

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

(Curriculum Guides,2018 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	
	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	
	IF00006	企業流程再造		1	1	3	3	0	
	IF00007	資料藝術	The Art of Data Visualization	1	1	3	3	0	
	IF00008	多目標決策	Multiple Objective Decision Marking	1	1	3	3	0	
	IF00009	進階機器學習	Advanced Machine Learning	1	1	3	3	0	
	IF00010	無人機飛控設計	Design of the UAV flight control	1	1	3	3	0	
	IF00011	綠能光電		1	1	3	3	0	
	IF00012	環境資訊系統設計專題		1	1	3	3	0	
	IF00013	數位設計思考		1	1	3	3	0	
	IF00015	互動體驗實務	Practice of Interactive Experiencing	1	1	3	3	0	
	IF00016	遊戲引擎與特效	Game Engine and Effects	1	1	3	3	0	
	IF00017	高等演算法		1	1	3	3	0	
	IF00018	雲端運算		1	1	3	3	0	
	IF00019	資訊安全管理專題		1	1	3	3	0	
	IF00049	自主飛行系統設計		1	1	3	3	0	
	IF00052	感性工學	Kansei Engineering	1	1	3	3	0	
	IF00053	數位化產品設計策略研究	Strategy Study in Digital Product Design	1	1	3	3	0	
	IF00058	行動應用開發	Development of Mobile Applications	1	1	3	3	0	
	IF00059	智慧存取設備	SMART Access and Equipment	1	1	3	3	0	
	IF00050	視覺控制飛行系統設計	Visual Control Flight System Design	1	2	3	3	0	
	IF00021	人工智慧程式設計	Artificial Intelligence Programming	1	2	3	3	0	
	IF00022	使用者介面與體驗專論	User interface and experience monographs	1	2	3	3	0	
	IF00023	企業資源規劃專論	Enterprise Resource Planning Monograph	1	2	3	3	0	
	IF00024	進階訊號處理		1	2	3	3	0	

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dep. course-el ective	IF00025	嵌入式系統專論		1	2	3	3	0	
	IF00026	資訊教育	Information Education	1	2	3	3	0	
	IF00027	太陽能系統實務		1	2	3	3	0	
	IF00028	機器視覺		1	2	3	3	0	
	IF00029	類神經網路專論	Special Topics on Neural Networks	1	2	3	3	0	
	IF00030	無人機設計與分析	UAV design and analysis	1	2	3	3	0	
	IF00031	數位製造		1	2	3	3	0	
	IF00033	行動計算	Mobile Computing	1	2	3	3	0	
	IF00054	遊戲設計專題	Game Design Project	1	2	3	3	0	
	IF00056	設計量化分析	Design quantitative analysis	1	2	3	3	0	
	IF00035	無線通訊系統	Wireless Communication Systems	2	1	3	3	0	
	IF00037	大數據分析	Big Data Analytics	2	1	3	3	0	
	IF00040	進階專案管理		2	1	3	3	0	
	IF00042	航空與飛行原理	Aviation and Principle of Flight	2	1	3	3	0	
	IF00043	滲透測試	Penetration Test	2	1	3	3	0	
	IF00044	生成藝術		2	1	3	3	0	
	IF00045	多媒體資料壓縮	Multimedia Data Compression	2	1	3	3	0	
	IF00055	高等無人機應用導論	Advanced Drone Application Introduction	2	1	3	3	0	
	IF00057	數量化決策理論與應用	Quantitative Decision Theory and Application	2	1	3	3	0	
obligatory 10 elective course 24 credit sum 34									