

Chang Jung Christian University Master Degree Program in Information and Design Curriculum List

(Curriculum Guides,2020 Academic Year)

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obligatory / elective course	No.	course name(ch)	course name	grade	semester	credit	hours/week		Remark
							instruction	parctice	
dep. course-obligatory	IF00000	書報討論 I	Seminar I	1	1	1	2	0	
	IF00060	研究方法與專業寫作	Research Methods and Professional Writing	1	1	2	2	0	
	IF00004	校園學術倫理數位課程	Academic Ethics	1	1	0	0	2	
	IF00001	書報討論 II	Seminar II	1	2	1	2	0	
	IF00002	書報討論 III	Seminar III	2	1	1	2	0	
	IF00003	書報討論 IV	Seminar IV	2	2	1	2	0	
dep. course-elective	IF00005	進階資料庫系統	Advanced Database System	1	1	3	3	0	
	IF00061	進階資料視覺化	Advanced Data Visualization	1	1	3	3	0	
	IF00008	多目標決策	Multiple Objective Decision Marking	1	1	3	3	0	
	IF00080	資訊安全實務與應用	Information Security Practice and Application	1	1	3	3	0	
	IF00063	數位影像壓縮	Digital Image Compression	1	1	3	3	0	
	IF00059	智慧存取設備	SMART Access and Equipment	1	1	3	3	0	
	IF00016	遊戲引擎與特效	Game Engine and Effects	1	1	3	3	0	
	IF00064	設計專案規劃與管理	Design Project Planning and Management	1	1	3	3	0	
	IF00065	創意與藝術心理學	Psychology of Art and Creativity	1	1	3	3	0	
	IF00013	數位設計思考		1	1	3	3	0	
	IF00067	視覺設計研究	Studies in Visual	1	1	3	3	0	
	IF00068	類神經網路專題	Seminar on Neural Networks	1	2	3	3	0	
	IF00033	行動計算	Mobile Computing	1	2	3	3	0	
	IF00069	巨量資料分析與實務	Big Data Analysis and Practices	1	2	3	3	0	
	IF00050	視覺控制飛行系統設計	Visual Control Flight System Design	1	2	3	3	0	
	IF00070	特效與物件追蹤	Visual Effects and Object Tracking	1	2	3	3	0	
	IF00057	數量化決策理論與應用	Quantitative Decision Theory and Application	1	2	3	3	0	
	IF00078	設計資訊視覺化理論	Data Visualization and Infographics	1	2	3	3	0	
	IF00072	數位藝術	Digital art	1	2	3	3	0	
	IF00058	行動應用開發	Development of Mobile Applications	1	2	3	3	0	
	IF00035	無線通訊系統	Wireless Communication Systems	1	2	3	3	0	
	IF00009	進階機器學習	Advanced Machine Learning	2	1	3	3	0	

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dep. course-elective	IF00073	人工智慧應用與實務	Applications of Artificial Intelligence in Practice	2	1	3	3	0	
	IF00075	雲端運算實務		2	1	3	3	0	
	IF00053	數位化產品設計策略研究	Strategy Study in Digital Product Design	2	1	3	3	0	
	IF00071	互動裝置	Advanced Interactive Device	2	1	3	3	0	
	IF00081	使用者介面與體驗	User Interface and Experience	2	1	3	3	0	
	IF00042	航空與飛行原理	Aviation and Principle of Flight	2	1	3	3	0	
	IF00023	企業資源規劃專論	Enterprise Resource Planning Monograph	2	1	3	3	0	
obligatory 12 elective course 24 credit sum 36									