

# **Educational Objectives and three policies for students enrolled on or before September 2015**

## **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 the 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 specialists.

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. 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: It consists of the following three categories: The first category of basic subjects for learning the conceptual foundation of technology management, the second category of core subjects for deeper learning, and third category of advanced subjects for enriching knowledge in various area.
- 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.

### **< Doctoral Program >**

To achieve the educational mission, 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.

### **3. 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 degree and one in doctoral program is awarded doctoral degree.

#### **< Master's Program >**

1. Coordination skill
2. Negotiation skill
3. Communication skill and facilitation skill
4. Skill of Strategic Thinking and Innovative Business Practice for the Present and Emerging Industries
5. Skill of Creating and Maneuvering Systematic Dynamics of MOT Theory and Business Practice

#### **< Doctoral Program >**

1. Top-Notch Scholarly Caliber of Exploring a New Research Frontier in MOT Theory and Business Practice in Global Perspective

### **Evaluation criteria for master's 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. Admission Policy**

Modern enterprises at all levels require a new class of engineers and managers who anticipate changes in society in order to succeed in an environment fraught with challenges for which there are no clear answers, from intensifying international competition to reduced access to natural resources and unpredictable advances in technology. At Ritsumeikan University's Graduate School of Technology Management, our Master's program aims to develop engineers with a managerial mindset as well as managers who make the

best possible use of technology; while our Doctoral program aims to develop researchers who advance the formal body of knowledge on universal, systematic concepts and methods in business practice. For that purpose, we welcome excellent applicants with a variety of skills, regardless of specific academic field and professional background. In particular, we seek applicants who:

1. Wish to take a leadership role in value creation in business and society by mastering the concepts and methods of technology management.
2. Wish to supplement their foundation knowledge of sciences or social sciences with a mastery of technology management concepts and methods in order to contribute to society.
3. Wish to use their experience as technology management practitioners to provide feedback to the research field and advance their own knowledge of theory.

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 theory, concept and methodology in the field of technology and innovation management.

(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.

(Interest/ motivation)

- Those who carry out researches coordinating with others in systematic approach

(Skills/Expressions/ Attitudes)

- Those who identify the factors which are required for commercialization of technologies
- 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 theory, concept and methodology in the field of technology and innovation management.

(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.