# 113學年度資訊管理系日間部四技課程規劃表

## 第一學年(113) / 第二學年(114) / 第三學年(115)

| | 第一學年(113) 科目 | 上學期 學分 | 上學期 時數 | 下學期 學分 | 下學期 時數 | | 第二學年(114) 科目 | 上學期 學分 | 上學期 時數 | 下學期 學分 | 下學期 時數 | | 第三學年(115) 科目 | 上學期 學分 | 上學期 時數 | 下學期 學分 | 下學期 時數 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 校必修 | 分類通識 | 2 | 2 | 2 | 2 | 校必修 | 分類通識 | 2 | 2 | 2 | 2 | 校必修 | | | | | |
| | 分類通識 | 2 | 2 | 2 | 2 | | | | | | | | | | | | |
| | 體育 | 2 | 2 | 2 | 2 | | | | | | | | | | | | |
| | 小計 | 6 | 6 | 6 | 6 | | 小計 | 2 | 2 | 2 | 2 | | 小計 | | | | |
| 院必修 | 商務英文(一)(二) | 2 | 2 | 2 | 2 | 院必修 | 商務英文(三)(四) | 2 | 2 | 2 | 2 | 院必修 | | | | | |
| | 應用中文(一)(二) | 2 | 2 | 2 | 2 | | | | | | | | | | | | |
| | 程式設計概論 | 3 | 3 | | | | | | | | | | | | | | |
| | 管理學 | 3 | 3 | | | | | | | | | | | | | | |
| | 人工智慧概論 | | | 2 | 2 | | | | | | | | | | | | |
| | 經濟學 | | | 3 | 3 | | | | | | | | | | | | |
| | 統計學 | | | 3 | 3 | | | | | | | | | | | | |
| | 小計 | 10 | 10 | 12 | 12 | | 小計 | 2 | 2 | 2 | 2 | | 小計 | | | | |
| 專業必修 | 計算機概論 | 3 | 3 | | | 專業必修 | JAVA程式設計 | 3 | 3 | | | 專業必修 | 實務專題 | 1 | 1 | 1 | 1 |
| | 進階程式設計 | | | 3 | 3 | | 視窗作業系統管理與安全實務 | 3 | 3 | | | | 系統分析與設計 | 3 | 3 | | |
| | | | | | | | 資料庫理論與設計 | 3 | 3 | | | | Linux系統管理實務 | 3 | 3 | | |
| | | | | | | | 資訊管理 | | | 3 | 3 | | 企業資源規劃系統 | 3 | 3 | | |
| | | | | | | | 電腦網路 | | | 3 | 3 | | 企業倫理 | 2 | 2 | | |
| | | | | | | | 資料庫管理系統 | | | 3 | 3 | | | | | | |
| | 小計 | 3 | 3 | 3 | 3 | | 小計 | 9 | 9 | 9 | 9 | | 小計 | 12 | 12 | 1 | 1 |
| 專業選修 | 網際網路實務 | | | 3 | 3 | 專業選修 | 網頁程式設計 | 3 | 3 | | | 專業選修 | 電子商務 | 3 | 3 | | |
| | 資訊素養 | | | 2 | 2 | | 會計學 | 3 | 3 | | | | 網路互連技術 | 3 | 3 | | |
| | 商業資料分析應用 | | | 3 | 3 | | 應用統計學 | 3 | 3 | | | | 資訊安全 | 3 | 3 | | |
| | | | | | | | 經濟分析 | 3 | 3 | | | | 資料庫實務 | 3 | 3 | | |
| | | | | | | | 資料結構 | 3 | 3 | | | | APP程式設計實務 | 3 | 3 | | |
| | | | | | | | 金融科技 | 3 | 3 | | | | 社群網絡分析實務 | 3 | 3 | | |
| | | | | | | | 商用程式設計 | | | 3 | 3 | | 資料視覺化分析 | 3 | 3 | | |
| | | | | | | | 進階JAVA程式設計 | | | 3 | 3 | | 財務管理 | 3 | 3 | | |
| | | | | | | | PYTHON程式設計 | | | 3 | 3 | | 網路商店設計實務 | | | 3 | 3 |
| | | | | | | | 創意影像處理 | | | 3 | 3 | | 物聯網技術與應用 | | | 3 | 3 |
| | | | | | | | 英檢初級課程 | | | 3 | 3 | | 網路規劃與管理 | | | 3 | 3 |
| | | | | | | | 應用會計學 | | | 3 | 3 | | 電子商務建置實務 | | | 3 | 3 |
| | | | | | | | | | | | | | 企業資源規劃實務 | | | 3 | 3 |
| | | | | | | | | | | | | | 資訊安全管理 | | | 3 | 3 |
| | | | | | | | | | | | | | 行銷管理 | | | 3 | 3 |
| | | | | | | | | | | | | | 電子商務安全 | | | 3 | 3 |
| | | | | | | | | | | | | | 機器學習 | | | 3 | 3 |

