

INSTITUTE OF INFORMATION MANAGEMENT

MASTER PROGRAM

To get the degree students have to meet all requirements below:

- **Prerequisite requirement:** at least 6 courses

Students will be required to pass the prerequisite courses during their undergraduate period, or students have to take the undergraduate courses proved in our school to fulfill the prerequisite requirement.

Management (at least 1 course)	Quantitative Methods (at least 1 course)	Information Technology (All 4 courses are required)
<ol style="list-style-type: none">1. Human Resource Management2. Production and Operation Management3. Marketing Management4. Quality Management5. Financial Management6. Management7. Resource and Development Management	<ol style="list-style-type: none">1. Statistics2. Operation Research3. Probability4. Linear Algebra	<ol style="list-style-type: none">1. Information Management system2. Database Management3. Business Communication Network4. System Analysis and Design

Note:

- (1) The prerequisite courses must be completed before graduation.
- (2) The prerequisite courses can be taken from other departments.
- (3) The prerequisite courses do not count as part of the credits required for graduation.
- (4) The prerequisite course may be waived for students who have completed the similar courses in undergraduate study for more than 1 semester (3 credits) with an average mark of 60 or above.

- **English Proficiency Verification Prior to Graduation**

Students should take one of the full English courses. Otherwise, they shall pass one of the following English proficiency tests.

- First stage of high-intermediate level of GEPT
- CBT-TOEFL 193/ Paper-based TOEFL 523
- IELTS 5.0.
- TOEIC 700

- **Thesis**

Students are required to complete a thesis which is related to Information Management, and the thesis has to be student's independent research.

- **Minimum credits required for graduation: 30 credits**

Including core courses: 12 credit hours; elective courses: 12 credit hours; Seminar:6 credit hours.

- **Core courses:** at least 4 courses. And core courses are not allowed to take for other departments.

Management Technology (at least 2 courses)	Decision Analysis (at least 2 course)
1. Advanced Database Management	1. Introduction to E-Business Strategy
2. Knowledge Engineering	2. <i>Electronic Commerce (full English course)</i>
3. Data Mining	3. <i>Information Ethics (full English course)</i>
4. Machine Learning	4. <i>Multivariate Analysis (full English course)</i>
5. Applications of Artificial Neural Networks	5. <i>Structural Equation Models (full English course)</i>
6. <i>Network Management (full English course)</i>	6. Business Intelligence and Decision Support Systems
7. <i>Network Security (full English course)</i>	7. <i>Cognitive and Organizational Ergonomics (full English course)</i>
8. <i>Mobile Networking and Applications (full English course)</i>	
9. <i>Information Technology and Innovation (full English course)</i>	

- **Seminar is required for 4 semesters.**

For Seminars 1 and 2: 1 credit hour each; for Seminars 3 and 4: 2 credit hours each. And students are not allowed to take Seminars from other department.

- **Elective courses:** 12 credit hours

For elective courses, students can take courses inside or outside the department. If students take more than 4 courses from the core course, that will automatically become the elective courses. Or students can attain the courses from other department as the elective course, but each semester at most 2 courses (6 credit hours), and at most 3courses (9 credit hours) can be admitted.