

Admissions Policy of Department

[School of Science]

School of Science-Department of Mathematics

Bachelor	<ul style="list-style-type: none"> ● Those who are curious and inquisitive about mathematics ● Those who are able to contemplate logically and tenaciously ● Those who are motivated to utilize their mathematical abilities to contribute to society
Master	<ul style="list-style-type: none"> ● Those who are inquisitive about the roots of mathematics ● Those who are able to acquire the fundamental concepts and ways of thinking in mathematics, as well as the ability to apply them ● Those who can contemplate logically and concentrate on tackling problems ● Those with the basic language skills necessary for the Mathematics Major
Doctor	<ul style="list-style-type: none"> ● Those with the academic abilities, practical problem solving skills and creativity necessary for pursuing mathematics research ● Those who have the language skills required for a successful global career

School of Science-Department of Physics

Bachelor	<ul style="list-style-type: none"> ● Those who have a strong curiosity to deeply understand how the natural world works ● Those who are willing to deepen their understanding not only through passive learning but also through discussions and independent study ● Those who have sufficient academic ability to learn at university level, and who have the desire to gain new knowledge and skills ● Those who have a desire to gain an international perspective through study
Master	<ul style="list-style-type: none"> ● Those who are inquisitive about the underlying principles of physics ● Those who are able to acquire the fundamental concepts and ways of thinking in physics, as well as the ability to apply them ● Those who can contemplate logically and concentrate on tackling problems ● Those with the basic language skills necessary for specialized education ● Those who are motivated to investigate the natural sciences and contribute to the development of science and technology
Doctor	<ul style="list-style-type: none"> ● Those with the academic abilities, practical problem-solving skills, and creativity necessary for pursuing physics research ● Those who have the language and discussion skills necessary for pursuing international research activities

School of Science-Department of Chemistry

Bachelor	<ul style="list-style-type: none"> ● Those who possess a strong curiosity to learn in depth about a wide variety of phenomena related to materials ● Those who are able to learn not just passively, but also independently, and debate with teaching staff and friends ● Those who have sufficient academic ability to learn at university level
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Master	<ul style="list-style-type: none"> ● Those with a curiosity and inquisitiveness about the various phenomena related to the material world ● Those who have already acquired fundamental concepts and ways of thinking in chemistry ● Those who can contemplate logically and concentrate on tackling problems ● Those who have the desire to explore various phenomena on an atomic and molecular level and contribute to the development of science and technology ● Those who have basic language abilities required for specialized education
Doctor	<ul style="list-style-type: none"> ● Those with a curiosity and inquisitiveness about the various phenomena related to the material world ● Those who have already acquired fundamental concepts and ways of thinking in chemistry, as well as the ability to apply them ● Those who can contemplate logically and concentrate on tackling problems ● Those who have the desire to work independently on new challenges in chemistry, and contribute to the advancement of science and technology, and society ● Those who have the language skills necessary for participating in an international arena

School of Science-Department of Earth and Planetary Sciences

Bachelor	<ul style="list-style-type: none"> ● Those who have a strong curiosity to understand how the natural world works ● Those who are determined to understand the natural world scientifically ● Those who have sufficient academic ability to learn at university level ● Those who are able to communicate effectively with other students and teachers
Master	<ul style="list-style-type: none"> ● Those with a scientific curiosity about the various phenomena related to the Earth, planets, and space ● Those who already have basic academic abilities in mathematics, physics, chemistry, earth sciences, etc. ● Those who can think scientifically, based on logic and quantitative evaluation ● Those who have basic language abilities required for specialized education
Doctor	<ul style="list-style-type: none"> ● Those with a scientific curiosity about the various phenomena related to the Earth, planets, and space ● Those who already have basic academic abilities in mathematics, physics, chemistry, earth sciences, etc. ● Those who can individually conduct novel research that is based on scientific thinking using logic and quantitative evaluation ● Those who have basic language abilities necessary to play an active role in the international arena

[School of Engineering]

