

107-113學年度系所課程地圖 Academic Years 2018-2024 Department Curriculum Map

系所概要 Department	
系所名稱 Department Name	環境工程學系(Department of Environmental Engineering)
班別 Division	博士班(Doctoral Program)

教育目標 Education Goals	
編號 Number	項目內容 Content
A	培育學生的科學基礎、環工專業知識、全球永續發展觀念及終生學習能力。(Cultivate students' scientific foundation, professional knowledge in environmental engineering, global sustainable development concepts, and lifelong learning abilities.)
B	培養學生具有研發創新、工程實務及系統整合之基本能力。(Develop students' fundamental capabilities in research and innovation, engineering practices, and system integration.)
C	培養學生具有合群敬業之態度、服務社會之熱忱及環境保護之使命感。(Foster students' attitude toward collaboration and dedication, enthusiasm for serving society, and a sense of purpose for environmental protection.)

學生核心能力 Student Core Competencies		
編號 Number	項目內容 Content	對應教育目標編號 Corresponding Education Goal Number
A	環境工程的專業知識。(Expertise in environmental engineering.)	A
B	策劃及執行環境工程專題研究的能力。(Ability to plan and execute research on environmental engineering topics.)	A
C	撰寫環境工程專業論文的能力。(Ability to write professional papers in environmental engineering.)	A
D	創新思考及獨立解決問題的能力。(Innovative thinking and independent problem-solving skills.)	B C
E	與不同領域人員協調整合的能力。(Ability to coordinate and integrate with people from different fields.)	B C
F	良好的國際觀。(Good international outlook.)	A
G	領導、管理及規劃的能力。(Ability to lead, manage and plan.)	A B C
H	終身自我學習成長的能力。(Ability to grow through lifelong self-learning.)	C

※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.
- 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.

承辦人簽章：

Signature of Responsible Person:

規劃單位主管簽章：

Head of Planning Division:

年 月 日

Date:

課程規畫表 Curriculum Plan

[illegible]

※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).

承辦人簽章:

規劃單位主管簽章:

年 月 日

Signature of Responsible Person:

Head of Planning Division:

Date:

課程規畫表 Curriculum Plan

[illegible]

※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).