元智大學 化學工程與材料科學學系 輔系科目表

**（112學年度入學新生適用）**

**Minor Courses List of Chemical Engineering and Materials Science, Yuan Ze University**

**(Applicable to Students Admitted in Academic Year of 2023)**

|  |  |  |  |
| --- | --- | --- | --- |
| 輔系名稱 | 輔系科目 | 學分 | 備註 |
| 化學工程與  材料科學學系  Dept. of Chemical Engineering & Materials Science | 物理化學(一)(二) Physical Chemistry(I)(Ⅱ) | 6 | **必修課程**  （共21學分）Required Courses  (Totally 21 credits） |
| 質能均衡  Material & Energy Balance | 3 |
| 化學反應工程Chemical Reaction Engineering | 3 |
| 輸送現象與單元操作(一)  Transport Phenomena and Unit Operations (I) | 3 |
| 輸送現象與單元操作(二)  Transport Phenomena and Unit Operations(Ⅱ) | 3 |
| 材料科學  Materials Science | 3 |
| 綠色科技學程  Green Science and Technology Program | 12 | **選修課程**  請任選某一學程並修讀12學分(含)以上  Elective Courses  Pass at least 12 credits |
| 功能性材料學程  Functional Materials Program | 12 |
| 生物技術學程  Biotechnology Program | 12 |
| 實作學程  undergraduate thesis program | 12 |

註：1、必修科目共計21學分。Totally 21 credits must be earned from required courses.

2、選修本系為輔系之學生需修滿33學分（含）以上，才予承認輔系資格。A student has a minor in Computer Science and Engineering must earn at least 33 credits from the courses in the above table.

3、112學年入學者適用。Applicable to Students Admitted in Academic Year of 2023.

4、學程選修請參看本系「學程選修科目」。 Elective courses as List of Elective Courses for the Undergraduate Program Chemical Engineering and Materials Science.

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