## 第四學年(116)

| | 科目 | 上學期 學分 | 上學期 時數 | 下學期 學分 | 下學期 時數 |
|---|---|---|---|---|---|
| 校必修 | | | | | |
| | 小計 | | | | |
| 院必修 | | | | | |
| | 小計 | | | | |
| 專業必修 | 校外實習 | 9 | 9 | | |
| | 資管證照 | | | 1 | 1 |
| | 小計 | 9 | 9 | 1 | 1 |
| 專業選修 | 校外實習 | | | 9 | 9 |
| | 網頁資料庫 | | | 3 | 3 |
| | 巨量資料分析與應用 | | | 3 | 3 |
| | 行動商務應用與安全 | | | 3 | 3 |
| | 個人理財分析 | | | 3 | 3 |
| | 深度學習 | | | 3 | 3 |
| | 雲端虛擬化系統管理實務 | | | 3 | 3 |

【科目類別】
通識科目(分類通識)：校必修
共同科目(體育)：校必修
專業科目：院必修、專業必修、專業選修

| 【科目類別】 | | 學分 | 時數 |
|---|---|---|---|
| 通識科目、共同科目 | 校必修 | 16 | 16 |
| 專業科目 | 院必修 | 26 | 26 |
| | 專業必修 | 47 | 47 |
| | 專業選修 | 39 | 39 |
| | 合計 | 128 | 128 |

【注意事項】
1.最低畢業學分：128學分，其中專業選修39學分(本系至少27學分，其餘可跨系)。
2.一、二、三年級每學期修課16~30學分，四年級每學期修課9~30學分。
3.表列專業選修課程，得依實際情況逕行調整。
4.請依本校「學生基本能力與畢業門檻實施辦法」實施。
5.校外實習課程，請依相關實施要點辦理。
6.畢業年級相當於國內高級中等學校二年級之國外或香港、澳門同類同級學校畢業生，以同等學歷修讀本校學士學位者，最低畢業學分：140學分，可延長修業年限三年。

# MUST Curriculum Planning for Undergraduate Students for Academic Years 2024-2027
## Department of Information Management

