Graduate School of Science and Technology

Degree Programs in Pure and Applied Sciences

Master's Program in Mathematics	Doctoral Program in Mathematics
Master's Program in Physics	Doctoral Program in Physics
Master's Program in Chemistry	Doctoral Program in Chemistry
Master's Program in Engineering Sciences	Doctoral Program in Engineering Sciences
Subprogram in Applied Physics	Subprogram in Applied Physics
Subprogram in Materials Science	Subprogram in Materials Science
Master's Program in Materials Innovation	Subprogram in Materials Science and Engineering
	Doctoral Program in Materials Innovation

Degree Programs in Systems and Information Engineering

Master's Program in Policy and Planning Sciences	Doctoral Program in Policy and Planning Sciences
Master's Program in Service Engineering	Doctoral Program in Risk and Resilience Engineering
Master's Program in Risk and Resilience Engineering	Doctoral Program in Computer Science
Master's Program in Computer Science	Doctoral Program in Intelligent and Mechanical Interaction Systems
Master's Program in Intelligent and Mechanical Interaction Systems	Doctoral Program in Engineering Mechanics and Energy
Master's Program in Engineering Mechanics and Energy	Doctoral Program in Life Science Innovation (Bioinformatics)
Master's Program in Life Science Innovation (Bioinformatics)	Doctoral Program in Empowerment Informatics

Degree Programs in Life and Earth Sciences

Master's Program in Biology

Master's Program in Agro-Bioresources Science and Technology

Master's Program in Geosciences

Master's Program in Environmental Sciences

Master's Program in Mountain Studies

Master's Program in Life Science Innovation (Food Innovation)

Master's Program in Life Science Innovation (Environmental Management)

Master's Program in Life Science Innovation (Biomolecular Engineering)

Doctoral Program in Biology

Doctoral Program in Agricultural Sciences

Subprogram in Advanced Agricultural Technology and Science cooperated with NARO

Doctoral Program in Life and Agricultural Sciences

Doctoral Program in Bioindustrial Sciences

Doctoral Program in Geosciences

Doctoral Program in Environmental Studies

Doctoral Program in Life Science Innovation (Food Innovation)

Doctoral Program in Life Science Innovation (Environmental Management)

Doctoral Program in Life Science Innovation (Biomolecular Engineering)

Joint Master's Degree Program in Sustainability and Environmental Sciences

Educational Objectives of Graduate School of Science and Technology

In the new interdisciplinary realms in which systems, information and society are merged and combined with the foundation and application of scientific, engineering and agricultural studies that support the overall sciences and technologies, the Graduate School of Science and Technology has been designed to cultivate researchers, university faculty members and highly specialized professionals of ingenuity and of action who can identify and solve our complex and difficult problems.

Competences specified by the Graduate School of Science and Technology

Master's Program	1. Research ability	Basic knowledge and ability to set research tasks and carry out a research plan in the areas of science and technology
	2. Specialized knowledge	Advanced specialized knowledge and command of the areas of science and technology
	3. Ethical view	Ethical view and ethical knowledge appropriate for persons with basic research ability or highly specialized professionals in the areas of science and technology
Doctoral Program	1. Research ability	Ability to set leading-edge research tasks based on up-to-date specialized knowledge and carry out a research plan independently in the areas of science and technology
	2. Specialized knowledge	Leading-edge and advanced specialized knowledge and command of the areas of science and technology
	3. Ethical view	Ethical view and ethical knowledge appropriate for researchers or highly specialized professionals in the areas of science and technology and deep ethical knowledge about the specific area of expertise