元智大學 管理學院/資訊學院 跨院全英語學程科目規劃一覽表
「人工智慧投資」學程

Yuan Ze University College of Management / College of Informatics
List of Cross-college English Programs for
Undergraduate Program on Artificial Intelligence in Investment

(113 學年度起適用 Effective from Academic Year 113)

學程概述 Specialization Overview:

此跨院學程將結合管理學院英專與資訊英專的專業知識，致力於人工智慧在投資領域的應用與研究。學程將涵蓋人工智慧技術、量化金融、資料分析及程式設計等相關領域，學生將學習如何利用人工智慧、大數據分析等技術進行投資決策、風險管理及市場預測。透過實務案例、專家演講及實作專題，學生將獲得跨領域的知識與技能，備戰未來金融與資訊科技的交叉應用。This specialization program combines professional knowledge in fields of management and informatics, which mainly focuses on applying and researching the use of artificial intelligence in investment-related fields. The courses of the program include AI-related technologies, quantitative finance, data analysis, computer programming etc. Upon completing this program, students will learn how to apply artificial intelligence, big data analysis, and other skills to investment decision, risk management, and market prediction. Through case studies, expert lectures, and special projects, students will obtain practical interdisciplinary knowledge and skills in finance and informatics.

開課單位 Department	課號 Course ID	課程名稱 Course Name	學分數 Credits	授課學期 Semester	授課年級 Grade	備註 Remark
管院學士英語專班 EBBA	CM250	Python 程式設計 Python Programming	3	下	二	CM250 與 IN107 必修二選一 Required. Choose either CM250 or IN107
資訊學院英語學士班 IBPI	IN107	程式設計（二）Computer Programming(II)	3	下	一	
管院學士英語專班 EBBA	CM222	投資學 Investment	3	下	二	必修 Required
管院學士英語專班 EBBA	CM205	財務管理 Financial Management	3	上	二	
管院學士英語專班 EBBA	CM219	全球產業分析 Global Industrial Analysis	3	下	二	
管院學士英語專班 EBBA	CM239	解讀財經新聞 Financial News Guide	3	上	二	
管院學士英語專班 EBBA	CM327	衍生性金融商品 Derivative Securities	3	下	三	
管院學士英語專班 EBBA	CM331	投資組合與證券分析 Portfolio and Security Analysis	3	下	三	
管院學士英語專班 EBBA	CM449	財務軟體應用 Financial Packages and Applications	3	上	三	
資訊學院英語學士班 IBPI	IN110	管理資訊系統 Management Information Systems	3	下	一	
資訊學院英語學士班 IBPI	IN312	人工智慧概論 Introduction to Artificial Intelligence	3	下	三	IN312 與 IN319 二選一 choose either IN312 or IN319
資訊學院英語學士班 IBPI	IN319	人工智慧與應用 Artificial Intelligence and Applications	3	下	三	
資訊學院英語學士班 IBPI	IN211	資訊隱私 Information Privacy	3	下	二	
資訊學院英語學士班 IBPI	IN308	資訊人員溝通 MIS Professional Communication	3	下	三	
資訊學院英語學士班 IBPI	IN315	大數據分析概論 Introduction to Big Data Analysis	3	上	三	

學程證書授予標準 Requirements for receiving Specialization Certificate:

1. 修習此學程的學生須至少修習 12 學分
   Students must receive a total of 12 credits from the above courses.

2. 選讀學程學生所修習之學程課程中，至少應有 6 學分不屬於學生本系所、雙主修及輔系之課程。
   At least 6 credits selected from the aforementioned courses must not belong to the department the student is originally from, nor be part of the student's double major or minor.

3. 學生修讀此學程，其學分不得與本院其他學程課程重複計算。
   Courses selected for this program will not be counted in other program offered by the same college.

4. 凡修畢上述學分，由兩院共同授予「人工智慧投資」學程證書。
   Upon completing the above requirements, students will receive the Artificial Intelligence in Investment specialization certificate issued by the College of Management and College of Informatics..

學程申請及證書申請方式 Application Process:

1. 本學程採預先登記制，欲修讀學程之同學請於每學期開學後一月內至個人 portal 申請(登入個人 portal→學習檔案→跨領域學程→申請選修學程)。
   Students who are interested in taking the program must register in the portal within one month after the first day of class in the new semester (Portal → Learning Profile → Interdisciplinary Program).

2. 證書申請：符合學程證書授予標準者，請備妥成績單正本至兩院英語學士班申請。
   To Apply for the certificate: Students who have completed the requirements should submit the application form (with their transcript as an attachment) to the EBBA or IBPI office.