| | 1st year(113) Course | 1st sem Cr. | 1st sem hr. | 2nd sem Cr. | 2nd sem hr. | | 2nd year(114) Course | 1st sem Cr. | 1st sem hr. | 2nd sem Cr. | 2nd sem hr. | | 3rd year(115) Course | 1st sem Cr. | 1st sem hr. | 2nd sem Cr. | 2nd sem hr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MUST Core Required Courses | Physical Education | 1 | 2 | 1 | 2 | MUST Core Required Courses | Classified general Education | 2 | 2 | 2 | 2 | MUST Core Required Courses | | | | | |
| | Classified general Education | 2 | 2 | 2 | 2 | | Classified general Education | 2 | 2 | | | | | | | | |
| | Classified general Education | 2 | 2 | 2 | 2 | | | | | | | | | | | | |
| | **Subtotal** | **5** | **6** | **4** | **6** | | **Subtotal** | **4** | **4** | **2** | **2** | | **Subtotal** | | | | |
| School Professional Required Courses | Business English(I) | 2 | 2 | | | School Professional Required Courses | Business English(III) | 2 | 2 | | | School Professional Required Courses | | | | | |
| | Business English(II) | | | 2 | 2 | | Business English(IV) | | | 2 | 2 | | | | | | |
| | Applied Chinese(I) | 2 | 2 | | | | | | | | | | | | | | |
| | Applied Chinese(II) | | | 2 | 2 | | | | | | | | | | | | |
| | Introduction to Computers and Programming | 3 | 3 | | | | | | | | | | | | | | |
| | Introduction to Artificial Intelligence | | | 3 | 3 | | | | | | | | | | | | |
| | Management | 3 | 3 | | | | | | | | | | | | | | |
| | Economics | | | 3 | 3 | | | | | | | | | | | | |
| | Statistics | | | 3 | 3 | | | | | | | | | | | | |
| | **Subtotal** | **10** | **10** | **13** | **13** | | **Subtotal** | **2** | **2** | **2** | **2** | | **Subtotal** | | | | |
| Department compulsory courses | Introduction to Computer Science | 3 | 3 | | | Department compulsory courses | Java Programming | 3 | 3 | | | Department compulsory courses | System Analysis and Design | 3 | 3 | | |
| | Advanced Programming Design | | | 3 | 4 | | Window System Management and Security Practice | 3 | 3 | | | | The Practice of Linux System Management | 3 | 3 | | |
| | | | | | | | Theory and Analysis of Database | 3 | 3 | | | | Enterprise Resource Planning System | 3 | 3 | | |
| | | | | | | | Information Management | | | 3 | 3 | | Business Ethics | 2 | 2 | | |
| | | | | | | | Computer Network | | | 3 | 3 | | Project of Information Management | 1 | 1 | 1 | 1 |
| | | | | | | | Database Management System | | | 3 | 3 | | | | | | |
| | **Subtotal** | | | | | | **Subtotal** | **9** | **9** | **9** | **9** | | **Subtotal** | **12** | **12** | **1** | **1** |
| Department Elective Courses | Internet Practice | | | 3 | 3 | Department Elective Courses | Web Programming | 3 | 3 | | | Department Elective Courses | Electronic Commerce | 3 | 3 | | |
| | Information Literacy | | | 2 | 2 | | Accounting | 3 | 3 | | | | Inter-networking | 3 | 3 | | |
| | Business Data Analysis and Application | | | 3 | 3 | | Applied Statistics | 3 | 3 | | | | Information Security | 3 | 3 | | |
| | | | | | | | Economic Analysis | 3 | 3 | | | | Practice of Database Management System | 3 | 3 | | |
| | | | | | | | Data Structure | 3 | 3 | | | | APP Programming Practice | 3 | 3 | | |
| | | | | | | | Financial technology | 3 | 3 | | | | Social Network Analysis Practice | 3 | 3 | | |
| | | | | | | | Financial technology | 3 | 3 | | | | Data Visualization and Analysis | 3 | 3 | | |
| | | | | | | | Database Application Language Programming | | | 3 | 3 | | Financial Management | 3 | 3 | | |
| | | | | | | | Advanced Java Programming | | | 3 | 3 | | E-Shop Design and Practices | | | 3 | 3 |
| | | | | | | | Python Programming | | | 3 | 3 | | The Internet of Things Techniques and Application | | | 3 | 3 |
| | | | | | | | Creative Image Processing | | | 3 | 3 | | Network Planning & Management | | | 3 | 3 |
| | | | | | | | Ready for GEPT Elementary Level | | | 3 | 3 | | E-commerce System Design and Implementation | | | 3 | 3 |
| | | | | | | | Applied Accounting | | | 3 | 3 | | ERP Practice | | | 3 | 3 |
| | | | | | | | | | | | | | Information Security Management system | | | 3 | 3 |
| | | | | | | | | | | | | | Marketing Management | | | 3 | 3 |
| | | | | | | | | | | | | | E-commerce Security | | | 3 | 3 |
| | | | | | | | | | | | | | Machine Learning | | | 3 | 3 |

| | 4th year(116) Course | 1st sem Cr. | 1st sem hr. | 2nd sem Cr. | 2nd sem hr. |
|---|---|---|---|---|---|
| MUST Core Required Courses | | | | | |
| | **Subtotal** | | | | |
| School Professional Required Courses | | | | | |
| | **Subtotal** | | | | |
| Department compulsory courses | Off-campus internship | 9 | 9 | | |
| | MIS Certificates | | | 1 | 1 |
| | **Subtotal** | **9** | **9** | **1** | **1** |
| Department Elective Courses | Web Database | | | 3 | 3 |
| | Big Data Analysis and Application | | | 3 | 3 |
| | Mobile Commerce Application & Security | | | 3 | 3 |
| | Business Information Management Practice | | | 3 | 3 |
| | Employment development practice | | | 3 | 3 |
| | Employment Ethics | | | 3 | 3 |
| | Personal financial analysis | | | 3 | 3 |
| | Deep Learning | | | 3 | 3 |
| | Virtualization System Administration Practices in Cloud | | | 3 | 3 |

Cr./hr.=Credit/hour

Remarks:

1. According to university regulations, students are required to meet the graduation requirement of basic language proficiency and professional skills.

2. Students shall take 4 hours Service Education courses (0 credits) in the first and second semester of the first academic year.

3. In the first three years, students must take 16-30 credits per semester, and 9-30 credits per semester in the 4th year.

4. Minimum graduation credits: 128 credits; Compulsory credits: 90 credits. Elective credits: 38 credits (elective credits include inter-departmental elective credits); the elective credits for majors in the department must not be lower than 26 credits.

5. Students having graduated from a foreign country, including Hong Kong and Macau, with the equivalent of the second year of high school study of the ROC's high school sophomore level, or with a high school equivalent degree, need to take 140 credits including **90** compulsory credits, and at least **50** elective credits (including inter-departmental elective credits ), while elective professional course credits shall not be fewer than **38** .

The program can be extended up to 3 academic years.

6. Elective courses are subject to change if necessary.