

## Graduate School of Management

### Diploma Policy

1. The Graduate School of Management master's program seeks researchers and highly specialized professionals in the field of business administration who hold advanced specialization, strong ethical principles, and international perspectives. The Graduate School of Management master's program accredits and awards a master's degree (Master of Management) to those who have attended courses in the program for a specified period, who have the requisite knowledge and skills determined by the Graduate School, and who have passed the master's thesis examination and final exam.

Graduating students will have acquired the following abilities:

- (1) Advanced expertise relating to Management Studies and related fields.
- (2) Research skills in Management Studies and related fields.
- (3) The ability to discover, analyze and solve problems themselves based on the advanced expertise, research skills, and liberal arts acquired.
- (4) The ability to actively collaborate with people in other specialties or from other cultures based on the acquisition of highly advanced expertise, research skills, and liberal arts acquired and with strong ethical principles.

2. The professional degree program aims to develop human resources who will become entrepreneurs and CXOs\* who are highly specialized professionals with a high level of practical expertise and strong ethical principles in the management of technology field, and international perspectives, who can respond promptly and innovatively to rapid changes in society (industry, etc.), and who can lead society. The award of master's degree (Master of Management of Technology) is accredited and awarded to those who have attended courses in the program for a specified period, who have the following knowledge and skills measured by their final deliverable (graduation paper), and who have acquired the number of credits determined by the Graduate School.

\*CXO: A collective term for CEO, COO, CTO, CFO, CMO, and others responsible for operations and functions in corporate activities.

Graduating students will have acquired the following abilities:

- (1) Advanced practical expertise relating to Management of Technology and related fields.
- (2) Advanced practical skills in Management of Technology and related fields.
- (3) The ability to discover, analyze, and solve problems themselves, based on the advanced expertise, practical skills, and liberal arts acquired.
- (4) The ability to actively collaborate with people in other specialties or from other cultures, based

on the advanced expertise, practical skills, and liberal arts acquired, and with strong ethical principles.

3. The Doctoral program aims to train researchers who have excellent creativity in research and development and who will play a central role in research and educational institutions. The award of doctoral degree (Doctor of Management) is accredited and awarded to those who have attended courses in the program for a specified period, who have the following knowledge and skills, who have acquired the number of credits determined by the Graduate School, and who pass their doctoral dissertation review, examination, and achievement test.

Graduating students will have acquired the following abilities:

- (1) An exceptionally high degree of expertise relating to Management Studies and related fields.
- (2) The ability to conduct independent research activities as researchers relating to Management Studies and related fields.
- (3) The ability to discover, analyze, and solve problems themselves based on flexible thinking, deep insight and the exceptionally high degree of expertise and research skills acquired.
- (4) The ability to actively collaborate with people in other specialties or from other cultures in areas that require expertise based on an exceptionally high degree of expertise and research skills acquired, and with strong ethical principles.

## **Curriculum Policy**

1. In the master's program, the curriculum is based on courses in the liberal arts, basic academic ability, and specialist knowledge gained in undergraduate study and organized so as to realize the purpose determined by the Graduate School, through specialist courses, liberal arts courses, and research guidance.
  - (1) In the specialist courses, in order to acquire more advanced expertise, lecture subjects such as advanced courses and exercises are allocated in a focused and effective manner.
  - (2) In the liberal arts courses, lecture subjects are allocated that foster a correct understanding of ethics and broad and deep academic knowledge of the field of study and that cultivate communication skills and a greater sense of global literacy.
  - (3) Research guidance helps students acquire the ability to communicate their own research accurately and effectively through reviews of literature from Japan and overseas, discussions with their academic supervisors and other researchers, delivery of presentations at academic conferences in Japan and abroad, and publication of academic papers. Moreover, research guidance helps students to develop the ability to conduct research and development requiring specialization, elevate their problem-solving skills, and cultivate their ability to play an active role both at home and abroad as researchers or highly skilled professionals with international

perspectives.

2. In the professional degree program, in order to realize the aim of fostering human resources who will become entrepreneurs and CXOs\* who are highly specialized professionals with a high level of practical expertise, ethics, and international perspectives and who can respond quickly and innovatively to rapid changes in society (industry, etc.) and can lead society, the Department will aim for the practical fusion of "science technology" and "management", collaborate with "Tokyo University of Science Graduate School Curriculum Collaboration Council" and develop lecture courses and organize and implement curricula that respond to social needs and seeds for students with a diverse range of backgrounds and that will cultivate "global perspectives" and "high professional, ethical standards".

(1) In response to rapidly changing social needs and seeds, lecture courses are developed setting areas of education and research based on the human resources development aims of the program. The curriculum will be organized and implemented by dividing the developed lectures into Core Courses, Basic Courses, Track Courses, Social Collaboration Courses, and Practical Courses. The developed lecture courses are intensively and effectively allocated for the organization and implementation of the curricula.

(2) In Core Courses, Basic Courses, Track Courses, and Social Collaboration Courses, in order to constantly grasp the social situation and gradually acquire more advanced, up-to-date practical specialized knowledge, prioritized and effective subjects will be allocated to the education and research areas.