School of Engineering-Department of Mechanical Engineering

Bachelor	<ul style="list-style-type: none"> ● Those who have high aspirations to contribute to the development of humanity and society through mechanical engineering ● Those who are eager to study mechanical engineering and related fields in order to expand their abilities ● Those who have a solid fundamental academic ability with an emphasis on mathematics and physics to study mechanical engineering ● Those who can think logically and have basic communication skills to communicate with others
Master	<ul style="list-style-type: none"> ● Those who are motivated to contribute to society through their expertise in mechanical engineering ● Those who have fundamental knowledge of engineering with a focus on mechanical engineering and based on this can think and express ideas logically ● Those who have rich and extensive knowledge and can flexibly grasp ideas from various viewpoints ● Those who have the language and writing skills necessary for conducting engineering research and technology development in a global arena ● Those who have an interest in the unexplored areas of research of mechanical engineering and the drive to tackle this research
Doctor	<ul style="list-style-type: none"> ● Those who have high-level advanced knowledge of mechanical engineering as well as an understanding of the many complex engineering issues necessary to identify the various aspects of problems, and use this knowledge to find practical solutions to problems ● Those who can incorporate new ideas and findings to their specialized knowledge of mechanical engineering and put this to use ● Those who have the fundamental communication skills necessary to be globally successful ● Those who have a strong desire to take the lead to push back the frontiers of mechanical engineering ● Those who have the drive to exhibit leadership in the development of a global community while maintaining high ethical values

School of Engineering-Department of Systems and Control Engineering

Bachelor	<ul style="list-style-type: none"> ● Those who aspire to contribute to the development of humanity and society through systems and control engineering ● Those with the desire to study systems and control engineering and related fields in order to improve their abilities ● Those who have a solid academic foundation — with a focus on mathematics and physics — on which to study systems and control engineering ● Those with logical reasoning and basic communication skills
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Master	<ul style="list-style-type: none"> ● Those who are motivated to contribute to society by utilizing their expertise related to systems and control engineering ● Those who have basic academic ability related to engineering, particularly systems and control engineering, and who can think and express themselves logically based on this ● Those who have diverse and extensive knowledge, and who can flexibly understand ideas from various viewpoints ● Those who have the language and writing skills necessary for conducting engineering research and engineering development with an international perspective ● Those who have a curiosity for unknown research areas related to systems and control engineering, and who have the courage and energy to take on this research
Doctor	<ul style="list-style-type: none"> ● Those with the high level of expertise in engineering necessary for a multifaceted understanding of problems, and who have practical problem-solving ability based on this, as well as a high level of expertise in systems and control engineering ● Those who can incorporate new ideas and findings into their specialized knowledge of systems and control engineering and put this to use ● Those who have the communication skills necessary to be globally successful ● Those who have the drive to lead and pioneer the frontier of systems and control engineering ● Those with high ethical values and motivation to lead the development of the global community

School of Engineering-Department of Electrical and Electronic Engineering

Bachelor	<ul style="list-style-type: none"> ● Those who are motivated to contribute to the development of humanity and society through electrical and electronic engineering ● Those who are eager to actively learn about electrical and electronic engineering and its related fields to expand their abilities ● Those who have a solid fundamental academic ability with an emphasis on mathematics and physics to study electrical and electronic engineering ● Those who can think logically and have basic communication skills to communicate with others
Master	<ul style="list-style-type: none"> ● Those with the drive to contribute to society using their expertise in the field of electrical and electronic engineering ● Those who have fundamental knowledge of engineering with a focus on electrical and electronic engineering, and can reason and express their thinking in a logical manner ● Those with rich and extensive knowledge and can flexibly grasp ideas from various viewpoints ● Those with the language and writing skills necessary for conducting engineering research and technology development in a global arena ● Those with an interest in the unexplored areas of research of electrical and electronic engineering and the drive to tackle this research

Doctor	<ul style="list-style-type: none"> ● Those who have high-level advanced knowledge of electrical and electronic engineering as well as an understanding of the many complex engineering issues necessary to identify the various aspects of problems, and use this knowledge to find practical solutions to problems ● Those who can incorporate new ideas and findings to their specialized knowledge of electrical and electronic engineering and put this to use ● Those with the fundamental communication skills necessary to be globally successful ● Those with a strong desire to take the lead to push back the frontiers of electrical and electronic engineering ● Those with the drive to exhibit leadership in the development of a global community while maintaining high ethical values
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School of Engineering-Department of Information and Communications Engineering

