**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 ProgrammingCZ109 (3) |  |  |
| 淨零碳排 | 溫室氣體盤查技術Greenhouse Gas Inventory TechnologyCZ107 (3) | 碳足跡查證Carbon Footprint VerificationCZ103 (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 TechnologyCZ106 (3) | 環境生物科技 Environmental BiotechnologyCZ111 (3) | 質能均衡Material & Energy BalanceCZ112 (3) |
| 節能技術與實務Implementation of Energy Saving TechnologyCZ116(3) | 環境與工業化學科技Environmental and Industrial Chemical TechnologyCZ102 (3) |  |
| 淨零碳排 | 碳補獲與封存技術Carbon Capture and Storage TechnologyCZ117(3) | 水足跡與水資源管理 Water Footprint and Water Resource ManagementCZ110 (3) | 智慧電網Smart GridCZ128(3) |
| 永續發展 | 產品設計與生命週期管理Product Design and Lifecycle ManagementCZ113 (3) | 碳策略及碳權操作實務Carbon Strategy and Carbon Credit Operation PracticeCZ115 (3) | 氣候變遷影響 Climate Change Impact CZ114 (3) |
| 循環經濟Circular EconomyCZ124(3) | 永續報告書與公司治理 Sustainability Report and Corporate GovernanceCZ104 (3) | ESG永續發展與管理實務ESG Sustainable Development and Management Practices CZ126(3) |
|  | 綠色金融Green FinanceCZ125(3) |  |
| 考照實習輔導 | ISO 14064-1證照輔導Training Course of ISO 14064-1CZ121 (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 14064-2CZ122 (1) |
| 個案輔導Case StudyCZ118 (3) |
| 專業實習ⅠField StudyⅠCZ119 (3) |
| 專業實習ⅡField StudyⅡCZ120 (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