

# Curriculum of the Department of Information Management , Kainan University, 2021.

110/05/18

| General Education(at least 28 credits) | Field                                       | Course Subjects  |
|--|---|--|
|  | Linguistic Literacy<br>(6 credits)          | <ul style="list-style-type: none"> <li>●Chinese-2 credits</li> <li>●Foreign Language(Freshman English)-4credits</li> </ul> Notes:<br>1. English major and student with particular circumstances are required to take second foreign language except English, such as Japanese, Thai, Vietnamese, Korean...etc..<br>2. Other students are required to take 4 credits of “Freshman English”.   |
|  | Scientific Literacy<br>(4 credits)          | <ul style="list-style-type: none"> <li>●Natural Science ●Life Science</li> <li>●Computer-related information studies</li> </ul> Notes :<br>1. Major in department of Information Management students have to take 4optional credits in scientific literacy field.<br>2. Other students must take 2 credits of “Programming” in computer-related information studies and 2 optional credits in scientific literacy field.   |
|  | Social Literacy<br>(4 Optional credits)     | <ul style="list-style-type: none"> <li>●Constitution &amp; Politics</li> <li>●Sociology</li> </ul>   |
|  | Humanistic Literacy<br>(4 Optional credits) | <ul style="list-style-type: none"> <li>●History</li> <li>●Art &amp; Humanities</li> </ul>  |
|  | Military Education                          | Military Education -0 credit   |
|  | Physical Education                          | Physical Education in day school :<br>1. Required PE courses are 2 credits. Each course is 1 credit for 2 class hours, students have to take 2 courses in total (PE I, PE II).<br>2. Students can take at most 1 course (2 credits, which can be counted asoptional credits from general education) for elective PE course (Leisure Physical Education).<br>Physical Education in division of continuing education :<br>Required PE courses are 2 credits. Each course is 1 credit for 2 class hours , students have to take 2 courses in total (PE I, PE II). |
|  | Optional 8 credits from G.E.C               |  |

Notice: Taking the courses which are excluded by the departments will not be counted as graduation credits.

| curriculum                       | First Year                         |  | Second Year                |                                       | Third Year                         |                                | Forth Year                       |                                   |
|----------------------------------|------------------------------------|--|----------------------------|---------------------------------------|------------------------------------|--------------------------------|----------------------------------|-----------------------------------|
|                                  | Semester1                          | Semester 2                                 | Semester1                  | Semester 2                            | Semester1                          | Semester 2                     | Semester1                        | Semester 2                        |
| Service Education (Required)     | Labor Service I 1                  | Labor Service II 1                         | Volunteer Service I 1      | Volunteer Service II 1                |                                    |                                |                                  |                                   |
| Required Courses<br>(64 credits) | Information Management 3           | Enterprise Communications and Networking 3 | Linux& System Management 3 | System Analysis and Design 3          | Practice of Marketing Management 2 | Operation Research 3           | Project Practice I 1             | Project Practice II 1             |
|                                  | Introduction to Computer Science 3 | Introduction to Programming 3              | Data Structure 3           | Database Management 3                 | Mathematics for Management 3       | Information Security 3         | Enterprise Resource Planning I 2 | Enterprise Resource Planning II 2 |
|                                  | Business Software Certification 3  | Multimedia Web Page Design 3               | Programming Design 3       | Production and Operation Management 3 | Management Information Systems 3   | Campus Practical Training II 1 |                                  |                                   |

|   |  |  |  |                                 |                               |  |  |  |
|---|--|--|--|---------------------------------|-------------------------------|--|--|--|
|   | Introduction to Business Management 3  |  |  | Statistics with Data Analysis 3 | Campus Practical Training I 1 |  |  |  |
| Professional Electives (Minimum ** credits)                               |  |  |  |                                 |                               |  |  |  |
| The curriculum of electives would be announced on the Website of ** Dept. |  |  |  |                                 |                               |  |  |  |
| 備<br><br>註  | 1. In order to achieve the graduation threshold of the department, student must complete 128 credits , of which ** credits from required courses, 2 credits from labor service, 2 credits from volunteer service, ** credits from core optional courses, and 28 credits from general education courses. **credits are free optional courses accepted for taking any courses from all departments |  |  |                                 |                               |  |  |  |
|   | 2. All general education courses must follow the policies of General Education Center. Students must complete the required credit standards of Kainan University.  |  |  |                                 |                               |  |  |  |
|   | 3. In order to achieve the graduation threshold, the completed “Student Passport” is required..  |  |  |                                 |                               |  |  |  |
|   | 4. In accordance with the regulations of KNU English Test and English graduation threshold, students must fulfill the English graduation threshold.  |  |  |                                 |                               |  |  |  |
|   | 5. The graduation credits of F.5 Education System students are required to increase at least 12 credits.   |  |  |                                 |                               |  |  |  |
|   | 6. In accordance with the regulations of KNU interdisciplinary learning, students of this very department are required to take interdisciplinary program, double minor, or double major, in order to fulfill graduation threshold.   |  |  |                                 |                               |  |  |  |
|   | 7. These courses regulations were passed at the Curriculum Committee Meeting on May 18th. 2021, and approved for future references by Academics Affairs Meeting on May 18th, 2021.   |  |  |                                 |                               |  |  |  |

# Curriculum of the Department of Information Management, Kainan University, 2021. (Elective Courses)

110/05/18

| curriculum                                  | First Year  | Second Year   | Third Year   | Forth Year   |
|---|---|---|--|--|
| Professional Electives (Minimum 22 credits) | Management Science 3<br>Accounting Information System 3<br>Oral Presentation Skills and Professional Briefings Designs 3<br>Teamwork and collaboration 3<br>Economics 3 | Human Resource Management 3<br>Logistics Management 3<br>Business Intelligence Practice 3                     | Economic Benefit Assessment 3<br>Innovation Management 3<br>Materials Management 3<br>Marketing Channels 3<br>Information Strategy Management 3<br>Electronic Commerce 3<br>Network Marketing Management 3 | Information Management Case Studies 3<br>Technology Management 3<br>Career Plan 3<br>Decision Analysis of Technological Investment 3<br>Customer Relationship Management 3 |
|   | Computer Hardware Fabrication 3<br>Computer Organization 3  | Window Programming 3<br>JAVA Programming Design 3<br>Network Management Professional Certification Guidance 3 | Software Engineering 3<br>Database Programming 3<br>JAVA Programming Certification Guidance 3  | Cross-Platform Application Development 3   |
|   | Commercial Calculus 3   | Introduction to Blockchain 3<br>Introduction to Big Data 3  | Artificial Intelligence 3<br>Discrete Mathematics 3<br>Data Mining 3   | Decision Support System 3<br>Machine Learning 3  |
|   | 3D Computer Animation 3<br>Production and Design of Digital Contents 3  | Dynamic Home Page Design 3<br>Application and development of IoT 3<br>3D Printing and Modeling 3              | Mobil Device Programming 3<br>Cloud Service 3<br>Practice of Creative and Smart IoT 3  | Computer Game Programming 3  |
|   |   |   |  | Enterprise Internship I 6<br>Enterprise Internship II 6  |