

Chang Gung University, Department of Information Management Course Map

	1 st year Autumn	1 st year Spring	2 nd year Autumn	2 nd year Spring
Required (Department)	Seminar on Information Technology and Applications	Seminar on Information Management Professional Ethics Academic Writing	Seminar	
Elective (Foundmental Courses)	Big Data Processing and Analytical Techniques Data Mining Applied Multivariate Analysis Research Methods (I) Combinatorial Optimization Introduction to Deep Learning	Independent Study Web Mining and Text Mining Research Methods (II) The Classification Topics in Artificial Intelligence Business English Communication Application Project for Deep Learning Mixed Method: Research Design and Application	Independent Study Social Network Analysis Special Topic in Decision Analysis Structural Equation Modeling SEM	Independent Study
Elective in Information Management		Digital Marketing Healthcare Management Information System E-Business Service Science and Management Mobile Commerce Knowledge Management Digital Transformation: a Global Perspective	User Behavior and Management Big Data Application and Electronic Commerce Health Information Management	
Elective in Information Technology	Advanced Information Security Wireless Communications Medical Informatics Image Processing	Medical Imaging Special Topics in Information Security		
Elective in Industrial Applications	Information Systems Practice in Bank Finance System Analysis on Bank Finance Information Systems Healthcare Information Exchange Practice System Analysis on Healthcare Information Systems			