**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 Calculus  CZ101 (3) | 基礎統計分析  Fundamental Statistical Analysis  CZ105 (3) | 基礎程式設計  Fundamental Computer Programming  CZ109 (3) |  |
| 環境與工業化學科技  Environmental and Industrial Chemical Technology  CZ102 (3) | 質能均衡  Material & Energy Balance  CZ112 (3) |  |  |
| 淨零碳排 | 碳足跡查證  Carbon Footprint Verification  CZ103 (3) | 溫室氣體盤查技術  Greenhouse Gas Inventory Technology  CZ107 (3) |  |  |
| 永續發展 | 永續報告書與公司治理  Sustainability Report and Corporate Governance  CZ104 (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 Technology  CZ106 (3) | 環境生物科技  Environmental Biotechnology  CZ111 (3) |  |
| 淨零碳排 |  |  | 水足跡與水資源管理  Water Footprint and Water Resource Management  CZ110 (3) |  |
|  |  | 環境管理工程  Environmental Management Engineering CZ116(3) | 碳中和  Carbon Neutral  CZ117 (3) |
| 永續發展 | 產品設計與生命週期管理  Product Design and Lifecycle Management  CZ113 (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 Practice  CZ115 (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