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

（113學年度申請適用For students admitted to the Minor in Academic Year 2024）

113.05.01一一二學年度第八次教務會議通過

Passed by the 8th Academic Affairs Meeting, Academic Year 2023, on May 01, 2024

113.12.25 一一三學年度第三次教務會議修訂通過

Amended by the 3rd Academic Affairs Meeting, Academic Year 2024, on December 25, 2024

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| 輔系名稱  Minor in | 輔系科目  Courses | | 學分  Credits | 備註  Remarks |
|  | IN106 | 離散數學  Discrete Mathematics | 3 |  |
| IN107 | 程式設計(二)  Computer Programming (II) | 3 |
| IN202 | 資料結構  Data Structures | 3 |
| IN208 | 演算法概論  Introduction to Algorithms | 3 |
| IN209 | 作業系統概論  Introduction to Operating System | 3 |
| IN301 | 計算機網路概論  Introduction to Computer Networks | 3 |
| IN110 | 管理資訊系統  Management Information Systems | 3 | 選修 Elective Courses 任選四門  Pass at least four courses |
| IN203 | 資料通訊概論  Introduction to Data Communications | 3 |
| IN204 | 數位系統設計  Digital System Design | 3 |
| IN206 | 網頁程式設計  Web Programming | 3 |
| IN210 | 組合語言與計算機組織  Assembly Language and Computer Organization | 3 |
| IN211 | 資訊隱私  Information Privacy | 3 |
| IN302 | 編譯程式概論  Introduction to Compiler | 3 |
| IN303 | 內嵌式系統設計與實習  Embedded System Design and Practice | 3 |
| IN307 | 行動裝置程式設計  Mobile Device Programming | 3 |
| IN309 | 虛擬實境  Virtual Reality | 3 |
| IN312 | 人工智慧概論  Introduction to Artificial Intelligence | 3 |
| IN314 | 影像處理概論  Introduction to Image Processing | 3 |
| IN315 | 大數據分析概論  Introduction to Big Data Analysis | 3 |
| IN316 | 資料探勘  Data Mining | 3 |
| IN317 | 智慧製造  Smart Manufacturing | 3 |
| IN318 | 聲音互動設計  Sonic Interaction Design | 3 |
| IN319 | 人工智慧與應用  Artificial Intelligence and Applications | 3 |
| IN401 | 資料庫系統概論  Introduction to Database System | 3 |
| IN402 | 電腦與網路安全概論  Introduction to Computer and Network Security | 3 |
| IN403 | 決策支援系統  Decision Support Systems | 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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