

113學年度水資源及環境工程學系碩士班課程規畫表(113學年度入學新生適用)  
Department of Water Resources and Environmental Engineering  
Curriculum Planning Chart for 113 academic year (2024-2025) incoming freshmen (Master Program)

科目名稱 /subjects		學分 credits	第 1 學年		第 2 學年		備註 Remarks
			1st academic year		2nd academic year		
			上 1st semester	下 2nd semester	上 1st semester	下 2nd semester	
■本系必修課程：2 學分 Required Courses：2 credits	專題討論 SEMINAR	2	1	1			
	論文 THESIS	0				0	
■本系系選修課程：至少須修 25學分以上。 Department Elective Courses: A minimum of 25 credits must be completed.  附註： 系選修課程之開設科目，將依 據本校規定可開課學分數開 課。開課科目每年不盡相同。  Note: The elective courses offered by the department will be arranged based on the number of credits permitted under the university's regulations. The list of courses offered is subject to change on an annual basis.	資料分析 DATA ANALYSIS	3	3				
	高等工程數學 ADVANCED ENGINEERING MATHEMATICS	3	3				
	高等水文學 ADVANCED HYDROLOGY	3	3				
	環境影響評估 ENVIRONMENTAL IMPACT ASSESSMENT	3	3				
	土壤污染整治 REMEDIATION OF SOIL POLLUTION	3	3				
	物理及化學處理程序 PHYSICAL AND CHEMICAL TREATMENT PROCESSES	3	3				
	固體廢棄物處理 SOLID WASTES TREATMENT	3		3			
	高等明渠水力學 ADVANCED OPEN CHANNEL HYDRAULICS	3		3			
	高等流體力學 ADVANCED FLUID DYNAMICS	3		3			
	水質管理 WATER QUALITY	3		3			
	生物處理程序學 BIOLOGICAL WASTEWATER TREATMENT	3		3			
	水化學 AQUATIC CHEMISTRY	3		3			
	環境分子生物技術 MOLECULAR BIOLOGICAL TECHNIQUES IN ENVIRONMENTAL ENGINEERING	3		3			

(1)必修科目總學分數：2學分

(1)Total Credits for Required Courses: 2 credits

(2)最低應修本系選修科目總學分數：25學分

(2)Minimum Credits Required for Departmental Elective Courses: 25 credits

**畢業總學分數：27學分**

**Total Number of Credits Required for Graduation: 27 credits**