

Diploma Policy of the Graduate School of Science, Technology and Innovation

Master's Program

In the current world, leaders who can promote innovation are sought by various industries. In light of this situation, the Graduate School of Science, Technology and Innovation aims to foster science-oriented individuals with research capabilities spanning a broad range of advanced fields and the entrepreneurial skills necessary to manage every stage in the process of developing and marketing academic research results, including an understanding of intellectual property and product design engineering. In order to achieve these objectives and ensure that we provide a world-class standard of education, the Graduate School of Science, Technology and Innovation awards degrees in line with the following policies:

Degree: Master of Science, Technology and Innovation

Based on the Kobe University Diploma Policy, the Graduate School of Science, Technology and Innovation awards degrees in line with the following policies:

- Students shall study at the Graduate School of Science, Technology and Innovation for at least 2 years, and must earn the credits required for course completion. Upon receiving the necessary research guidance, they must also pass a review of their master's degree thesis and a final exam.
- Prior to graduating, students of this Graduate School are expected to acquire the following skills in addition to the abilities set out in the Kobe University Diploma Policy.

Humanity

- High ethical standards and the ability to solve problems through cooperation with people from a range of backgrounds.
- The ability to take appropriate action based on a fundamental understanding of the impact of science and technology on society.

Creativity

- The ability to approach problems from a multi-faceted, interdisciplinary perspective.
- The ability to identify the issues involved in creating new values for society in science and technology, and to work towards solving these issues.

International Awareness

- The ability to engage in research with a global outlook, and to express the results of this research in a clear and logical fashion.

Specialization

- The ability to engage in research from a specialist and interdisciplinary perspective, based on the acquisition of advanced expertise within their chosen research field as well as core knowledge of other research areas and entrepreneurship.

Doctoral Program

In the current world, leaders who can promote innovation are sought by various industries. In light of this situation, the Graduate School of Science, Technology and Innovation aims to foster science-oriented individuals with research capabilities spanning a broad range of advanced fields and the entrepreneurial skills necessary to manage every stage in the process of developing and marketing academic research results, including an understanding of intellectual property and product design engineering. We intend to produce human resources who can create innovation as “independent entrepreneurs” launching a new venture, or as “intra-firm entrepreneurs” in existing companies and organizations, and who can conduct research or education related to scientific and technological innovations.

In order to achieve these objectives and ensure that we provide a world-class standard of education, the Graduate School of Science, Technology and Innovation awards degrees in line with the policies below.

The students are expected to acquire the following abilities: Enhanced Humanity, International Awareness, Specialization, and Creativity.

Degree: Doctor of Philosophy in Science, Technology and Innovation

Based on the Kobe University Diploma Policy, the Graduate School of Science, Technology and Innovation awards degrees in line with the following policies.

- Students shall study at the Graduate School of Science, Technology and Innovation for at least 3 years, and must earn the credits required for course completion. Upon receiving the necessary research guidance, they must also pass a review of their doctoral degree thesis and a final exam.

Regarding the period of attendance, students who have achieved outstanding research results may be eligible to complete the Doctoral Program in less than 3 years.

- Prior to graduating, students of this Graduate School are expected to acquire the following skills in addition to the abilities set out in the Kobe University Diploma Policy.

Humanity

- High ethical standards and the ability to solve problems through cooperation with people from a range of backgrounds.

- The ability to take appropriate action based on a fundamental understanding of the impact of science and technology on society.

Creativity

- The ability to achieve research results that are expected to lead to a scientific and technological breakthrough based on advanced expertise within their research field. Students should also be able to design concepts (innovation ideas) for new products or services with economic and social value based on these research results. On the other hand, students should also obtain the ability to come up with the focal topics for scientific and technological breakthroughs that will lead to innovative ideas.
- The ability to produce concrete innovation from their ideas by formulating practical and high-quality innovation strategies, including those for the launch of a new venture or business.

International Awareness

- The ability to engage in research with a global outlook, and to express the results of this research in a clear and logical fashion.

Specialization

- The ability to make creative breakthroughs in scientific and technological fields through multidimensional research that combines knowledge of the following areas: Bioproduction, Advanced Membrane Technology, Advanced Information and Communication Technology, and Advanced Medical Science.