資訊學院英語學士班為輔系之科目表

Courses for Minors in International Bachelor Program in Informatics

（112學年度申請適用For students admitted to the Minor in Academic Year 2023）

111.04.20 一一○學年度第六次教務會議通過

Approved by the 6th Academic Affairs Meeting, Academic Year 2021, on April 20, 2022

112.05.31 一一一學年度第七次教務會議修訂通過

Amended by the 7th Academic Affairs Meeting, Academic Year 2022, on May 31, 2023

113.01.03 一一二學年度第六次教務會議修訂通過

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

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| 輔系名稱Minor in | 輔系科目Courses | 學分Credits | 備註Remarks |
| 資訊學院英語學士班International Bachelor Program in Informatics | 程式設計(二)Computer Programming (II) | 3 | 必修Required Courses |
| 計算機網路概論Introduction to Computer Networks | 3 |
| 資料結構Data Structures | 3 |
| 離散數學Discrete Mathematics | 3 |
| 作業系統概論Introduction to Operating System | 3 |
| 演算法概論Introduction to Algorithms | 3 |
| 數位系統設計Digital System Design | 3 | 選修Elective Courses任選四門Pass at least four Courses |
| 網頁程式設計Web Programming | 3 |
| 資料通訊概論Introduction to Data Communications | 3 |
| 編譯程式概論Introduction to Compiler | 3 |
| 人工智慧概論Introduction to Artificial Intelligence | 3 |
| 影像處理概論Introduction to Image Processing | 3 |
| 資料探勘Data Mining | 3 |
| 智慧製造Smart Manufacturing | 3 |
| 大數據分析概論Introduction to Big Data Analysis | 3 |
| 資料庫系統概論Introduction to Database System | 3 |
| 資訊隱私Information Privacy | 3 |
| 管理資訊系統Management Information Systems | 3 |
| 虛擬實境Virtual Reality | 3 |
| 行動裝置程式設計Mobile Device Programming | 3 |
| 決策支援系統Decision Support Systems | 3 |
| 電腦與網路安全概論Introduction to Computer and Network Security | 3 |
| 內嵌式系統設計與實習Embedded System Design and Practice | 3 |
| 組合語言與計算機組織Assembly Language and Computer Organization | 3 |

註：1、必修科目共計18學分。
A total of 18 credits must be earned from required courses.

2、選修本學士班為輔系之學生須修滿30學分（含）以上，才予承認輔系資格。
A student having a minor in International Bachelor Program in Informatics must earn at least 30 credits from the courses in the above table.

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