

113學年度日間部建築營造二年制學士班新型專班課程規劃表

學年度		113				學年度		114							
	科目	SEP 2024		FEB 2025			科目	SEP 2025		FEB 2026					
		學分	時數	學分	時數			學分	時數	學分	時數				
校必修	華語發音與正音	2	2			校必修									
	華語聽講練習	2	2												
	應用中文(一)(二)	2	2	2	2										
	華語證照輔導(一)(二)	2	2	2	2										
	華語閱讀理解訓練			2	2										
	華語語法與寫作			2	2										
	小計	8	8	8	8		小計								
院必修						院必修									
	小計						小計								
專業必修	建築概論	3	3			專業必修	校外實習(一)	9	9						
	工程測量實務	3	3				校外實習(二)			9	9				
	電腦繪圖	3	3												
	工程識圖			3	3										
	土木施工學			3	3										
	土木工程設計實務			3	3										
	系統模板工程實務			3	3										
	小計	9	9	12	12		小計	9	9	9	9				
專業選修	營建管理	3	3			專業選修	實務專題(一)	9	9						
	機電系統導論	3	3				實務專題(二)			9	9				
	施工安全	3	3												
	混凝土配比與實務	3	3												
	智慧環境監測實務			3	3										
	工程品質管理與實務			3	3										
	建築資訊模型實務			3	3										
	鋼筋混凝土實務			3	3										
	地理資訊系統實務			3	3										

項目	學分	時數
校必修	16	16
院必修	0	0
專業必修	39	39
專業選修	17	17
合計	72	72

注意事項：

1. 畢業應修學分為72學分；含必修：55學分，選修：17學分。

2. 表列選修課程僅供參考，依實際狀況調整。

土木工程與環境資源管理
課程規劃委員會

教授張崑宗

土環系主任陳鴻輝

工程學院院長張合

MUST Course Selection Guideline for Two-year Bachelor's degree of Academic Year 2024-2025
Architecture and Construction Management Practice INTENSE Program, Department of Civil Engineering and Environmental Informatics

1 st year(2024)						2 nd year(2025)									
	Course	1 st semester		2 nd semester			Course	1 st semester		2 nd semester					
		Cr.	hr.	Cr.	hr.			Cr.	hr.	Cr.	hr.				
MUST Core Required Courses	Chinese Pronunciation Correction	2	2			MUST Core Required Courses									
	Chinese Listening and Speaking Practice	2	2												
	Chinese (I) (II)	2	2	2	2										
	Chinese Proficiency Test Preparation Tutorial (I) (II)	2	2	2	2										
	Chinese Reading Comprehension Training			2	2										
	Chinese Grammar and Writing			2	2										
	Subtotal	8	8	8	8		Subtotal								
School Professional Required Courses						School Professional Required Courses									
	Subtotal						Subtotal								
General Education						General Education									
	Subtotal						Subtotal								
Department compulsory courses	Introduction to Architecture	3	3			Department compulsory courses	Internship Practical Training (I)	9	18						
	Engineering Surveying Practice	3	3				Internship Practical Training (II)			9	18				
	Computer Aided Drawing	3	3												
	Engineering Drawing Practice			3	3										
	Civil Engineering			3	3										
	Civil Engineering Design Practice			3	3										
	System Formwork Engineering Practice			3	3										
	Subtotal	9	9	12	12		Subtotal	9	18	9	18				
Department Elective Courses	Construction Management	3	3			Department Elective Courses	Project Study (I)	9	9						
	Introduction to Electromechanical Systems	3	3				Project Study (II)			9	9				
	Construction Safety	3	3												
	Concrete Mix and practice	3	3												
	Smart Environmental Monitoring Practice			3	3										
	Engineering quality management and practice			3	3										
	Building Information Modeling Practice			3	3										
	Reinforced concrete practice			3	3										
	GIS Lab			3	3										

Cr./hr.=Credit/hour

Remarks:

1. Minimum credits required for graduation: 72 credits including 55 compulsory credits, and at least 17 elective credits (including the interdepartmental elective credits).

2. Undergraduate students shall take 5-hour chinese tutoring courses (0 credits) in the first semester of the second academic year.

3. Internship Practical Training (I) - Internship Practical Training (II) maximum 80 hours per credit.

4. The elective courses listed in the tables are subject to adaptation when necessary.

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