National Chung Cheng University

Department of Information Management

Undergraduate Program General Requirements

**Undergraduate Program (for freshmen enrolled after Fall semester, 2023)**

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| 1. Students take at least 128 credits for graduation. The credits include:(1) general education courses 28 credits(2) majored required courses　 58 credits(3) majored elective courses 21 credits(4) free elective courses 21 credits |
| 2. Courses are classified as: | 1st year | 2nd year | 3rd year | 4th year |
| 1. **General Education (GE): 28 credits**
 | Fall | Spring | Fall | Spring | Fall | Spring | Fall | Spring |
| Chinese & English language competency:Chinese language knowledge and its application (4 credits)English language skills (4 credits) | 22 | 22 |  |  |  |  |  |  |
|  Note:* MIS-majored students take GE courses offered by IM Department or those in the list of exclusions can’t be counted towards the required 28 credits for general education.
* For more information, check with General Education Center and IM Department Office.
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| ◎ “Service Learning: Community Service” is required for one semester with 0 credit. |
| 1. **Majored Required:58 credits**
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| Accounting(I) | 3 |  |  |  |  |  |  |  |
| Principle of Economics(I) | 3 |  |  |  |  |  |  |  |
| Business Essentials | 3 |  |  |  |  |  |  |  |
| Introduction to Computer | 3 |  |  |  |  |  |  |  |
| Object-Oriented Technology(I) (JAVA) | 3 |  |  |  |  |  |  |  |
| Program Designing |  | 3 |  |  |  |  |  |  |
| Calculus |  | 4 |  |  |  |  |  |  |
| Introduction to Management Information System |  | 3 |  |  |  |  |  |  |
| Law in Science and Technology |  |  | 3 |  |  |  |  |  |
| Data Structure |  |  | 3 |  |  |  |  |  |
| Statistics(I)(II)(I) |  |  | 3 | 3 |  |  |  |  |
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| Database Management |  |  |  | 3 |  |  |  |  |
| Business Data Communication |  |  |  | 3 |  |  |  |  |
| System Analysis and Design |  |  |  |  | 3 |  |  |  |
| Electronic Commerce |  |  |  |  | 3 |  |  |  |
| Project Development(I) |  |  |  |  | 2 |  |  |  |
| Business Ethics |  |  |  |  |  | 2 |  |  |
| Project Development(I I) |  |  |  |  |  | 2 |  |  |
| Strategic Information Management |  |  |  |  |  |  | 3 |  |

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| **(三)Elective Courses: 42 credits**  |
| 1. **Business System Elective（3 credits）**

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| Accounting Information Systems | Marketing Information Systems | Operation Management Information Systems |
| Financial Information Systems | Enterprise Resource Planning |  |

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| **2.Professional Electives （18 credits）** |
| （1）Seminar in Medical Information Management Area

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| Medical Information Systems  | Image Storing Systems | Electronic Patient Records　 |
| Medical Marketing Research | Datamining and Applications | Medical Quality Management |
| Health Care Management | Health Insurance | Introduction to Healthcare Systems |
| Healthcare Organizational Management | TeleHealth Care | Long term care Management Information Systems |
| Information Security Management | Image Processing and Applications | Artificial Intelligence and Expert Systems |
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（2）Electronic Business Area

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| Internet Commerce  | E-Business Operation Management | Customer Relationship Management |
| Electronic Supply Chain Management | Information Systems Control and Auditing | Virtual Communities Analysis and Management |
| Collaborative Commerce | Strategic and Information Management | Consumer Behavior |
| Enterprise Resource Planning | Information Security Management | Case Studies in MIS |
| MIS Project Management | Digital Game Psychology and Design | Finance Technology |
| Application and Technology of the Internet of Things | Fundamentals of Self-media Economies | Search Engine Optimization |

（3）Information Technology Area

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| OOP Technology(II) (.NET) | Software Engineering | Multimedia Systems |
| Operating System | AI and Expert System | Datamining and Application |
| Information Security Techniques | Information Systems Control and Auditing | Webpage Design |
| XML and Internet Service | Modelling & Simulation | Discrete Mathematics |
| Computer Organization and Structure | Mobile Device Programming | Analysis and application of Big data |
| Python Programming | R Language | Image Processing and Applications |
| Machine Learning |  |  |

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| **3.Free Electives（21 credits）**1. General Management Courses (at least 2 courses)：

Management, Organizational Behavior, Logistics Management, Cost and Management Accounting(I), Human Resource Management, Financial Management, Marketing Management, Technology Management, Research and Development Management, Accounting(II), Introduction to Management Sciences1. Free elective courses can be chosen from all elective courses offered by the Department of IM or all courses offered by the other departments except those courses closely similar to ours and those extra General Education courses.
2. Credits of Education Programs could not be taken as free electives credits due to exceeding credits or dropping this program.
3. Physical Education credits could be seen as free elective credits and graduation required credits but limited to one credit per semester.
4. Junior and senior students can take courses in the graduate program.
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