

111-114 學年度 系所課程地圖

Department Curriculum Map for the 2022-2025 Academic Year

系所概要 Department		2022.02.09
Dept/Institute	Graduate Institute of Technology Management	
Class	Ph.D	

教育目標 (Objectives)	編號 Number	項目內容 (Content)
	a	科學方法 (Scientific Methods)
	b	定義問題 (Identifying Problems)
	c	推演假說與分析 (Developing Hypothesis & Analysis)
	d	鑽研理論與創新知識 (Exploring Theories & Innovating Knowledge)

學生核心能力 (Student Core Competencies) ※可附上【學生核心能力與課程規劃關聯圖】 ※(Can be attached 【Student Core Competencies and Curriculum Planning Relationship Diagram】)	編號 Number	項目內容 (Content)	對應之教育目標編號 Corresponding Education Goal Number
	A	能運用科學的研究方法 (Application of scientific research methods)	a
	B	能明確定義研究問題 (Identification of research questions)	b
	C	具備推演假說與分析能力 (Hypothesis development and analysis)	c
	D	鑽研科技管理領域的理論 (Exploration in technology management theories)	d
	E	具備知識創新的能力 (Competence in knowledge innovation)	d

※附註 Note :

1.各系所所屬之班別，含學士班、碩士班、博士班等，請分別填寫。

1. Complete the map separately for each division, including Bachelor' s, Master' s, and Doctoral program.

例如：資管學士班需填寫表二及表三；資管碩士班也須填寫表二及表三。

For example, Forms 2 and 3 must be completed for Bachelor' s program in Management Information Systems, and also for Master' s program in for Bachelor' s program in Management Information Systems.

2.教育目標及核心能力之代號皆以英文為主。

2. Codes for Education Goals and Core Competencies must be in uppercase English alphabet letters.

3.可依不同班(組)別填寫教育目標及核心能力。

3. Education Goals and Core Competencies can be specific to the division in question.

單位主管簽章：賴榮裕

承辦人簽章：陳美莉

2022年2月9日所務會議通過

Head of Planning Division:

Signature of Responsible Person:

Promulgated by GITM Institute affairs committee meeting on 2022.02.09

課程名稱 (Courses)			規劃要點 (附註) Plans(Notes)				對應核心 能力編號 Corresponding Education Goal Number			建議 修課年級 Suggeste d Year of Study	開課 單位 Course Offering Unit	備註 Remarks
			1	2	3	4						
院核心課程 College Core Courses												
必修課程 Required Courses												
01	CHI ENG	高等研究方法 Advanced Research Methods	D	A	S	3	A 30%	B 40%	C 30%	1、2	科管所 Dept. of ITM	
02	CHI ENG	電子化策略與經營模式 Internet Business Models and Strategies	D	A	S	3	B 35%	D 30%	E 35%	1、2	科管所 Dept. of ITM	
03	CHI ENG	科技管理理論與實務 Management of Technology: Theory and Practice	D	A	S	3	A 30%	B 35%	D 35%	1、2	科管所 Dept. of ITM	
04	CHI ENG	博士論文 Dissertation	D	C	Y	12				1、2	科管所 Dept. of ITM	
選修課程 Elective Courses												
05	CHI ENG	數量方法 Quantitative Methods	D	A	S	3	A 35%	B 35%	C 30%	1、2	科管所 Dept. of ITM	
06	CHI ENG	電子商務理論與應用 Electronic Commerce Theory and Applications	D	A	S	3	C 50%	D 50%		1、2	科管所 Dept. of ITM	
07	CHI ENG	高階電子化企業研究 Advanced Research Topics in E-Business	D	A	S	3	A 50%	B 20%	C 30%	1、2	科管所 Dept. of ITM	
08	CHI ENG	科技商品化與創業管理 Special Topics in Technology Commercialization and Entrepreneurship	D	A	S	3	D 50%	E 50%		1、2	科管所 Dept. of ITM	
09	CHI ENG	服務科學與管理 Service Science and Management	D	A	S	3	B 30%	C 30%	E 40%	1、2	科管所 Dept. of ITM	
10	CHI ENG	創新產品開發研討 Special Topics in Innovative Product Development	D	A	S	3	B 40%	C 40%	D 20%	1、2	科管所 Dept. of ITM	
11	CHI ENG	科技管理決策分析研討 Special Topics in Decision Analysis for Technology Management	D	A	S	3	A 40%	C 30%	D 30%	1、2	科管所 Dept. of ITM	
12	CHI ENG	組織創新與智慧資本管理研討 Special Topics in Organizational Innovation and Intellectual Capital Management	D	A	S	3	D 50%	E 50%		1、2	科管所 Dept. of ITM	
13	CHI ENG	創業與社會網絡研討 Special Topics in Entrepreneurship and Social networks	D	A	S	3	D 50%	E 50%		1、2	科管所 Dept. of ITM	

課程名稱 (Courses)			規劃要點 (附註) Plans(Notes)				對應核心 能力編號 Corresponding Education Goal Number			建議 修課年 級 Suggest ed Year of Study	開課 單位 Course Offering Unit	備註 Remarks
			1	2	3	4						
14	CHI ENG	高科技製造策略 Manufacturing Strategies for Hi-Tech Firms	D	A	S	3	C 40%	D 60%		1、2	科管所 Dept. of ITM	
15	CHI ENG	流程創新研討 Special Topics in Operational Innovation	D	A	S	3	A 60%	B 40%		1、2	科管所 Dept. of ITM	
16	CHI ENG	科技法律與智慧財產權管理 Management of Technology Law and Intellectual Property Rights	D	A	S	3	B 40%	C 30%	D 30%	1、2	科管所 Dept. of ITM	
17	CHI ENG	科技產業競爭與分析研討 Special Topics in Industry Competition and Analysis	D	A	S	3	D 50%	E 50%		1、2	科管所 Dept. of ITM	
18	CHI ENG	科技創新管理研討 Special Topics in Technology Management	D	A	S	3	B 40%	D 60%		1、2	科管所 Dept. of ITM	
19	CHI ENG	結構方程模式 Structural Equation Modeling	D	A	S	3	A 30%	C 20%	D 50%	1、2	科管所 Dept. of ITM	
20	CHI ENG	智慧財產權管理策略與運用 Intellectual Property Strategy and Management	D	A	S	3	B 40%	C 40%	D 20%	1、2	科管所 Dept. of ITM	
21	CHI ENG	資訊科技與資料分析專案 Information Technology & Data Analysis	D	A	S	3	A 30%	C 20%	E 50%	1、2	科管所 Dept. of ITM	

※附註：規劃要點填表說明：(1 到 4 各欄位請填正確代表字母)

Notes: Instructions for completing this form are provided below (please provide the correct English alphabet letter in fields 1 to 4)

1 : U-學士課程、M-碩士課程、D-博士課程 1: U-Bachelor' s program, D-Doctoral program.

2 : A-正課、B-實習課、C-台下指導之科目如學生講述或邀請演講之專題討論、專題研究.....等。

2 : A-Lecture, B- Internship, C-Subjects with private guidance such as student presentations or invited speeches, topic discussions, topic research, ect.

3 : S -學期課、Y -學年課。3: S-Semester course, Y-Year-long course.

4 : 科目 (全期或全年) 總學分數 (請填阿拉伯數字)。

4: Total course (full-semester or full-year) credits (in Arabic numerals).

單位主管簽章：賴榮裕
Head of Planning Division:

承辦人簽章：陳美莉
Signature of Responsible Person:

2022 年 2 月 9 日所務會議通過
Promulgated by GITM Institute affairs
committee meeting on 2022.02.09