

Bache Course

| | 科目名稱course name | 上學期Semester1 | | 上學期Semester2 | | 科目名稱course name | 上學期Semester3 | | 上學期Semester4 | | 科目名稱course name | 上學期Semester5 | | 上學期Semester6 | | 科目名稱course name | 上學期Semester7 | | 上學期Semester8 | | | |
|----------------------|---|--------------|-----------|--------------|---------------------|--|--------------|-----------|--------------|-----------|--|--------------|-----------|--------------|-----------|--|--------------|-----------|--------------|-----------|------------|-----------|
| | | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse | | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse | | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse | | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse |
| | | | | | | | | | | | | | | | | | | | | | | |
| 主系 必修 Required | 微積分(一) (二) CALCULUS(1) | 3 | 3 | 3 | 3 | 資料結構 DATA STRUCTURE | 3 | 3 | | | 專題製作(一)(二) SPECIAL TOPICS ON PRACTICE(1)(2) | 1 | 3 | 1 | 3 | 專題製作(三) SPECIAL TOPICS ON PRACTICE(3) | 1 | 3 | | | | |
| | 程式設計與實習 (一)(二) COLLEGIATE PROGRAMMING EXAMINATION(1)(2) | 3 | 4 | 3 | 4 | 機率 PROBABILITY | 3 | 3 | | | 作業系統 OPERATING SYSTEM | 3 | 3 | | | 書報研討(二) SEMINAR(2) | 1 | 2 | | | | |
| | 計算機概論 INTRODUCTION TO COMPUTERS(1) | 3 | 3 | | | 組合語言 ASSEMBLY LANGUAGE | | | 3 | 3 | 演算法 ALGORITHMS | | | 3 | 3 | | | | | | | |
| | 離散數學 DISCRETE MATHEMATICS | 3 | 3 | | | 邏輯設計實驗 LOGIC DESIGN EXPERIMENTS | 1 | 3 | | | 書報研討(一) SEMINAR(1) | | | 1 | 2 | | | | | | | |
| | 邏輯設計 LOGIC DESIGN | | | 3 | 3 | 計算機組織 COMPUTER ORGANIZATION | 3 | 3 | | | | | | | | | | | | | | |
| | 電子電路 ELECTRONIC CIRCUITS | | | 3 | 3 | 物件導向程式設計 OBJECT-ORIENTED PROGRAMMING | 3 | 3 | | | | | | | | | | | | | | |
| | 線性代數 LINEAR ALGEBRA | | | 3 | 3 | 程式能力檢定 (一)(二) COLLEGIATE PROGRAMMING EXAMINATION(1)(2) | 1 | 2 | 1 | 2 | | | | | | | | | | | | |
| | | | | | | 計算機網路 COMPUTER NETWORKS | | | 3 | 3 | | | | | | | | | | | | |
| | | | | | | 計算機系統實驗 COMPUTER SYSTEM LABORATORY EXPERIMENTS | | | 1 | 3 | | | | | | | | | | | | |
| | | | | | | 統計學 STATISTICS | | | 3 | 3 | | | | | | | | | | | | |
| | | | | | 資料庫管理系統 DATABASE | | | 3 | 3 | | | | | | | | | | | | | |

