

國立高雄大學資訊管理學系碩士班專業必選修科目表

National University of Kaohsiung, Department of Information Management, Master's Program Required and Elective Courses List

111 學年度入學新生適用 (For students admitted after the 2022 Academic Year)

Approved and amended on March 5, 2007, by the 1nd Department Meeting of the 2nd Semester of the 95th Academic Year

民國 96 年 4 月 30 日 95 學年度第 2 學期第 2 次系務暨課程會議修正通過

Approved and amended on April 30, 2007, by the 2nd Department Meeting and Curriculum Meeting of the 2nd Semester of the 95th Academic Year

民國 101 年 10 月 29 日 101 學年度第 1 學期第 3 次系務會議與課程會議修正通過

Approved and amended on October 29, 2012, by the 3rd Department Meeting and Curriculum Meeting of the 1st Semester of the 101th Academic Year

民國 101 年 12 月 3 日 101 學年度第 1 學期第 3 次課程委員會會議修正通過

Approved and amended on December 3, 2012, by the 3rd Department Curriculum Meeting of the 1st Semester of the 101th Academic Year

民國 101 年 12 月 24 日 101 學年度第 1 學期第五次系務會議修正通過

Approved and amended on December 24, 2012, by the 5nd Department Meeting of the 1st Semester of the 101th Academic Year

民國 104 年 12 月 7 日 104 學年度第 1 學期第 1 次課程委員會修正通過

Approved and amended on December 7, 2015, by the 1nd Department Curriculum Meeting of the 1st Semester of the 104th Academic Year

民國 105 年 5 月 11 日 104 學年度第 2 學期第 1 次院課程委員會通過

Approved and amended on May 11, 2016, by the 1nd College Curriculum Meeting of the 2nd Semester of the 104th Academic Year

民國 105 年 5 月 26 日 104 學年度第 2 學期校課程會議備查

Approved and Recorded on May 26, 2016, by the University Curriculum Meeting of the 2nd Semester of the 104th Academic Year

民國 106 年 9 月 18 日 106 學年度第 1 學期第 1 次課程委員會修正通過

Approved and amended on September, 2017, by the 5nd Department Meeting of the 1st Semester of the 106th Academic Year

民國 106 年 11 月 09 日 106 學年度第 1 學期第 1 次院課程委員會通過

Approved and amended on November 9, 2017, by the 1nd College Curriculum Meeting of the 1st Semester of the 106th Academic Year

民國 106 年 11 月 30 日 106 學年度第 1 學期校課程會議備查

Approved and Recorded on November 30, 2017, by the University Curriculum Meeting of the 1st Semester of the 106th Academic Year

民國 110 年 12 月 8 日 110 學年度第 1 學期教務會議備查

Approved and Recorded on December 8, 2021, by the University Academic Affairs Meeting of the 1st Semester of the 110th Academic Year

專業必修 15 學分 Required courses : 15 credits

課程名稱 Course Name	必/選修 Type	學分數 Credits	一上 S1 Year 1	一下 S2 Year 1	二上 S1 Year 2	二下 S2 Year 2	備註 Note
研究方法 (一) Research Methodology(I)	必 Required	3	√				
資訊管理 Information Management	必 Required	3	√				
書報討論 (一) Seminar for Information Management Issues(I)	必 Required	1	√				
研究方法 (二)	必	3		√			

專業必修 15 學分 Required courses : 15 credits

課程名稱 Course Name	必/選修 Type	學分數 Credits	一上 S1 Year 1	一下 S2 Year 1	二上 S1 Year 2	二下 S2 Year 2	備註 Note
Research Methodology(II)	Required						
資訊科技導論 Introduction to Information Technology	必 Required	3		√			
書報討論 (二) Seminar for Information Management Issues(II)	必 Required	1		√			
書報討論 (三) Seminar for Information Management Issues(II)	必 Required	1			√		

專業選修 15 學分 Elective courses 15 credits

課程名稱 Course Name	必/選修 Type	學分數 Credits	一上 S1 Year 1	一下 S2 Year 1	二上 S1 Year 2	二下 S2 Year 2	備註 Note
資訊管理專題研討 (一) Special Topics in Information Management(I)	選 Elective	1	√				
資訊科技與競爭策略 Information Technology and Corporate Strategy	選 Elective	3	√				
資訊趨勢與商業英語實務 Information Technology Trend and Practical Business English	選 Elective	3	√				
電子商務研究 Electronic Commerce Research	選 Elective	3	√				
投資理財實務 Investment and financial management practice	選 Elective	3	√				
資訊科技與服務創新 Information Technology & Service Innovation	選 Elective	3	√				
資訊科技專題研討 (一) Special Topics in Information Technology(I)	選 Elective	1	√				

