

# 元智大學資訊傳播學系「智慧科技應用」探索跨域學程 科目規劃表

Department of Information Communication

Yuan Ze University

“Intelligent Technology” 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 :

近年來，數位科技與智慧互動系統快速發展，程式能力與人機互動素養已成為資訊傳播領域的重要基礎。本課程設計以程式設計、資料結構與人機互動為核心，結合理論與實作訓練，強化學生在系統開發與介面設計上的整合能力，並透過跨域選修課程拓展科學素養與跨領域應用視野，培養具備技術實力與創新思維之資訊與互動系統專業人才。

In recent years, digital technologies and intelligent interactive systems have rapidly evolved, making programming competence and human-computer interaction literacy fundamental in the field of information communication. This curriculum is structured around core courses in programming, data structures, and human-computer interaction, integrating both theoretical foundations and hands-on practice to strengthen students' abilities in system development and interface design. Through interdisciplinary elective courses, the program further broadens students' scientific knowledge and cross-domain perspectives, cultivating professionals equipped with strong technical expertise and innovative thinking in information and interactive system development.

## 二、課程設計 Curriculum Design :

必修課程：12學分

Required Courses: 12 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
IC184	程式設計（一） Computer Programming (I)	3	大學部 Undergraduate Program	資傳系 Department of Information Communication	
IC286	程式設計實習（一） Computer Programming Lab.(I)	0	大學部 Undergraduate Program	資傳系 Department of Information Communication	
IC192	程式設計（二） Computer Programming (II)	3	大學部 Undergraduate Program	資傳系 Department of Information Communication	
IC200	程式設計實習（二） Computer Programming Lab.(II)	0	大學部 Undergraduate Program	資傳系 Department of Information Communication	
IC172	資料結構 Data Structure	3	大學部 Undergraduate Program	資傳系 Department of Information 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
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	

### 選修課程：1~2 學分

Elective courses: 1~2 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
	人工智慧領域的通識課程(任一門) One General Education Course in Artificial Intelligence Fields	2	大學部 Undergraduate Program	通識教學部 General Education Center	二擇一 Choose one of the two options
EX	人工智慧領域的探索跨域課程(任一門) One Cross-Domain Exploration Course in Artificial Intelligence Fields	1	大學部 Undergraduate Program	各開課單位 Course-Offering Units	

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

本學程修業總學分數至少為13學分。學生應修畢必修課程及選修課程1~2學分，且其中至少一門課程須為非其所屬學系所開設之課程（不含與他系合開之課程），始得授與「智慧科技應用」探索跨域學程證書。

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。

The Program requires a minimum of 13 credits for completion. Students shall complete required courses and 1~2 credits of 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. Upon fulfillment of the above requirements, students shall be awarded the Cross-Domain Exploration Program in Intelligent Technology Certificate.

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：

陳昱錡 / Yu-Chi Chen

### 六、負責規劃單位 Responsible Planning Unit：

資訊傳播學系 / Department of Information Communication