(3) In the Practical Courses, in order to achieve the individual students' objectives based on the human resource development aims, practical lecture courses will be allocated to raise the quality of practical education, cultivating multifaceted communication skills that combine research and analysis skills, the ability to discover and solve problems, conceptual abilities, cognitive abilities, and "visionary thinking". Thus, lectures from prominent academics, corporate executives, and other professionals, theorization of practice, corporate research activities, various interviews, and other activities will be conducted.

(4) In the practical courses, training will be provided to develop the ability to play an active role as a highly specialized professional with a global perspective both at home and abroad.

\*CXO: A collective term for CEO, COO, CTO, CFO, CMO, and others responsible for operations and functions in corporate activities.

3. In the doctoral program, students will build on the advanced specialized knowledge and research

and development skills acquired in the master's program. The curriculum is organized to achieve the objectives determined by the Graduate School through specialist subjects and research guidance.

- (1) In the specialist courses, in order to acquire more advanced expertise, lecture subjects such as advanced courses and exercises are allocated in a focused and effective manner.
- (2) Research guidance helps students acquire the ability to communicate their own research accurately and effectively through reviews of the literature from Japan and overseas, discussions with their academic supervisors and other researchers, delivery of presentations at academic conferences in Japan and abroad, and publication of academic papers. Moreover, research guidance helps students to develop the ability to conduct research and development requiring specialization, elevate their problem-solving skills, and cultivate the ability to play an active role both at home and abroad as highly skilled professionals of their field of expertise with international perspectives.

### **Admissions Policy**

We aim to attract the types of persons described below through a variety of selection methods based on the University's founding spirit, meritocratic tradition and educational research philosophy.

1. The master's degree program seeks those who, based on the basic academic ability and wide range of liberal arts acquired in the bachelor's degree program, are motivated to discover and solve problems themselves, who aim to acquire the skills required of researchers and highly specialized professionals, and who are willing to conduct research in collaboration with a diverse range of people.
2. The professional degree program seeks those who have a certain level of practical experience after graduation or completion of a bachelor's, master's, or doctoral program, who aim to acquire a deep academic knowledge and superior ability to pursue an occupation that requires a high level of expertise in a specialized field, who are motivated to discover and solve problems themselves in a specialized field, who aim to acquire the skills required of highly specialized professionals, who are motivated to study independently in collaboration with a diverse range of people, and who are motivated to use their practical and academic knowledge and skills to play an active role in society with global perspectives.
3. The doctoral program seeks those who are motivated to independently conduct creative research based on the expertise and research skills acquired up to master's program or professional degree program level.
4. Those who are motivated to work with international perspectives in society, based on their expertise and liberal arts.

Types of abilities required and the method of evaluation of those abilities in each entrance examination:

**(General entrance examination)**

Master's and doctoral programs

The university seeks those who have specialist knowledge, English ability, thinking skills, and communication skills commensurate with the characteristics of the Graduate School and those who have the determination to conduct independent research. In the master's program, candidates will be selected through an examination of documents submitted, written examination (management and related specialist subjects, foreign language), qualifications, officially recognized qualification results, and interview. Doctoral program candidates will be selected through an examination of documents submitted, written examination (management and related specialist subjects, foreign language), and oral examination of their master's thesis.

Professional degree program

For the professional degree program, the university seeks people who have specialist skills, including practical knowledge as highly specialized professionals, analytical skills, logical abilities, perception and imagination, management skills and communication skills commensurate with the characteristics of the Graduate School. With an emphasis on ensuring diversity, candidates' area of specialization in their undergraduate school is not considered. The selection process is carried out through an examination of documents submitted, and interview.

**(Recommendation entrance examination)**

For the master's program, the university seeks people who have specialist knowledge, English ability, thinking skills, and communication skills commensurate with the characteristics of the Graduate School and those who have the determination to conduct independent research. The selection process is carried out through an examination of documents submitted, short essay, and interview.

**(Special selection for working people, foreign student entrance examination)**

Master's and doctoral programs

This selection is for those who have acquired experience in research institutes or companies, have a positive attitude toward learning, and/or have skills acquired abroad. Master's program candidates will be selected through an examination of documents submitted, written examination (management and related specialist subjects, foreign language) and interview. For the professional degree program, the general entrance examination is mainly aimed at working people, so no special selection for mature students or entrance examinations for foreign students is conducted. Doctoral program candidates will be selected through an examination of documents submitted, written examination (management and related specialist subjects, foreign language), and oral examination of their master's thesis.

**(Special admissions based on corporate recommendation)**

Professional degree program

Candidates who are recognized as excellent by companies or professional organizations, etc., that endorse the human resource development and other objectives and the various policies of the program, and who have excellent aptitude, including advanced practical knowledge, analytical skills, logical abilities, perception and imagination, management skills and communication skills, and who understand the program's objectives regarding human resources development. Those candidates will be selected through an examination of documents submitted and interview.