

School of Information Technology

Framework of “Data Mining and Decision Analysis” Focused Course Program

Department: 36 Computer Sciences and Information Engineering

Types	Course Name (Chinese)	Course Name (English)	Credits
Required	資料庫系統	Database Systems	3
Required	統計學	Statistics I	3
Required	資料探勘	Data Mining	3
Elective	資料倉儲系統規劃	Data Warehouse System Design	3
Elective	資料探勘實務分析基礎	Practical Data Analysis I	3
Elective	資料探勘實務分析進階	Practical Data Analysis II	3
Elective	開源探勘應用實務	Practical Data Mining Applications with Open Source Software	3
Elective	網路開源伺服器架設實務	Open Source Network Server Setup Practice	3
Elective	應用迴歸分析	Applied Regression Analysis	3
Elective	應用多變量資料分析	Applied Multivariate Data Analysis	4
Elective	應用類別資料分析	Applied Categorical Data Analysis	3
Elective	應用決策方法	Applied Decision Methods	3
Elective	時間數列分析	Time Series Analysis	3
Elective	行銷管理	Marketing Management	3
Elective	行銷研究	Marketing Research	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.