國立勤益科技大學 108 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 2019 Master's Degree in Department of Information Management

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	＊Technology Management			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			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
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
海外研習	Overseas 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、學生於畢業前須修過「學術研究倫理教育課程」必修 0 學分(6 小時)課程。

Before graduation, each student should complete Academic Research Ethics Education Course, which is 6 hours required course with 0 credit.

三、大學修業期間未修過系統分析、資料庫或網路相關課程之學生必選修「資訊系統開發與管理」課程。

For those who did not take system analysis/database/network-related courses in undergraduate study, Information Systems Development and Management is a must.

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、學生於畢業前須取得 30 點非正式課程積分。參與校內競賽、企業參訪：每次取得積分 5 點；參與校外競賽、海外交流活動：每次取得積分 10 點；參與專題講座及藝文活動：每小時取得積分 1 點；參與社團（如系學會或校內外社團）幹部：每學期取得積分 5 點。

Students must earn 30 points for informal courses before graduation. Participate in intra-school competitions, corporate visits: 5 points per time; participate in outside of school competitions, overseas exchange activities: 10 points per time; participate in special lectures and art activities: 1 point per hour; participation in community cadre at the school or outside the school: 5 points per semester.