專業選修 15 學分 Elective courses 15 credits

課程名稱 Course Name	必/選修 Type	學分數 Credits	一上 S1 Year 1	一下 S2 Year 1	二上 S1 Year 2	二下 S2 Year 2	備註 Note
資訊檢索 Information Retrieval	選 Elective	3	√				
高等資料庫管理 Advanced Database Management	選 Elective	3	√				
高等網路管理 Advance Network Management	選 Elective	3	√				
資訊與科技管理 Information and Technology Management	選 Elective	3	√				
數據分析與視覺化 Data Analytics and Visualization	選 Elective	3	√				
資訊系統研究 Information Systems Research	選 Elective	3	√				
深度神經網路 I Deep Neural Network I	選 Elective	3	√				
深度增強式學習 I Deep Reinforcement Learning I	選 Elective	3	√				
資訊管理專題研討(二) Special Topics in Information Management(II)	選 Elective	1		√			
網路消費者行為 Web Consumer Behavior	選 Elective	3		√			
知識管理研究 Knowledge Management Research	選 Elective	3		√			
供應鏈管理	選	3		√			

專業選修 15 學分 Elective courses 15 credits

課程名稱 Course Name	必/選修 Type	學分數 Credits	一上 S1 Year 1	一下 S2 Year 1	二上 S1 Year 2	二下 S2 Year 2	備註 Note
Supply Chain Management	Elective						
數位行銷 Digital Marketing	選 Elective	3		√			
英文簡報技巧 English Presentation Skills	選 Elective	3		√			
資訊科技與商業模式 Information Technology and Business Models	選 Elective	3		√			
企業參訪與個案研討 Enterprise Visiting	選 Elective	4		√			
資訊科技專題研討(二) Special Topics in Information Technology(II)	選 Elective	1		√			
資料探勘與知識挖掘 Data Mining and Knowledge Discovery	選 Elective	3		√			
數位遊戲設計 Digital Games Design	選 Elective	3		√			
社群經營與分析 Social media management and analysis	選 Elective	3		√			
物聯網 Internet of Things	選 Elective	3		√			
管理數學 Managerial Mathematics	選 Elective	3		√			
深度學習導論 Introduction to Deep Learning	選 Elective	3		√			

專業選修 15 學分 Elective courses 15 credits

課程名稱 Course Name	必/選修 Type	學分數 Credits	一上 S1 Year 1	一下 S2 Year 1	二上 S1 Year 2	二下 S2 Year 2	備註 Note
深度學習應用實務 Application of Deep Learning Techniques to Real World Problems	選 Elective	3		√			
無人載具設計與應用 Unmanned Vehicle Design and Application	選 Elective	3		√			
室內定位與無人載具技術應用 Indoor Localization Tracking and Unmanned Vehicle Application	選 Elective	3		√			
資訊管理專題研討(三) Special Topics in Information Management(III)	選 Elective	1			√		
企業實習 II Internship II	選 Elective	6					Classes are only offered during the summer semester.
企業實習 I Internship I	選 Elective	9			√		
企業實習 III Internship III	選 Elective	3			√		
資訊科技專題研討(三) Special Topics in Information Technology(III)	選 Elective	1			√		
資訊管理專題研討(四) Special Topics in Information Management(IV)	選 Elective	1				√	
資訊科技專題研討(四) Special Topics in Information Technology(IV)	選 Elective	1				√	
書報討論(四) Seminar for Information Management Issues(IV)	選 Elective	1				√	

1. 共同先修課程(0學分)：
 - 資料庫管理、系統分析與設計、電腦網路 (三選二)
 - 程式設計相關課程至少二門課
 - 企業管理、資訊管理導論(二選一)
 - 統計學II
2. 每學期修課須經指導教授書面同意。
3. 選修課程中，至少選修一門管理類與一門技術類之課程。

1. Prerequisite courses(0 credits)：
 - Database Management、Systems Analysis and Design、Computer Network (Select two out of three).
 - Take at least two courses related to Program Design.
 - Business Management、Introduction to Information Management (Choose one out of two).
 - Statistics(II).
2. Each semester, course enrollment must be approved and signed by the advisor.
3. In elective courses, students must select at least one course from the management category and one course from the technical category.