

元智大學資訊管理學系「雲端運算與AI應用」探索跨域微學程 科目規劃表
 Department of Information Management at Yuan Ze University
 “Cloud Computing and AI Applications” 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 :

本學程旨在培育具備雲端運算基礎、人工智慧應用能力與跨平台系統開發實務之專業人才。透過整合人工智慧應用、AI 創意設計思考、雲端運算與實務、網際網路程式設計、Java 程式設計、行動裝置程式設計及 Python 程式設計等課程，建立學生對雲端架構、程式開發與 AI 技術之完整理解。學程強調理論與實作並重，引導學生運用雲端平台與人工智慧技術，設計並實作具創新性與實用價值的應用系統，培養其解決實務問題、跨領域整合與持續學習之能力，以因應數位轉型與智慧應用時代之產業需求，並提升未來就業競爭力。

This program aims to cultivate professionals equipped with foundational knowledge in cloud computing, practical skills in artificial intelligence applications, and cross-platform system development capabilities. By integrating courses such as Artificial Intelligence Applications, AI Creative Design Thinking, Cloud Computing Fundamentals and Practice, Internet Programming, Java Programming, Mobile Application Development, and Python Programming, students develop a comprehensive understanding of cloud architectures, programming technologies, and AI methodologies. The program emphasizes a balance between theory and practice, guiding students to utilize cloud platforms and AI technologies to design and implement innovative and practical application systems. It further enhances students' abilities in problem-solving, interdisciplinary integration, and lifelong learning, preparing them to meet industry demands in the era of digital transformation and intelligent applications, and strengthening their employability and professional competitiveness.

二、課程設計 Curriculum Design :

必修課程：5學分

Required 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
IM304	人工智慧應用 Application to Artificial Intelligence	3	大學部 Undergraduate Program	資管系 Department of Information Management	
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	二擇一 Choose one of the two options
GN430	基礎雲端運算與實務 Fundamental Cloud Computing and Practice	2	大學部 Undergraduate Program	通識教學部 General Education Center	

選修課程：至少3學分

Elective courses: At least 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
IM226	網際網路程式設計 Internet Programming	3	大學部 Undergraduate Program	資管系 Department of Information Management	
IM239	JAVA 程式設計 JAVA Programming	3	大學部 Undergraduate Program	資管系 Department of Information Management	
IM240	行動裝置程式設計 Mobile Device Programming	3	大學部 Undergraduate Program	資管系 Department of Information Management	
IM345	Python程式設計 Python Programming	3	大學部 Undergraduate Program	資管系 Department of Information Management	
IM353	雲端服務資安 Cloud Service Security	3	大學部 Undergraduate Program	資管系 Department of Information Management	
IM598	應用雲端資料管理與分析 Practical Cloud Data Management and Analytics	3	碩士班 Master Program	資管系 Department of Information Management	修習碩士班課程以大三以上學生為限 Master's degree courses are limited to students in their third year or above

三、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之科目（不可包含與他系合開之課程）

Students are required to take at least one course offered by a department other than their own.
(The courses co-offered with other departments are not included.)

2. 修讀本學程之學生必須修畢必修課程 5 學分及選修課程至少 3 學分，計修滿 8 學分（含）以上者，授與「雲端運算與 AI 應用」探索跨域微學程證書。

Students enrolled in this program must complete 5 credits of required courses and at least 3 credits of elective courses. Those who complete a total of 8 credits or more will be awarded the “Cloud Computing and AI Applications” Cross-Domain Micro 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.

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

五、學程召集人 Program Director：吳思佩教授 Professor Celeste Ng

六、負責規劃單位 Responsible Planning Unit：資訊管理學系 Department of Information Management