Bachelor	<ul style="list-style-type: none"> ● Those who aspire to contribute to the development of humanity and society through information and communications engineering ● Those with the ambition to study information and communications engineering and related fields for personal growth ● Those possessing solid fundamental academic ability with an emphasis on mathematics and physics to study information and communications engineering ● Those with logical reasoning and basic communication skills
Master	<ul style="list-style-type: none"> ● Those with the drive to contribute to society using their expertise in information and communications engineering ● Those who have fundamental knowledge of engineering with a focus on information and communications engineering, and can reason and express themselves in a logical manner ● Those with rich and extensive knowledge and who can flexibly grasp ideas from various viewpoints ● Those with the language and writing skills necessary for conducting engineering research and technology development in global arenas ● Those with an interest in unexplored areas of information and communications engineering and the drive to undertake this research
Doctor	<ul style="list-style-type: none"> ● Those with a high level of expertise in information and communications engineering, broad knowledge of engineering required for a multifaceted understanding of problems, and practical problem-solving skills ● Those who can incorporate new ideas and findings to their specialized knowledge of information and communications engineering and put them to use ● Those with the fundamental communication skills necessary to be globally successful ● Those with the ambition to lead at the frontier of information and communications engineering ● Those with the drive to exercise leadership in the development of international society while maintaining high ethical standards

School of Engineering-Department of Industrial Engineering and Economics

Bachelor	<ul style="list-style-type: none"> ● Those who aspire to contribute to the development of humanity and society through industrial engineering and economics ● Those with the desire to vigorously study industrial engineering and economics and related fields to develop their abilities ● Those with a strong interest in social problems and acquiring a solid academic foundation based on mathematics in order to study industrial engineering and economics ● Those with logical reasoning and basic communication skills
Master	<ul style="list-style-type: none"> ● Those with the aspiration to contribute to society using expertise in industrial engineering and economics ● Those who have fundamental knowledge of both (1) engineering with a focus on industrial engineering and economics, and (2) the humanities and social sciences and based on these can reason logically and communicate with others ● Those who have broad and rich knowledge and can view matters from all angles ● Those with the language and writing skills necessary for conducting engineering research and technology development from an international perspective ● Those with an interest in unknown research areas of industrial engineering and economics and the courage and energy to tackle this research
Doctor	<ul style="list-style-type: none"> ● Those with (1) a high level of expertise in industrial engineering and economics, (2) broad knowledge of engineering required for a multifaceted understanding of problems, and (3) practical problem-solving skills ● Those who can integrate and creatively utilize new additions to the industrial engineering and economics knowledge base ● Those with the communications skills required at the international level ● Those with the drive to lead at the frontier of industrial engineering and economics ● Those with high ethical values and motivation to lead the development of the global community

[School of Materials and Chemical Technology]

School of Materials and Chemical Technology-Department of Materials Science and Engineering

Bachelor	<ul style="list-style-type: none"> ● Those who have an interest in phenomena related to substances and materials, and the drive to explore and understand the unknown ● Those who have the desire to contribute to the harmonious development of humankind with society and nature through their knowledge of materials science
Master	<ul style="list-style-type: none"> ● Those who have the desire and determination to tackle new research areas in the field of materials science and materials engineering ● Those who have aspirations to contribute to the development of society through their knowledge of materials science and materials engineering

Doctor	<ul style="list-style-type: none"> ● Those who have the desire to contribute widely through society using their advanced specialized knowledge of materials science and materials engineering as well as their problem solving skills ● Those who have the aspiration and drive to deepen their learning of materials science and materials engineering, open new frontiers, and systematize this new knowledge
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School of Materials and Chemical Technology-Department of Chemical Science and Engineering

Bachelor	<ul style="list-style-type: none"> ● Those who have an interest in a broad range of phenomena related to applied chemistry, and who have a passion for understanding and elucidating the unknown ● Those who are eager to use their knowledge of applied chemistry to contribute to the development of mankind and society while keeping in harmony with the environment
Master	<ul style="list-style-type: none"> ● Those who have the determination to tackle new research areas in chemical science and engineering ● Those who are motivated to contribute to the development of society by utilizing their knowledge of chemical science and engineering
Doctor	<ul style="list-style-type: none"> ● Those who are eager to contribute to society in many ways through their expertise and problem-solving skills related to chemical science and engineering ● Those who have the strong desire and practical ability for setting new trends by deepening their study of chemical science and engineering, pioneering unexplored research areas, and systematizing this knowledge.

