

慈濟大學 115 學年度入學資訊科技與管理學系(大學部)開課科目及學分時數表  
Department of Tzu Chi University, Information Technology and Management, 133 credits, Spring 2026.

115.04.27 系課程委員會製訂(April 27, 2026: Approved by the Department Curriculum Committee)

115.04.28 院課程委員會製訂(April 27, 2026: Approved by the College Curriculum Committee)

115.05.15 校課程委員會製訂(MAY 15, 2026: Approved by the University Curriculum Committee)

Subject Category 科目類別	Course Notes & Syllabus 說明課程修 課附錄	Course Title in Chinese 課程中文名稱	Course Title in English 課程英文名稱	Credits 學分	Hours 時數	Year1 115 (2026) 開課學年度		Year2 116 (2027) 開課學年度		Year3 117 (2028) 開課學年度		Year4 118 (2029) 開課學年度		Note 備註	Special Topic Course 主題課程											
						1st Semester 上學期	2nd Semester 下學期	1st Semester 上學期	2nd Semester 下學期	1st Semester 上學期	2nd Semester 下學期	1st Semester 上學期	2nd Semester 下學期		備註 V:											
															1	2	3	4	5							
Basic General Courses (Required) 共同必修		中文閱讀與書寫	Chinese Reading and Writing	2	2		2							6												
		慈濟人文	Tzu-Chi Philosophy	2	2	2	2							6												
		**AI 應用與程式設計	AI Applications and Programming	2	2		2							6												
General Elective Courses 通識選修課程		博雅通識選修課程	Liberal Arts Elective Courses	16	16	通識選修共分為七類課程，學生須至少修習四個不同類別，每類至少2學分。建議於一、二年級修完。 General Education elective courses are divided into seven categories. Students must complete courses from at least four different categories, earning a minimum of 2 credits in each. It is												16								
General Courses of the Colleges 院通識課程		院通識課程	General Courses of the Colleges	4	4	由各學院規劃。 Planned by each college.												4								
				小計		Total Credits																				
Foreign Language 外語課程		*基礎英文	Fundamental English	2	2	基礎英文課程分為4級：Pre-A1、A1、A2、B1。學生依入學英文成績分級，須依其級別或高於核定級別修課。無入學英文成績者，由外語教學中心另安排測試分級。全學年開課，可於上或下學期修課。 Foundational English courses are offered at four levels: Pre-A1, A1, A2, and B1. Placement is based on students' entry-level English scores, or a test arranged by the Foreign Language Education Center if no score is provided. Courses are available in both fall and spring semesters.												2								
		外語選修課程	Foreign Language Courses	2	2	外語選修課程包括英語檢定課程(學術或職場英語，如多益、托福、雅思考等)、第二外語(日、韓、法、德、西、印、泰、越)及華語等，擇一修習，建議於一、二年級完成。若選修所屬國家的官方語言課程，不得列入外語課程學分採計。 Foreign language elective courses include English certification courses (academic or workplace English, e.g. TOEIC, TOEFL, IELTS), second foreign languages (Japanese, Korean, French, German, Spanish, Indonesian, Thai, Vietnamese), and Mandarin Chinese. Students choose one to take, preferably in their first or second year. Courses in a student's own country's official language are not eligible for foreign language credit recognition.																				
Physical Education 體育		運動與健康	Physical Activity & Health	2	2									3												
		*活動性體育課程興趣選	Interest Options for Active Physical Education Courses	1	1	*活動性體育課程興趣選由體育教學中心所開設選修課程中擇選一門。 *The interest option for active physical education courses is to choose any one of the elective courses offered by the Physical Education Center.												3								
				小計		Total Credits																				
				通識學分		33		33		7		6		6		4		4		9		9		33		
				專業學分		100		13		17		11		12		12		9		9				100		
College-level Professional Core (Required) 院級_專業核心(必修)		程式設計	Introduction to Computer Programming	3	3		3																			
		經濟學	Introduction to Economics	3	3		3																			
		管理學	Introduction to Management	3	3		3																			
		計算機概論	Introduction to Computer Science	3	3			3																		
		會計學	Accounting	3	3			3																		
		統計學	Statistics	3	3				3																	
		商法	Business Law	2	2					2																
