

| 第一學年(113) | | | | | | 第二學年(114) | | | | | |
|------------------|--------------|-----|----|-----|----|------------------|------------|-----|----|-----|----|
| | 科目 | 上學期 | | 下學期 | | | 科目 | 上學期 | | 下學期 | |
| | | 學分 | 時數 | 學分 | 時數 | | | 學分 | 時數 | 學分 | 時數 |
| 院 必 修 | 專題討論 | 1 | 2 | 1 | 2 | 院 必 修 | | | | | |
| | 研究方法與論文寫作 | 1 | 2 | | | | | | | | |
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| | | | | | | | | | | | |
| | 小計 | 2 | 4 | 1 | 2 | | 小計 | 0 | 0 | 0 | 0 |
| 專 業 必 修 | 華語聽講練習 | 2 | 2 | | | 專 業 必 修 | 論文 | 3 | 3 | 3 | 3 |
| | 應用中文(一)(二) | 2 | 2 | 2 | 2 | | 校外實習(一)(二) | 9 | 32 | 9 | 32 |
| | 華語證照輔導(一)(二) | 2 | 2 | 2 | 2 | | | | | | |
| | 華語閱讀理解訓練 | | | 2 | 2 | | | | | | |
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| | | | | | | | | | | | |
| | 小計 | 6 | 6 | 6 | 6 | | 小計 | 12 | 35 | 12 | 35 |
| 專 業 選 修 | 空間資訊應用技術 | 3 | 3 | | | 專 業 選 修 | 工程法律與仲裁 | 3 | 3 | | |
| | 環境遙測應用 | 3 | 3 | | | | 環境政策與法規 | 3 | 3 | | |
| | 建築工程與實務 | 3 | 3 | | | | 橋梁工程與實務 | 3 | 3 | | |
| | 營建工程產業危機處理實務 | 3 | 3 | | | | 土壤改良實務 | 3 | 3 | | |
| | 永續發展碳管理實務 | 3 | 3 | | | | 獨立研究 | 1 | 1 | 1 | 1 |
| | 工程材料應用與實務 | 3 | 3 | | | | | | | | |
| | 大地工程與實務 | 3 | 3 | | | | | | | | |
| | 資源開發與實務 | 3 | 3 | | | | | | | | |
| | 營建財務管理實務 | 3 | 3 | | | | | | | | |
| | 營建工程風險評估 | | | 3 | 3 | | | | | | |
| | 地理資訊系統應用 | | | 3 | 3 | | | | | | |
| | 綠能產業與低碳城市 | | | 3 | 3 | | | | | | |
| | 災害防治實務 | | | 3 | 3 | | | | | | |
| | 廢棄物在工程之應用與實務 | | | 3 | 3 | | | | | | |
| | 水土保持工程與實務 | | | 3 | 3 | | | | | | |
| | 鋼結構工程與實務 | | | 3 | 3 | | | | | | |
| | 專案管理實務(PM) | | | 3 | 3 | | | | | | |
| | 數值方法與應用 | | | 3 | 3 | | | | | | |
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| 【科目類別】 | | 學分 | 時數 |
|--------|-----|----|----|
| 專業科目 | 院必修 | 3 | 6 |
| | 專業必 | 24 | 70 |
| | 專業選 | 18 | 18 |
| 合計 | | 45 | 94 |

【注意事項】

- 1.最低畢業學分：45學分，其中專業選修_18_學分(本系至少_12_學分，其餘可跨系)。
- 2.每學期修習學分：下限為1學分。
- 3.「論文」必修6學分，俟口試通過後，一次給予6學分。
- 4.華語選修課程(華語聽講練習、應用中文(一)(二)、華語證照輔導(一)(二)、華語閱讀理解訓練)不列入畢業學分)。
- 5.表列專業選修課程，得依實際情況逕行調整。
- 6.請依本校「學生基本能力與畢業門檻實施辦法」實施。
- 7.本表建立於114年2月11日。

