

Graduate School of Management

Diploma Policy

1. The master's program in the Graduate School of Management aims to train researchers with a high level of expertise and knowledge of ethics. It also aims to create researchers who are highly professional and hold the ability to contribute to society and an international perspective. Successful candidates will have attended courses for a specified period and have acquired the necessary credits in the Graduate School of Management. Those who have passed a final examination on their master's degree thesis will receive a master's degree (Master of Management).

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 cultivate highly specialized professionals with advanced practical expertise in the field of technology management, high ethical standards, the ability to contribute to society, and a global perspective. These individuals will be equipped to respond rapidly and innovatively to the dramatic changes in society (including industry) and lead societal transformation. Students that enroll in the program for the prescribed period, acquire the knowledge and abilities mentioned below, and earn the required credits as the graduate school has stipulated will be recognized as having completed the program, and will be awarded the degree of Master of Technology Management (professional).
 - (1) Advanced practical expertise in technology management and related fields.
 - (2) The ability to identify issues related to innovation, analyze their causes and mechanisms, and propose systematic solutions.
 - (3) The ability to play a proactive role in professional settings by applying their advanced practical expertise, capabilities and general education, as well as high ethical standards and a global outlook.
 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 with knowledge of ethics and the ability to contribute to society in their field of specialization. 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. The professional degree program, with the goal of fulfilling the human resource development aims outlined in the Diploma Policy, collaborates with the Tokyo University of Science Graduate School Curriculum Collaboration Council, responding to social needs and seeds. We also develop

and implement curricula that enable the creation of individualized study programs tailored to each student's career path and capabilities, so that they can achieve their learning objectives.

- (1) Based on the program's human resource development aims, the department established eight areas of education—developmental knowledge, innovative knowledge, entrepreneurial knowledge, managerial knowledge, industrial knowledge, economic knowledge, financial knowledge, and governance knowledge—to guide the development of courses. Courses are categorized into foundational courses, specialized courses, social collaboration courses, and exercise courses, and are allocated effectively for the organization and implementation of the curricula.
 - (2) The foundational courses provide the foundation necessary for integrating technology and management, and support study and practice in the specialized courses, social collaboration courses, and exercise courses.
 - (3) The specialized and social collaboration courses are arranged to ensure balance across the eight areas of education, which allows students to progressively acquire advanced, up-to-date practical expertise aligned with the diploma policy, ensuring effective and focused acquisition of knowledge in one or more of the eight areas.
 - (4) The exercise courses help students achieve individual goals based on the program's human resource development aims. They include presentations by distinguished scholars and business leaders, theorization of practice, corporate research, and interviews with executives, etc. These courses are designed to comprehensively cultivate capabilities related to issue identification, cause analysis, solution design, and practical execution. Courses that improve the quality of practical education are arranged to nurture the ability required to play proactive roles both domestically and internationally as highly specialized professionals.
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 research guidance and courses in the liberal arts.
- (1) 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.

- (2) Courses in the liberal arts are available, which support the high degree of academic knowledge, ethics and practical ability necessary for students to carry out research and development as independent researchers or highly skilled professionals.

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 individuals who have completed a bachelor's, master's or doctoral program and possess either practical experience or distinguished achievements equivalent to such experience. Applicants must demonstrate outstanding qualities regardless of their academic background and career path.
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

With an emphasis on ensuring diversity, applicants are selected through application screening, interviews and the like, irrespective of their academic field of study. Candidates must possess

practical knowledge and other specialized capabilities suited to the characteristics of the Graduate School of Management. They must also have excellent capabilities in analysis, logic, thinking and creativity, management and communication, and have a firm grasp of the program's human resource development aims.

(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.

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

We also select applicants recognized as outstanding by companies or professional organizations that support the goals and policies of this program through document screening, interviews and similar processes. Candidates must demonstrate advanced practical knowledge and other specialized skills as well as capabilities in analysis, logic, thinking and creativity, management and communication, and have a firm grasp of the program's human resource development aims.