧整合：培養學生不僅將AI視為工具，更將其轉化為設計思考與問題解決的架構。

The program aims to equip students with the ability to navigate “translingual” environments—where communication fluidly moves across languages, by employing modern digital tools. Key objectives include:

1. Technological Literacy in Translation: Moving beyond manual translation to understand the digital application of linguistic conversion.
2. Data-Driven Language Analysis: Utilizing corpora to analyze discourse patterns, providing a scientific, quantitative basis for language study.
3. AI Integration: Preparing students to use Artificial Intelligence not just as a tool, but as a framework for design thinking and problem-solving.

二、課程設計 Curriculum Design :

必修課程：3 學分

Required 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
FL219	數位翻譯應用 Digital Application of Translation	3	大學部 Undergraduate Program	應用外語學系 Department of Foreign Languages and Applied Linguistics	

選修課程：至少 5 學分

Elective courses: at least 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
FL269	語料庫言談分析 Corpus Based Discourse Analysis	3	大學部 Undergraduate Program	應用外語學系 Department of Foreign Languages and Applied	選修 Elective

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
				Linguistics	
FL344	多媒體概論 Introduction to Multimedia	2	大學部 Undergraduate Program	應用外語學系 Department of Foreign Languages and Applied Linguistics	
EXZ004	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	藝術中心 Arts Center	探索跨域及人文關懷通識課程 (七擇一) Cross-Domain Exploration and Humanistic Care General education courses (Select one course from seven options)
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 Arts Center	
EXC201	人工智慧實務 Practical Artificial Intelligence	1	大學部 Undergraduate Program	資訊管理學系 Department of Information Management	
EXB101	生成式 AI 與跨域創新實作 AI-Driven Business Model Innovation	1	大學部 Undergraduate Program	管理學院學士英語專班 English Bachelor of Business Administration Program, College of Management	
EXC401	計算機概論 Introduction to Computer Science	1	大學部 Undergraduate Program	資訊學院英語學士班 International Bachelor Program in Informatics	
GN430	基礎雲端運算與實務 General Education Courses in the AI Field	2	大學部 Undergraduate Program	通識教學部 General Education Center	
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	

### 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。學生應修畢必修3學分及選修課程，且其中至少一門課程須為非學生所屬學系（組、班）之科目。

The Program requires a minimum of 8 credits for completion. Students shall complete 3 required credits and elective courses. At least one of the courses shall be offered by a department other than their own, excluding courses co-offered with other departments.

2. 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.

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

五、學程召集人 Program Director：中澤一亮老師 Professor Kazuaki Nakazawa

六、負責規劃單位 Responsible Planning Unit：應用外語學系 Department of Foreign Languages and Applied Linguistics