副教授 廖淑容

土環系 陳鴻輝
主 任

工程學院
副院長 戴任詔

MUST Curriculum Planning for Graduate Students for Academic Year 2025-2026,
Institute of Civil Engineering and Environmental Informatics(Continuing Education)

| 1st year(114) | | | | | | 2nd year(115) | | | | | |
|--------------------------------------|---|--------------|-----|--------------|-----|--------------------------------------|---|--------------|-----|--------------|-----|
| | Course | 1st semester | | 2nd semester | | | Course | 1st semester | | 2nd semester | |
| | | Cr. | hr. | Cr. | hr. | | | Cr. | hr. | Cr. | hr. |
| School Professional Required Courses | Seminar on Special Topics | 1 | 2 | 1 | 2 | School Professional Required Courses | | | | | |
| | Research Methodology and Thesis Writing | 1 | 2 | | | | | | | | |
| | | | | | | | | | | | |
| | Subtotal | 2 | 4 | 1 | 2 | | Subtotal | 0 | 0 | 0 | 0 |
| Compulsory Courses | Chinese Listening and Speaking Practice | 2 | 2 | | | Compulsory Courses | Thesis | 3 | 3 | 3 | 3 |
| | Chinese (I) (II) | 2 | 2 | 2 | 2 | | Off-Campus Practice Training(1)(11) | 9 | 32 | 9 | 32 |
| | Chinese Proficiency Test Preparation Tutorial (I) (II) | 2 | 2 | 2 | 2 | | | | | | |
| | Chinese Reading Comprehension Training | | | 2 | 2 | | | | | | |
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| | | | | | | | | | | | |
| | Subtotal | 6 | 6 | 6 | 6 | | Subtotal | 12 | 35 | 12 | 35 |
| Elective Courses | Techniques for Spatial Information | 3 | 3 | | | Elective Courses | Engineering Law and Arbitration | 3 | 3 | | |
| | Resources Management &Technology | 3 | 3 | | | | Environmental Policy and Specifications | 3 | 3 | | |
| | Application of Architectural and Structural Engineering | 3 | 3 | | | | Advanced Topics on Bridge Engineering | 3 | 3 | | |
| | Crisia Management of Construction | 3 | 3 | | | | Soil Improvement Specail Topics | 3 | 3 | | |
| | Sustainable Development on Carbon Management Practice | 3 | 3 | | | | Independent Study | 1 | 1 | 1 | 1 |
| | Application for Engineering Materials | 3 | 3 | | | | | | | | |
| | Applications for Geotechnical Engineering | 3 | 3 | | | | | | | | |
| | Construction of Steel Structure | 3 | 3 | | | | | | | | |
| | Construction Financial Management | 3 | 3 | | | | | | | | |
| | Construction Risk Evaluation | | | 3 | 3 | | | | | | |
| | GIS Applications | | | 3 | 3 | | | | | | |
| | Sustainability Industry and Low-Carbon City | | | 3 | 3 | | | | | | |
| | Disaster Prevention | | | 3 | 3 | | | | | | |
| | Waste Applications Used in the Engineering | | | 3 | 3 | | | | | | |
| | Engineering of Soil Water Conservation | | | 3 | 3 | | | | | | |
| | Environmental Remote Sensing | | | 3 | 3 | | | | | | |
| | Practical project management | | | 3 | 3 | | | | | | |
| | Multivariate Analysis | | | 3 | 3 | | | | | | |
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Cr./hr.=Credit/hour

【Remarks】

- 1.Minimum graduation credits:45 credits, including 18 elective credits (at least 12 credits for this major, the rest can be other departments).
- 2.Study credits per semester: the lower limit is 1 credit.
- 3.Students must earn at least one English as a Medium of Instruction course credit (2 credits or more) to graduate from the program.
- 4.Chinese elective courses (Chinese listening lectures, application Chinese (1) (2) (2), Chinese syndrome photos counseling (1) (2), Chinese reading comprehension training) is not included in graduation scores).
- 5.Elective courses for listed are subject to change if necessary.
- 6.According to university regulations, students are required to meet the graduation requirement of basic proficiency and professional skills.
7. This form created in 114/2/11.

副教授 廖淑容

土環系 主任 陳鴻輝

工程學院 副院長 戴任詔

代