| | 科目名稱course name | 上學期Semester1 | | 上學期Semester2 | | 科目名稱course name | 上學期Semester3 | | 上學期Semester4 | | 科目名稱course name | 上學期Semester5 | | 上學期Semester6 | | 科目名稱course name | 上學期Semester7 | | 上學期Semester8 | | | |
|--|--|--------------|-----------|--------------|-----------|------------------------------------|--------------|-----------|--------------|-----------|--|--------------|-----------|--------------|-----------|---|--------------|-----------|--------------|-----------|------------|-----------|
| | | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse | | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse | | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse | | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse | 學分 Credits | 時數 Hourse |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 網頁程式設計 WEB COMPUTER LANGUAGES PROGRAMMING | 3 | 3 | | | 網站前端程式設計 WEB CLIENT PROGRAMMING | 3 | 3 | | | MATLAB程式設計 MATLAB PROGRAMMING | 3 | 3 | | | B校外實習(一)(二) FIELD PRACTICE (1)(2) | 3 | 12 | 3 | 12 | | |
| | | | | | | 網站後端程式設計 WEB SERVER PROGRAMMING | | | 3 | 3 | 視窗程式設計 WINDOWS PROGRAMMING | 3 | 3 | | | M人機介面 M HUMAN MACHINE INTERGACE | 3 | 3 | | | | |
| | | | | | | | | | | | 網頁資料庫程式設計 WEB DATABASE PROGRAMMING | 3 | 3 | | | N多媒體通訊 N MULTIMEDIA COMMUNICATIONS | 3 | 3 | | | | |
| | | | | | | | | | | | 無線與行動網路 WIRELESS AND MOBILE NETWORKS | 3 | 3 | | | B巨量資料應用 實務 B BIG DATA APPLICATIONS | 3 | 3 | | | | |
| | | | | | | | | | | | 行動通訊程式設計 MOBILE PROGRAMMING | 3 | 3 | | | 專題製作(四) SPECIAL TOPICS ON PRACTICE(4) | | | 1 | 3 | | |
| | | | | | | | | | | | 數位訊號處理 DIGITAL SIGNAL PROCESSING | 3 | 3 | | | M多媒體系統 M MULTIMEDIA SYSTEM | | | 3 | 3 | | |
| | | | | | | | | | | | 物聯網應用實務 INTERNET OF THINGS APPLICATIONS | 3 | 3 | | | 程式設計(三) COMPUTER LANGUAGE PROGRAMMING(3) | | | 2 | 2 | | |
| | | | | | | | | | | | B人工智慧 B ARTIFICIAL INTELLIGENCE | 3 | 3 | | | 智慧製造聯網 SMART MANUFACTURING | | | 3 | 3 | | |

主系
選修
Elec
tive

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|---|---|---|---|--|--|--|---|---|
| | | | | | | | | | B Linux作業系統 B LINUX OPERATING SYSTEM | 3 | 3 | | | 深度學習技術與 應用 DEEP LEARNING TECHNOLOGY AND APPLICATION | | | 3 | 3 |
| | | | | | | | | | 智慧物聯網應用 實務 ARTIFICIAL INTELLIGENCE OF THINGS APPLICATIONS PRACTICE | 3 | 3 | | | | | | | |
| | | | | | | | | | M影像處理 M IMAGE PROCESSING | | | 3 | 3 | | | | | |
| | | | | | | | | | 雲端技術與應用 CLOUD COMPUTING APPLICATIONS | | | 3 | 3 | | | | | |
| | | | | | | | | | 遊戲設計 GAME DESIGN | | | 3 | 3 | | | | | |
| | | | | | | | | | B軟體工程 B SOFTWARE ENGINEERING | | | 3 | 3 | | | | | |
| | | | | | | | | | M電腦繪圖 M COMPUTER AID GRAPHIC DESIGN | | | 3 | 3 | | | | | |
| | | | | | | | | | N網路程式設計 N NETWORK PROGRAMMING | | | 3 | 3 | | | | | |
| | | | | | | | | | N電信網路 N TELECOMMUNICATI ON NETWORKS | | | 3 | 3 | | | | | |
| | | | | | | | | | B資訊安全 B INFORMATION SECURITY | | | 3 | 3 | | | | | |
| | | | | | | | | | Python資料科學 應用實務 PYTHON DATA SCIENCE APPLICATION PRACTICE | | | 3 | 3 | | | | | |
| | | | | | | | | | 人工智慧應用實 務 ARTIFICIAL INTELLIGENCE APPLICATION PRACTICE | | | 3 | 3 | | | | | |