

National University of Kaohsiung, Department of Information Management, Master's Program Required and Elective Courses List
For students admitted after the 2023 Academic Year

民國 96 年 3 月 5 日 95 學年度第 2 學期第 1 次系務會議修正通過
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
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
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
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
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
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
民國 105 年 5 月 26 日 104 學年度第 2 學期校課程會議備查
民國 109 年 4 月 27 日 108 學年度第二學期第二次課程委員會會議通過
民國 109 年 5 月 12 日 108 學年度第二學期第一次院課程委員會通過
民國 109 年 5 月 28 日 108 學年度第二次校課程委員會會議通過
民國 112 年 2 月 13 日 111 年度第 2 學期第 1 次系務會議修正選修課通過

Required courses : 15 credits							
Course Name	Type	Credits	S1 Year 1	S2 Year 1	S1 Year 2	S2 Year 2	Note
Research Methodology(I)	Required	3	√				
Information Management	Required	3	√				
Seminar for Information Management Issues(I)	Required	1	√				
Research Methodology(II)	Required	3		√			
Introduction to Information Technology	Required	3		√			
Seminar for Information Management Issues(II)	Required	1		√			
Seminar for Information Management Issues(II)	Required	1			√		

Elective courses 15 credits							
Course Name	Type	Credits	S1 Year 1	S2 Year 1	S1 Year 2	S2 Year 2	Note
Special Topics in Information Management(I)	Elective	1	√				
Information Technology and Corporate Strategy	Elective	3	√				
Information Technology Trend and Practical Business English	Elective	3	√				
Sustainable Commerce Research	Elective	3	√				
Investment and financial management practice	Elective	3	√				
Information Technology & Service Innovation	Elective	3	√				
Information Retrieval	Elective	3	√				

Elective courses 15 credits

Course Name	Type	Credits	S1 Year 1	S2 Year 1	S1 Year 2	S2 Year 2	Note
Data Analysis Techniques and Applications	Elective	3	√				
Data and Service Science Practice	Elective	3	√				
Smart campus Information Technology Application Implementation Project	Elective	3	√				
Patent Information for Technology Management	Elective	2	√				
Information and Technology Management	Elective	3	√				
Data Analytics and Visualization	Elective	3	√				
Special Topics in Information Management(II)	Elective	1		√			
Knowledge Management Research	Elective	3		√			
Supply Chain Management	Elective	3		√			
Digital Marketing	Elective	3		√			
English Presentation Practice	Elective	3		√			
Research Topics on Information Services	Elective	3		√			
Information Technology and Business Models	Elective	3		√			
Business Visits & Case Study	Elective	4		√			
Data Mining and Knowledge Discovery	Elective	3		√			
Social Media Management and Analysis	Elective	3		√			
Internet of Things	Elective	3		√			
Internet of Things Technology Application Implementation Project	Elective			√			
Managerial Mathematics	Elective	3		√			
Unmanned Vehicle Design and Application	Elective	3		√			
Indoor Localization Tracking and Unmanned Vehicle Application	Elective	3		√			
Internship II	Elective	6		√			Classes are only offered during the summer vacation.

Elective courses 15 credits							
Course Name	Type	Credits	S1 Year 1	S2 Year 1	S1 Year 2	S2 Year 2	Note
Special Topics in Information Management(III)	Elective	1			√		
Internship I	Elective	9				√	
Internship III	Elective	3				√	
Special Topics in Information Management(IV)	Elective	1				√	
Seminar for Information Management Issues(IV)	Elective	1				√	

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.