		智慧財產權及科技法	Intellectual Property and Technology Law	2	2						2															
		多媒體設計與製作	Multimedia Design and Production	2	2	2																				
		管理數學	Management of Mathematics	2	2	2																				
Departmental Professional Foundation (Required) 系級_專業基礎(必修)		* 機率與商業智慧	Probability and Business Intelligence	3	3				3																	
		企業資料通訊	Business Data Communications	3	3						3															
		作業系統	Operating System	3	3							3														
Departmental Professional Core (Required) 系級_專業核心(必修)		物件導向技術	Object-Oriented Technology	3	3			3																		
		資料結構	Data Structure	3	3				3																	
		資料庫管理系統	Database Management System	3	3					3																
		演算法	Algorithms	3	3					3																
		管理資訊系統	Management Information System	3	3						3															
		專題製作(一)	Practical Project 1	1	1							1														
		專題製作(二)	Practical Project 2	1	1								1													
		業界實習	Internship in Professional Practice	3	240									3												
					小計		Total Credits		55		13		9		8		9		4		3		0			
	Departmental Professional Elective Courses 系級_專業選修	Primary Specialization: AI and Big Data 第一專長課程_ AI大數據	人工智慧	Artificial Intelligence	3	3			3																	
資料探勘			Data Mining	3	3				3																	
大數據分析			Big Data Analytics	3	3					3																
物聯網			Internet of Things	3	3							3														
AI 深度學習			AI Deep Learning	3	3								3													
Secondary Specialization: Digital Multimedia 第二專長課程_ 數位多媒體		AIoT 實務應用	AIoT Practice and Application	3	3								3													
		資訊視覺化	Information Visualization	3	3									3												
		數位影像處理	Digital Image Processing	3	3			3																		
		影片剪輯	Video Clips	3	3				3																	
		Unity 跨平台應用設計	Unity Multi-Platform Application Development	3	3					3																
General Electives 一般選修		電腦動畫	Computer Animation	3	3						3															
		網路直播行銷	Live Streaming and Marketing	3	3								3													
		智慧機器人概論	Introduction to Smart Robots	3	3			3																		
		.NET 程式設計	.NET Programming	3	3				3																	
		資訊服務與學習	E-Service and Learning	2	2						2															
		專案企劃	Project Planning	1	1						1															
		資訊安全管理	Information Security Management	3	3						3															
		系統分析與設計	System Analysis and Design	3	3							3														
		生成式人工智慧	Generative Artificial Intelligence	3	3								3													
		雲端應用	Cloud Application	3	3									3												
				小計		Total Credits		45		0		6		6		6		6		6		9		45		
Total Credits 學分總計	專業選修規畫小計				55																					
	必修學分		IT and M		26																					
	通識		General		7																					
	專業選修最低學分數		Minimum Total Credits for Elective Courses		45		0		6		6		6		6		6		6		9					
	自由選修		Free electives		0																					
畢業最低學分數		Credit Requirements for Graduation		133																						
Remark 備註	<p>1. Electives are courses offered in the current semester.</p> <p>專業選修課程依各學期實際開設課程為主。</p> <p>2. The elective course calculation standards for this department are as follows: Students must complete at least 15 credits of Primary Specialization and at least 9 credits of Secondary Specialization. Credits exceeding the minimum requirements will be automatically converted to general elective credits.</p> <p>專業選修課程採計標準如下：學生須修習第一專長課程至少 15 學分、第二專長課程至少 9 學分。超過最低學分要求之部分，進行轉計為一般選修學分。</p> <p>3. Graduation Requirement: Students of this department must fulfill the requirements specified in the "Professional Certification Graduation Requirement Regulations of the Department of Information Technology and Management."</p> <p>本學系學生畢業門檻為：須通過「資訊科技與管理學系專業認證畢業門檻辦法」之規範。</p>																									