**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 Thesis  3-0-3 | Master Thesis  3-0-3 | | |
| **Require courses** :Total 15 credits | | | | | |
| **Statistics**  3-0-3 | Research Method  3-0-3 |  |  |  | | |
| **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 Management  3-0-3 | Application of Internet of Things and Large Data Analysis  3-0-3 | Customer Relationship Management  3-0-3 | Industry Informatization and Intelligent Management  3-0-3 | **Decision Analysis and Management**  3-0-3 | | |
| Project Management  3-0-3 | The Application of Data Analysis  3-0-3 | Total Quality and Six Sigma Management  3-0-3 | **Inventory Management and Analysis**  **3-0-3** |  | | |
| Human Resources Management  3-0-3 |  |  | Global Supply Chain Management  3-0-3 | **Enterprise Resource Planning**  **3-0-3** | | |
| Financial Management  3-0-3 |  |  |  |  | | |
| Lean Production Management  3-0-3 | Human Factors Engineering in Industrial Application  3-0-3 | Advanced Office Automation  3-0-3 |  |  | | |
| 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

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