

國立勤益科技大學 115 學年度資訊管理系碩士班學分計畫表

National Chin-Yi University of Technology

Curriculum Planning of 2026 Master's Degree in Department of Information Management

114.11.04 系課程會議通過

114.11.05 系務會議通過

114.11.19 11114.11.19 院課程會議通過

114.12.4 校課程委員會會議及 114.12.23 臨時教務會議審議通過

科目	Subjects	上學期 First Semester		下學期 Second Semester			
		學分 Credits	學時 Hour	學分 Credits	學時 Hour		
必修科目(17 學分) Required Courses (11credits hours)							
第一學年 First Year							
研究方法	Research Method	3	3				
創新研究	Innovation Research	3	3				
書報討論(一)	Seminar (I)	1	2				
管理資訊系統	Management Information Systems			3	3		
書報討論(二)	Seminar (II)			1	2		
第二學年 Second Year							
論文	Thesis	3	3	3	3		
科目	Subjects			學分 Credits	學時 Hour		
專業選修科目(18 學分) Department Electives Courses (18credits hours)							
資訊管理領域 Information Management Field							
* 科技管理	* Management of Technology			3	3		
* 顧客關係管理	* Customer Relationship Management			3	3		
* 專案管理	* Project Management			3	3		
* 電子商務	* Electronic Commerce			3	3		
知識管理	Knowledge Management			3	3		
策略管理	Strategy Management			3	3		
科技行銷管理	Marketing of High-Technology			3	3		
管理決策分析	Management Decision Analysis			3	3		
企業資源規劃	Enterprise Resource Planning			3	3		
資訊服務管理方法	Information Service Management Method			3	3		
企業電子化策略	e Business Strategy			3	3		
多變量分析	Multivariate Analysis			3	3		
結構化方程式	Structural Equation Model			3	3		
資訊科技領域 Information Technology Field							
* 資料探勘	* Data Mining			3	3		
雲端運算	Cloud Computing			3	3		
演算法	Algorithms			3	3		
資訊安全	Information Security			3	3		
* 巨量資料分析	Big Data Analytics			3	3		
機器學習	Machine Learning			3	3		
影像處理原理	Principles of Image Processing			3	3		
資料壓縮原理	Principles of Data Compression			3	3		
軟體工程與管理	Software Engineering and Management			3	3		
資訊系統開發與管理	Information System Development and Management			3	3		
物聯網應用與實務	IoT Application and Practice			3	3		
創新領域 Innovation Field							
企業創新與管理	Business Innovation and Management			3	3		
新興資訊科技與商業創新	Emerging Information Technologies and Business Innovations			3	3		
專利佈局	Patent Layout			3	3		
專利與研發	Patents and R&D			3	3		
萃思創意思考與應用	TRIZ-Innovative Thinking and Applications			3	3		
服務創新與管理	Service Innovation and Management			3	3		
綠色能源應用與管理	Green Energy Applications and Management			3	3		
其他選修 Other Optional Courses							
科技英文	English for Science and Technology			3	3		
企業觀摩與研習	Enterprise Observation and Study			3	3		
*多元文化與實務	* Multicultural Theory and Practice			3	3		

備註 Note :

一、畢業至少應修 35 學分 (必修 11 學分、碩士論文 6 學分、選修 18 學分)。

For a Master's degree, each student should complete at least 35 credits, including 11 credits of required courses, 6 credits of thesis and 18 credits of elective courses.

二、學生應於申請學位考試前至「教育部臺灣學術倫理教育資源中心」網路平臺完成學術研究倫理教育課程，至少 6 小時課程。

Students need to complete the academic research ethics education course for at least 6 hours before the final defence application..

三、大學修業期間未修過系統分析、資料庫或網路等相關課程之學生，入學後必須至大學部修習前述三門課程中之任二門，且不計入畢業學分。

For students who did not take system analysis/ database/ network related courses during the study period of undergraduate, must take two of the three courses above in the undergraduate program, and will not be counted as graduation credits.

四、每一領域選修課程，至少必須各選修一門。

You are required to take at least one course in each category of elective courses.

五、註記「*」課程若開設為全英文授課，僅限於開放為管理學院外籍生之共同選修課程，不受跨系修課 1/3 門檻限制。

If the "*" course is taught in English, it will be restricted to the department required courses for foreign students of the School of Management and will not be subject to the 1/3 threshold of cross-discipline courses.

六、為因應法規變更、評鑑建議或政府計畫規定等外在因素，本系保有調整學分計畫之權利。若有修訂，將於學期開始前公告，並明確說明修訂內容、影響範圍及相關配套措施，以保障學生權益。

The department reserves the right to adjust the curriculum in response to external factors such as changes in regulations, suggestions of evaluation and accreditation, or government program regulations. If there are any revisions, will be announced before the start of the semester, and the revised content, scope of impact, and related supporting measures will be clearly stated to protect the rights and interests of students.