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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