

School of Information Technology
 Framework of “Software Engineering” Focused Course Program

Department: 36 Computer Sciences and Information Engineering

Types	Course Name (Chinese)	Course Name (English)	Credits
Required	軟體工程導論	Introduction to Software Engineering	3
Required	系統分析與設計	Systematic Analysis and Design	3
Required	軟體測試與維護	Software Verification and Validation	3
Elective	Java 程式設計	JAVA Programming	3
Elective	進階 Java 程式設計與認證	Advanced Java Programming and License	3
Elective	智慧型手機程式設計	Smart Phone Programming	3
Elective	進階 CPP 程式設計	Advanced CPP Programming	3
Elective	物件導向技術	Object Oriented Technology	3
Elective	網頁設計與實務應用	Web Page Design and Practical Applications	3
Elective	開源軟體工程實務	Open Sources	3
Elective	開源作業系統操作實務	Open Source Operating System Practice	3
Elective	資訊安全導論	Introduction to Information Security	3
Elective	軟體工程實務	Software Engineering Practice	3
Elective	圖形化使用者介面	Graphics User Interface	3
Elective	WEB 應用系統開發	Web Programming	3
Elective	資料庫應用實作	Database Application Implementation	3
Elective	資訊產業分析	Information Industry Analysis	3
Elective	專案管理	Project management	3

Notes: Students are required to complete 20 credits during the years required for graduation. Courses with least 6 credits must be courses not in students' original department, section, Specialized Degree Program or department.