**Academic Year:** 107 (Aug 2018~ Jul2019)

**Department:** Department of Industrial Engineering and Management

**Academic Degree:** Master of Science (MS in Industrial Engineering and Management)

**Updated:** 107.09.05

|  |  |  |
| --- | --- | --- |
| **First Year** |  | **Second Year** |
| **2nd semester** | **Summer Remedial Course** | **1st semester** | **2nd semester** | **Summer Remedial Course** |
| **Require courses for Department :**Total 6 credits |
|  |  |  | Master Thesis3-0-3 | Master Thesis3-0-3 |
| **Require courses** :Total 15 credits |
| **Statistics**3-0-3 | Research Method3-0-3 |  |  |  |
| **Operations Research****3-0-3** | **Advanced Production Management****3-0-3** |  | **Advanced Quality Control****3-0-3** |  |
| **Selected Courses:** at least 15 Credits for required |
| Innovation and Strategy Management3-0-3 | Application of Internet of Things and Large Data Analysis3-0-3 | Customer Relationship Management3-0-3 | Industry Informatization and Intelligent Management 3-0-3  | **Decision Analysis and Management**3-0-3 |
| Project Management3-0-3 | The Application of Data Analysis3-0-3 | Total Quality and Six Sigma Management 3-0-3 | **Inventory Management and Analysis****3-0-3** |  |
| Human Resources Management3-0-3 |  |  | Global Supply Chain Management3-0-3 | **Enterprise Resource Planning****3-0-3** |
| Financial Management3-0-3 |  |  |  |  |
| Lean Production Management 3-0-3 | Human Factors Engineering in Industrial Application 3-0-3 | Advanced Office Automation3-0-3 |  |  |
| Organizational Behavior and Management 3-0-3 |  |  |  |  |
| **Required Courses**：36 Credits (including Master Thesis：6 Credits) |

**Academic Year:** 106 (Aug 2017~ Jul2018)

**Department:** Department of Health Industry Management

**Academic Degree:** Master of Business Administration (MBA)

**Updated:** 106.11.22

|  |  |  |
| --- | --- | --- |
| **First Year** |  | **Second Year** |
| **2nd semester** | **Summer Remedial Course** | **1st semester** | **2nd semester** | **Summer Remedial Course** |
| **Require courses for Department :**Total 6 credits |
|  |  |  | Master Thesis3-0-3 | Master Thesis3-0-3 |
| **Require courses** :Total 15 credits |
| Biostatistics3-0-3 | Research Method3-0-3 |  |  |  |
|  | Health and Technology Industry Management3-0-3 |  | Health Care Quality Management3-0-3 |  |
| **Selected Courses:** at least 18 Credits for required |
| Health and Long Term Care Management Systems 3-0-3 | Long-term Healthcare Enviornment Planning and Management3-0-3 |  |  | Hospice Palliative Care and Management 3-0-3 |
| Medical Policy and Healthcare Insurance3-0-3 | Human Factors Engineering in Industrial Application 3-0-3 |  | Medical Service Industry Management3-0-3 |  |
|  | Healthcare information management with cloud computing3-.0-3 | Advanced Office Automation3-0-3 | Industry Informatization and Intelligent Management 3-0-3  |  |
| Innovation and Strategy Management3-0-3 | The Application of Data Analysis3-0-3 | Customer Relationship Management3-0-3 |  |  |
| Project Management3-0-3 | Application of Internet of Things and Large Data Analysis3-0-3 | Total Quality and Six Sigma Management 3-0-3 |  |  |
| Financial Management3-0-3 |  |  |  |  |
| Human Resources Management3-0-3 |  |  |  |  |
| **Organizational Behavior and Management**3-0-3 |  |  |  |  |
| **Required Courses**：36 Credits (including Master Thesis：6 Credits) |