**元智大學 淨零碳排永續發展學士後專班 必選修科目表**

**（112學年度春季班入學新生適用）**

**List of Required Courses, Post-Baccalaureate Program for Carbon Zero Sustainable Development, Yuan Ze University**

**(Applicable to Students Admitted in Spring of 2024)**

113.01.03 一一二學年度第六次教務會議通過

Passed by the 6th Academic Affairs Meeting, Academic Year 2023, on January 03, 2024

113.06.05 一一二學年度第九次教務會議修訂通過

Amended by the 9th Academic Affairs Meeting, Academic Year 2023, on June 05, 2024

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| --- | --- | --- |
| 學年(Year)學期(Semester)科目(Course) | 第一年1st Year | 第二年2nd Year |
| 112-2 Spring | 113-1 Fall | 113-2 Spring | 114-1 Fall |
| 必修科目（27）Required Courses (27) | 基礎課程 | 應用微積分 Applied CalculusCZ101 (3)  | 基礎統計分析Fundamental Statistical AnalysisCZ105 (3)  | 基礎程式設計Fundamental Computer ProgrammingCZ109 (3) |  |
| 環境與工業化學科技Environmental and Industrial Chemical TechnologyCZ102 (3) | 質能均衡Material & Energy BalanceCZ112 (3) |  |  |
| 淨零碳排 | 碳足跡查證Carbon Footprint VerificationCZ103 (3) | 溫室氣體盤查技術Greenhouse Gas Inventory TechnologyCZ107 (3) |  |  |
| 永續發展 | 永續報告書與公司治理 Sustainability Report and Corporate GovernanceCZ104 (3) | 淨零碳排策略規劃Net Zero Carbon Strategic Planning CZ108 (3) |  |  |
| 學期學分小計Credit each semester | 12 | 12 | 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) |  |
| 淨零碳排 |  |  | 水足跡與水資源管理 Water Footprint and Water Resource ManagementCZ110 (3) |  |
|  |  | 環境管理工程Environmental Management Engineering CZ116(3) | 碳中和Carbon NeutralCZ117 (3) |
| 永續發展 | 產品設計與生命週期管理Product Design and Lifecycle ManagementCZ113 (3)  | 氣候變遷影響 Climate Change Impact CZ114 (3) | 碳策略及碳權操作實務Carbon Strategy and Carbon Credit Operation PracticeCZ115 (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27學分、選修21學分。Student of CZSD must take 48 credits in total for graduation, include required courses 27 credits, and elective courses 21 credits. |

AA-CP-04-CF02 (1.3 版)／102.04.19 修訂

AA-CP-04-CF05 (1.2 版)／101.11.15 修訂