

# Educational Objectives and three policies for students

## 1. Educational Mission

The Graduate School of Technology Management aims to make contribution to the global society. The objective of this program is to foster the scholarly and professional capability of seeing into business potential of certain technologies, and to support students to acquire new knowledge and skills for progressing the social betterment.

### < Master' s Program >

The aim of this program is to train and educate business professionals capable of creating new value for the global society. This concerns the most advanced educational provision for both engineers and managers to see into the new potential of business co-creation across each other's specialties.

This program also helps students to learn and practice the art of the leadership in new value creation through mastering technology and innovation management.

### < Doctoral Program >

The aim of this program is to train and educate the candidates of academic researchers in the field of technology and innovation management. This involves developing the state-of-the-art researches that bridge the realms of business practice and scholarly examination to lead the global academia in the field of technology and innovation management.

## 2. Diploma Policy

The Graduate School of Technology Management aims to make contribution to the global society. The objective of this program is to foster the scholarly and professional capability of seeing into the business potential of certain technologies, and to support students to acquire new knowledge and skills for progressing the social betterment. Accordingly, our educational goals, which is ability for students to acquire until their completion of the program, are set as follows. We consider that students have acquired these abilities and skills when they have earned the credits prescribed by the graduate school and have passed the thesis examination. The students in master's program is awarded master's degree and one in doctoral program is awarded doctoral degree.

### < Master' s Program >

(Knowledge/ Understanding)

A. To have academic abilities to learn the theories, concepts and methodologies in the field of technology and innovation management and understand its consequence and responsibility.

(Ideas/Senses)

B. To acquire analytical techniques for technology management and identify new problems and solutions.

C. To develop the strategies, solutions and ideas from the perspective of technology management to facilitate innovation.

(Interest/ Motivation/ Attitudes)

D. To carry out researches in coordination with others in a systematic approach and understand the ethical in terms of contributing to the global society.

(Skills/ Expressions)

E. To carry out analyses required for the commercialization of technologies.

F. To enrich international insights and communication skills to make research presentation in the foreign languages.

#### < Doctoral Program >

(Knowledge/ Understanding)

A. To learn the advanced theories, concepts and methodologies in the field of technology and innovation management and understand the outputs and duties.

(Ideas/ Senses)

B. To evaluate and formulate business strategies in the pursuit of new theories.

C. To develop business strategies and practical solutions to facilitate innovation.

#### Evaluation criteria for master' s/doctoral thesis

##### < Master' s Program >

Applicants who meet all the requirements for the completion of curricula is to be reviewed in several criteria of their understanding of the concept of technology management, methodology, clearness of problem consciousness. The master's degree is awarded to the applicant who is verified as a qualified candidate of creating values and delivering benefit to the public.

##### < Doctoral Program >

The requirement to apply for conferral of doctoral degree is to complete all the requirements from the curricula and pass the final examination. The Candidate will be reviewed from the various aspects. The doctoral degree will be awarded to the candidates who are qualified to conduct the leading researches of bridging scholarly investigations and business practices from the perspective of technology and innovation management.

### 3. Curriculum Policy

#### < Master' s Program >

To achieve the educational mission, the master's program of the Graduate School of Technology Management introduces the curriculum of interactive learning, focusing on the combination of theory and practice as follows.

- Coursework: Coursework consists of the following three categories: The first category of basic subjects for learning the conceptual foundation of technology management in order to achieve the educational goal for acquiring academic ability to learn the theories, concepts and methodologies in the field of technology and innovation management, the second category of core subjects for deeper learning, and third category of advanced subjects for enriching knowledge in various area in order to acquire the advanced capabilities of logical thinking and decision making.
- Practicum: This course is designed to allow students to practice their theoretical learnings from the coursework in actual business fields.
- Research Seminar: This aims to help students to learn and practice their skills of writing to submit their theses. The students will be asked to report their status of research progress in

the mid-term presentations, which will be held three times throughout the entire course. Educational achievement of particular subjects will be evaluated in accordance with the assessment policy.

#### < Doctoral Program >

To accomplish the educational mission in developing students' academic capabilities in learning the theories, concepts and methodologies in the field of technology and innovation management, the doctoral program of the Graduate School of Technology Management aims to produce top quality researches, leading the scholarly field of technology and innovation management with strategic and logical standpoint, and provides the following programs.

- Doctoral Coursework: It is designed to provide students with advanced academic skills for completing their doctoral theses.
- Doctoral Seminars: They are designed to provide students with supervision from their supervisors. The students will be asked to make mid-term research presentations to report progress a few times per year.

## 4. Admission Policy

The Graduate School of Technology Management welcomes the students with the following qualification.

#### [Master's Program]

(Knowledge/ Understanding)

- Those who have academic ability to learn the theories, concepts and methodologies in the field of technology and innovation management and to learn the conceptual foundation of technology management in basic subjects.

(Ideas/ Senses)

- Those who seek to acquire the analytical techniques in technology management.
- Those who have logical mind and decision making capability to encourage innovations and to practice their theoretical learnings from the coursework in actual business fields.

(Interest/ Motivation/ Attitudes)

Those who carry out researches coordinating with others in systematic approach and to interact learnings, focusing on the combination of theories and practices.

(Skills/Expressions)

- Those who identify the factors which are required for commercialization of technologies to learn and practice their skills of writing to submit their theses.
- Those who have communication skills to reinforce the collaboration within the team.

#### [Doctoral Program]

(Knowledge/ Understanding)

- Those who have academic ability to learn the advanced theories, concepts and methodologies in the field of technology and innovation management, to induce the new value creation in the field.

(Ideas/ Senses)

- Those who seek to evaluate and formulate business strategies to search for new theories.
- Those who develop business strategies and practical solutions to drive innovations, and to promote new researches from the strategic and logical standpoint.