

114 學年度-系所課程地圖

Department Curriculum Map for the 2025 Academic Year

系所概要 Department	
系所名稱 Department Name	資訊工程學系 Department of Computer Science and Engineering
班別 Division	博士班 Doctoral Program

教育目標 Education Goals	編號 Number	項目內容 Content	
	1	培養具備資訊理論、硬體、軟體、網路多媒體與資訊應用專長之資訊人才。 Cultivate an information talent mastering information theory and familiar with computer software/hardware, multi-media networks and information application.	
	2	培養具備理論基礎與實作能力的資訊人才。 Cultivate an information talent with theoretical basis and implementation ability.	
	3	培養具備自我挑戰與終身學習能力之人才。 Cultivate a talent of the abilities in self-challenge and lifelong learning.	
學生核心能力 Student Core Competencies	編號 Number	項目內容 Content	對應之教育目標 編號 Corresponding Education Goal Number
	A	具備資訊科學素養、資訊理論與數學分析之能力 Having abilities on computer science literacy, information theory, and mathematical analysis.	13
	B	具備分析、設計與實作資訊硬體系統之能力 Having abilities of analyzing, designing, and implementing IT hardware systems.	13
	C	具備分析、設計與實作資訊軟體系統之能力 Having abilities of analyzing, designing, and implementing IT software systems.	13
	D	具備分析、設計與整合資訊應用系統之能力 Having abilities of analyzing, designing, and integrating IT application systems.	13
	E	具備分析、設計與實作資訊網路與多媒體系統之能力 Having abilities of analyzing, designing, and implementing information network and multimedia systems.	13
	F	具備自我學習、溝通協調與團隊合作之能力 Having abilities of self-learning, communicating and coordinating team work.	23

※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字母大寫為主。
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 Head of Planning Division：

承辦人簽章 Signature of Responsible Person：

112 年 01 月 11 日

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	G	具備資料蒐集、獨立思考、解決問題及研究創新之能力 Having abilities of data collection, independent thinking, problem solving, and research innovation.	12
	H	尊重學術倫理並具備學術論文的簡報與撰寫能力 Respecting academic ethics and having the abilities of presenting and writing academic research paper.	2

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課程規劃表 Curriculum Plan

◎規劃單位 Planning Unit：資訊工程學系 Department of Computer Science and Engineering

課程名稱 Course	規劃要點 (附註) Plans (Notes)				對應核心 能力編號 Corresponding Education Goal Number	開課 單位 Course Offering Unit	備註 (開 課年級) Remarks (Year of Study)
	1	2	3	4			
院核心課程 (若無免填) College Core Courses (not required if none)							
(中文)							
(英文)							
(中文)							
(英文)							
(中文)							
(英文)							
必修課程 Required Courses							
(中文) 博士論文 (英文) Dissertation	D	C	Y	12	F30G30 H40	資工系 Dept. of Computer Science and Engineering	2
(中文) 專題演講〈一〉 (英文) Seminar in Computer Science(I)	D	C	Y	2	A100	資工系 Dept. of Computer Science and Engineering	1
(中文) 專題演講〈二〉 (英文) Seminar in Computer Science(II)	D	C	Y	2	A100	資工系 Dept. of Computer Science and Engineering	2
(中文)							
(英文)							
(中文)							
(英文)							
(中文)							
(英文)							
(中文)							
(英文)							

※附註：規劃要點填表說明：(1 到 4 各欄位請填正確代表字母)

Note: Instructions for completing this form are provided below (please provide the correct English alphabet letters 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, M-Master'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, etc.

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 Head of Planning Division :

承辦人簽章 Signature of Responsible Person :

112 年 01 月 11 日

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◎規劃單位 Planning Unit：資訊工程學系 Department of Computer Science and Engineering

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	1	2	3	4			
選修課程 Elective Courses							
(中文) 科技英文寫作 (英文) English Technical Writing	D	A	S	3	F60G20 H20	資工系 Dept. of Computer Science and Engineering	1
(中文)							
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