

國立暨南國際大學土木工程學系輔系科目一覽表
Departmental Minor Course Catalog of Department of Civil Engineering
,National Chi Nan University

本表自(106)學年度申請輔系起適用 Minor application (2017 version)

輔系最低應修學分：**20學分** The minimum credits required for a minor program：20 (須於下列科目共計51學分中至少修習20學分，且不得列入主系最低畢業學分)。

| 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 |
|---------------------|---|----------------|---------------------------------------|--|--------------------|
| 220141 | 土木工程概論Introduction to Civil Engineering | 1 | 必 required | 1 | |
| 220109 | 測量學Surveying | 2 | 必 required | 1 | |
| 220110 | 測量實習Surveying | 1 | 必 required | 1 | |
| 220033 | 靜力學Engineeing Mechanics-Statics | 3 | 必 required | 1 | |
| 220019 | 材料力學Mechanics of Materials | 3 | 必 required | 2 | 先修課程:靜力學(註二) |
| 220085 | 工程材料Engineering Materials | 3 | 必 required | 2 | |
| 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) |
| 220099 | 環境工程Environmental Engineering | 3 | 必 required | 2 | |
| 220038 | 鋼筋混凝土學Design of Concrete Structures | 3 | 必 required | 3 | |
| 220036 | 土壤力學Soil Mechanics | 3 | 必 required | 2 | |
| 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) |
| 220037 | 水文學Hydrology | 3 | 必 required | 3 | |
| 220084 | 運輸工程Transportation Engineering | 3 | 必 required | 2 | |
| 220087 | 基礎工程Principles of Foundation Engineering | 3 | 必 required | 3 | 先修課程:土壤力學(註二) |
| 220134 | 營建工程管理Construction Engineering Management | 3 | 選 elective | 3 | |
| 220102 | 工程地質與實習Engineering Geology and Field Training | 3 | 選 elective | 3 | 先修課程:土壤力學(註二) |
| 220078 | 工程圖學Engineering Graphics | 1 | 必 required | 1 | |

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| 220145 | 土木工程設計實作Civil Engineering Capstone Challenge | 3 | 必 required | 3 | |
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填表人：_____系(所)主管：_____院長：_____填表日期：_____