

明志科技大學

規章編號

A200130002

International Master Program on Chemical Materials and  
Environmental Engineering  
化工材料與環境工程國際碩士學分學程  
實施要點

制定部門：明志科技大學環資學院  
中華民國 106 年 06 月 28 日 修訂

修訂記錄：

104年05月22日第九次院主管會議制訂與審議

104年06月10日第六次院課程委員會議審議通過

104年06月23日第五次教務會議審議通過

106年06月28日第一次院務會議修訂

106年07月25日第六次教務會議審議通過

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# International Master Program on Chemical Materials and Environmental Engineering

(化工材料與環境工程國際碩士學分學程實施要點)

106.06.28 院務會議修訂

106.07.25 教務會議通過

## 第一條 設置宗旨 (Article 1: Purposes)

This international master course program aims to link courses related to Chemical Materials and Environmental Engineering. These courses are offered in Departments of the Chemical Engineering, Safety, Health and Environmental Engineering, Materials Engineering. This English taught program offers students from domestic area and around the world unique opportunities to learn Chemical/Materials/Environmental Engineering knowledge and technique. In addition, this program is designed to encourage cross-disciplinary learning and to offer foreign students a flexible curriculum. It includes the courses offered in English from all the departments in the college and aims to equip students with the core knowledge in each Environmental and Resources discipline. International students can thus acquire the basic training of different fields. They can then conduct research work in specific department and pursue an advanced degree correspondingly according to their own interests.

本國際碩士學分學程課程由環資學院之化學工程系、環境與安全衛生工程系、材料工程系所提供，學程內容連貫化工材料與環境工程專業相關之理論與實務課程，此學程採全英語教學，提供本國與外籍學生修習。此外，此學程也鼓勵本國學生修習跨領域知識與技術，對於外國學生而言，本學程提供整合專業與修課彈性，學生修習各系與化工材料與環境工程共通之專業後，可依照各自的研究興趣深入鑽研，進而獲得碩士學位。

## 第二條 修讀資格 (Article 2: Applicants)

All graduate students whose majors are in the College of Environmental and Resources can take courses in this international master course program. A certificate will be conferred on the graduate students who have completed the required credits of this program.

本院碩士班學生皆可修讀本國際碩士學分學程，完成學程學分規定者，將頒予學分學程證明。

## 第三條 修課規定 (Article 3: Program Regulations)

In order to be qualified for a “program certificate”, students have to finish of least 21 credit hours of this international course program. Among these credits, 12 credits or more must be offered by the department at which the

students register.

符合下列規定者方發給學程證明：修滿此學程學分數至少為 **21** 學分以上，且至少 12 學分屬於學生主修科目。

#### 第四條 課程規劃(Article 4: Course content)

This program includes all courses listed below which will be offered in English.) (本學程包含下列全英語課程)

Department (開課系所)	Course Number (課程編號)	Course Title (課程名稱)	Credit/hours 學分/小時
Department of Chemical Engineering (化工系)	138013	Advanced Transport Phenomena (高等輸送現象)	3/3
	138008	Advanced Electrochemical Engineering (高等電化學工程)	3/3
	278049	Bioseparation Technology (生化分離技術)	3/3
	268047	Technology of Battery (電池技術)	3/3
Department of Safety, Health and Environmental Engineering (環安衛系)	288013	Environmental Biological Treatment (環境生物處理)	3/3
	288019	Soil and Groundwater Remediation Technology (土壤與地下水復育技術)	3/3
	288040	Water Resources Engineering (水資源工程)	3/3
	288020	Environmental Nanotechnology (環境奈米科技)	3/3
Department of Materials Engineering (材料系)	188000	薄膜科技 (Thin film technology)	3/3
	188008	材料分析 (Materials Analysis)	3/3
	188011	奈米科技與應用 (Nano-technology and Applications)	3/3
	188018	半導體元件物理 (Semiconductor Device Physics)	3/3

#### 第五條 證書取得資格 (Article 5: Program certificate)

Those students, who have completed sufficient courses and credits as elaborated in Article 3, are entitled to apply to this university for the issuance of the program certificate. To apply, students have to fill the application form attached to this code.

修畢本學程規定學分數且成績及格之學生，得檢具歷年中、英文成績單各乙份，並填寫「學分審核表」，送交學院辦公室彙整後送院課程委員會議通過後，統一向教務處提出申請修習學分學程證明書。

#### 第六條 未盡事宜 (Article 6: issues have been concerned)

Those issues, which are not concerned by this code, shall be arranged according with other relevant and related rules/regulations of this university.

本要點未規範之事宜，悉依本校學分學程設置辦法及其他相關規定辦理。

#### 第七條 實施與修訂 (Article 7: code commencement and amendment)

This code has to be promulgated by Course Committee Meeting of the College of Environmental and Resources, and the Meeting of Academic Affairs of this university. It will come into force after having been approved by the President of this university. Amendment of this code takes the same procedure.

本要點經院課程委員會與校教務會議通過，陳校長核定後實施，修訂時亦同。

附表一 環資學院化工材料與環境工程國際碩士學分學程 學分審核表

Application Form for Program Certificate

International Master Program on Chemical Materials and Environmental Engineering

環資學院化工材料與環境工程國際碩士學分學程 學分審核表

申請證書別：中文；英文

申請人(Chinese Name)：	英文姓名(English Name)：
學號(Student ID)：	聯絡電話(Cellphone No)：
系(所)別(Department)：	申請時間 (Time of application)： / /

注意事項：1. 申請者需檢據歷年之中文或英文成績單 A cumulative transcript in Chinese or English is required.

2. 請盡量詳實填寫下表 Fill out the following table in as much detail as possible.

修習科目(Courses taken)		修習時間(course period)			審核(check)
科目名稱 (course title)	學分數 (no. of credit)	學年度 (academic year)	學期 (semester)	成績 (grade)	實得學分數 (credit earned)
學分數合計(Total credits earned)					
備註(Note)					

表號：A200130102

申請人(Signature of Applicant): \_\_\_\_\_

系主任簽章(Signature of Chairman): \_\_\_\_\_

院長(Signature of the Dean) : \_\_\_\_\_