

國立暨南國際大學土木工程學系雙主修科目一覽表
Double-Major Course Catalog of Department of Civil Engineering
,National Chi Nan University

本表自(108)學年度申請雙主修起適用 Double-major application (2019version)

雙主修最低應修學分：**73**學分 The minimum credits required for a double-major program：**73**

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
220108	微積分(上)Calculus(1)	3	必 required	1	
220112	微積分(下)Calculus(2)	3	必 required	1	
220142	普通物理General Physics	3	必 required	1	
220067	普通物理實驗Laboratory for General Physics	1	必 required	1	
220141	土木工程概論Introduction to Civil Engineering	1	必 required	1	
220049	計算機程式Computer Program	3	必 required	1	
220078	工程圖學Engineering Graphics	1	必 required	1	
220033	靜力學Engineering Mechanics-Statics	3	必 required	1	
220109	測量學Surveying	2	必 required	1	
220110	測量實習Surveying	1	必 required	1	
220113	機率與統計Probability and Statistics	3	必 required	1	
220017	工程數學(上)Engineering Mathematics(1)	3	必 required	2	
220027	工程數學(下)Engineering Mathematics(2)	3	必 required	2	
220019	材料力學Mechanics of Materials	3	必 required	2	先修課程:靜力學(註二)
220030	流體力學Fluid Mechanics	3	必 required	2	
220029	結構學Elementary Structures	3	必 required	2	先修課程:材料力學(註二)
220084	運輸工程Transportation Engineering	3	必 required	2	
220036	土壤力學Soil Mechanics	3	必 required	2	
220090	水處理工程Water and Wastewater Treatment Engineering	3	必 required	2	
220099	環境工程Environmental Engineering	3	必 required	2	
220085	工程材料Engineering Materials	3	必 required	2	

220038	鋼筋混凝土學Design of Concrete Structures	3	必 required	3	
220087	基礎工程Principles of Foundation Engineering	3	必 required	3	先修課程:土壤力學(註二)
220037	水文學Hydrology	3	必 required	3	
220053	水利工程Hydraulic Engineering	3	必 required	3	
220041	土木工程實驗(一)Civil Engineering Laboratory I	2	必 required	3	先修課程:材料力學,結構學 (註二)
220079	土木工程實驗(二)Civil Engineering Laboratory II	2	必 required	3	先修課程:流體力學,土壤力學 (註二)
220145	土木工程設計實作Civil Engineering Capstone Challenge	3	必 required	3	

填表人：_____系(所)主管：_____院長：_____填表日期：_____