

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	3 rd year, Autumn	3 rd year, Spring	4 th year, Autumn	4 th year, Spring
(College)	AI Language and the Industrial Applications(Required) Statistics (I)(Required)	Accounting (I)(Required) Practical English (2) : Reading & Writing(Elective) Practical English (2) : Listening & Speaking(Elective)		Economics (I)(Required)		Platform Strategy		Introduction to Machine Learning
Required (Department)	Introduction to Computer Science Computer Programming (I) Calculus	Statistics (II) Computer Programming (II)	Management Communication and Presentation Skills Data Structures	Database Management Web Applications Development (I) Computer Networks	Management Information Systems Systems Analysis and Design	Information Ethics and Cyber Law Senior Project (I)	Senior Project (II)	
Elective in Industrial Practice				Information Management Project (I)	Practice School Information Management Project (II)			Internship FPG Internship
Elective in Information Management		Introduction to Information Management		Marketing Management Production and Operations Management	Human Resource Management Logistics and Supply Chain Management	Management Science Financial Management Platform Strategy	Project Management	Service Science and Management Digital Transformation: A Global Perspective Lean Supply Chain Management Knowledge Management
Enterprise Information Systems Applications					Internet Marketing	Electronic Commerce	Program Trading CRM and BI Big Data Application and Electronic Commerce Enterprise Resource Planning	Digital Marketing
Elective in Information Technology	Practice in Information Technology	Information Technology Terminology	C Language Programming	Mobile Device Application Programming Practical network system management Introduction to Internet of Things	Windows Programming Web Applications Development (II)	Operating System Enterprise Website Development	Information Systems Practice in Bank Finance System Analysis on Bank Finance Information Systems Healthcare Information Exchange Practice System Analysis on Healthcare Information Systems	
Elective in ICT Security			Introduction to Information Security	Information System Auditing and Management Practice and Application of Blockchain	Computer Network	Medical Information System Security Network Attack and Defense Techniques and Applications	Digital Forensics	
Elective in Data Intelligence			Applied Statistics Data Visualization	Cloud-Based Machine Learning Data Capture and Applications Interaction Design of Intelligent Machines Case Study of Data Analytics Programs Data Processing Essentials IT User Survey Methods	Big Data Analytical Methods Database Programming	Non-Relational Database Web Mining and Text Mining Understanding Data Management Tools With Cases Capstone Project for Intelligent Innovations	Big Data Processing and Analytical Techniques	