**元智大學 淨零碳排永續發展學士後專班 必選修科目表**

**（114學年度入學新生適用）**

**Post-Baccalaureate Program for Carbon Zero Sustainable Development, Yuan Ze University**

**List of Required and Elective Courses**

**(Applicable to Students Admitted in Academic Year of 2025)**

114.04.23 一一三學年度第五次教務會議通過

Passed by the 5th Academic Affairs Meeting, Academic Year 2024, on April 23, 2025

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| --- | --- | --- | --- | --- |
| 學年(Year)  學期(Semester)  科目(Course) | | 第一年1st Year | | 第二年2nd Year |
| 114-1 Fall | 114-2 Spring | 115-1 Fall |
| 必  修  科  目  （12）  Required Courses (12) | 基礎課程 | 基礎程式設計  Fundamental Computer Programming  CZ109 (3) |  |  |
| 淨零碳排 | 溫室氣體盤查技術  Greenhouse Gas Inventory Technology  CZ107 (3) | 碳足跡查證  Carbon Footprint Verification  CZ103 (3) |  |
| 永續發展 | 淨零碳排策略規劃  Net Zero Carbon Strategic Planning  CZ108 (3) |  |  |
| 學期學分小計  Credit each semester | | 9 | 3 |  |
| 選修  Elective Courses | 基礎課程 | 能源科技  Energy Technology  CZ106 (3) | 環境生物科技  Environmental Biotechnology  CZ111 (3) | 質能均衡  Material & Energy Balance  CZ112 (3) |
| 節能技術與實務  Implementation of Energy Saving Technology  CZ116(3) | 環境與工業化學科技  Environmental and Industrial Chemical Technology  CZ102 (3) |  |
| 淨零碳排 | 碳補獲與封存技術  Carbon Capture and Storage Technology  CZ117(3) | 水足跡與水資源管理  Water Footprint and Water Resource Management  CZ110 (3) | 智慧電網  Smart Grid  CZ128(3) |
| 永續發展 | 產品設計與生命週期管理  Product Design and Lifecycle Management  CZ113 (3) | 碳策略及碳權操作實務  Carbon Strategy and Carbon Credit Operation Practice  CZ115 (3) | 氣候變遷影響  Climate Change Impact  CZ114 (3) |
| 循環經濟  Circular Economy  CZ124(3) | 永續報告書與公司治理  Sustainability Report and Corporate Governance  CZ104 (3) | ESG永續發展與管理實務  ESG Sustainable Development and Management Practices  CZ126(3) |
|  | 綠色金融  Green Finance  CZ125(3) |  |
| 考照實習輔導 | ISO 14064-1證照輔導  Training Course of ISO 14064-1  CZ121 (1) | ISO 14067證照輔導  Training Course of ISO 14067  CZ123 (1) | ISO 14064-2證照輔導  Training Course of ISO 14064-2  CZ122 (1) |
| 個案輔導  Case Study  CZ118 (3) |
| 專業實習Ⅰ  Field StudyⅠ  CZ119 (3) |
| 專業實習Ⅱ  Field StudyⅡ  CZ120 (6) |
| 備註 | | 本專班同學總共必須修滿48學分方可畢業，包括本班必修12學分、選修36學分。 Student of CZSD must take 48 credits in total for graduation, include required courses 15 credits, and elective courses 33 credits. | | |

AA-CP-04-CF02 (1.4版)／113.12.16修訂

AA-CP-04-CF05 (1.3版)／113.12.16修訂