[School of Computing]

School of Computing-Department of Mathematical and Computing Science

Bachelor	<ul style="list-style-type: none"> ● Those who have an interest in logical and mathematical theories and approaches ● Those who have an interest in the principles and capabilities of computer systems and software
Master	<ul style="list-style-type: none"> ● Those who have an interest in the mathematical scientific structures behind logical and mathematic theoretical systems and phenomena ● Those who have basic knowledge of undergraduate math, its application fields, computer systems and programming
Doctor	<ul style="list-style-type: none"> ● Those who have a strong desire to explore the research subjects of computing, and who can independently grapple with problem solving ● Those who try to understand the mathematical structures hidden in various phenomena by modeling them ● Those who have the sufficient academic ability required for the theoretical and mathematical problem solving in computing

School of Computing-Department of Computer Science

Bachelor	<ul style="list-style-type: none"> ● Those who have an interest in the field of computer science, can actively study on their own, and can tackle new problems ● Those with a strong aspiration to contribute to the realization and development of an advanced information society by making use of their knowledge and technology of computer hardware and software
Master	<ul style="list-style-type: none"> ● Those who have an interest in broad areas of science and engineering, can study actively on their own, and can persistently and flexibly tackle new problems ● Those with the awareness to adequately model intelligent behavior and connect this to real problem solving ● Those with strong aspirations to contribute to the development of society through the creation of higher performance and easier to use computer systems
Doctor	<ul style="list-style-type: none"> ● Those who take on the challenge to solve new research problems concerning computer systems with a broad perspective and logical reasoning skills ● Those who can devise and implement new models without being constrained by conventional knowledge to solve various problems

[School of Life Science and Technology]

School of Life Science and Technology-Department of Life Science and Technology

Bachelor	<ul style="list-style-type: none"> ● Those who have learned fundamental concepts and ways of thinking in the natural sciences, as well as the ability to apply them ● Those who think logically and focus on tackling problems ● Those with basic language abilities required for specialized education in life science and technology ● Those with the desire to explore biological phenomena and have the drive to contribute to the development of science and technology
Master	<ul style="list-style-type: none"> ● Those who have basic academic ability in science and engineering and basic expertise in life science and technology, and who can reason and express themselves logically based on these attributes ● Those who have the language skills necessary for advancing research and technology development in life science and technology from an international perspective ● Those who possess strong interest in life science and technology research and ethical values
Doctor	<ul style="list-style-type: none"> ● Those who possess basic expertise in a wide variety of science and technology fields and advanced expertise in life science and technology necessary for pursuing related research ● Those who possess the advanced problem-defining and problem-solving skills necessary for pursuing life science and technology research ● Those who possess basic cultural and communication skills that are globally effective ● Those who revere life and have strong ethical values

[School of Environment and Society]

School of Environment and Society-Department of Architecture and Building Engineering

Bachelor	<ul style="list-style-type: none"> ● Those with sufficient academic ability in a range of fields, particularly in science and mathematics, as well as imagination, intellect, and creativity ● Those with interest in architecture, urban areas, and society; drive for solving problems; and high motivation for study in this field ● Those with aspirations to apply their skills to the further development of civilization and culture
Master	<ul style="list-style-type: none"> ● Those with academic ability in the fundamentals of architecture, cities, and environments, as well as in specialized areas ● Those able to grasp concepts from various perspectives, think logically, innovate, and express themselves ● Those with a strong desire to do research and explore the unknown ● Those with aspirations to understand the world of architecture and contribute to the development of society ● Those with the language skills required to engage in international research and innovation
Doctor	<ul style="list-style-type: none"> ● Those with academic ability in the fundamentals of architecture as well as in specialized areas ● Those able to grasp concepts from various perspectives, think logically, innovate, and express themselves ● Those with a strong desire to do research and explore the unknown ● Those with aspirations to understand the world of architecture and contribute to the development of society ● Those with the language skills required to engage in international research and innovation

School of Environment and Society-Department of Civil and Environmental Engineering

Bachelor	<ul style="list-style-type: none"> ● Those who possess broad, basic academic ability focused on science and engineering ● Those who can independently acquire new knowledge and skills, and possess the drive to actively tackle unfamiliar problems ● Those determined to contribute to the development of domestic and overseas social/economic activities and the improvement of human environments using knowledge of civil and environmental engineering
Master	<ul style="list-style-type: none"> ● Those who possess basic academic ability in science and engineering, and are able to think logically from multiple perspectives ● Those who possess broad knowledge related to civil engineering, social infrastructure, cities, and the environment, and the drive to actively learn and conduct research ● Those who possess the language skills necessary for advancing research and development from an international perspective ● Those who wish to contribute to the formation of a safe society in harmony with the environment by using knowledge from civil and environmental engineering

Doctor	<ul style="list-style-type: none"> ● Those who possess basic academic ability in science and engineering, and are able to think creatively and logically from multiple perspectives ● Those with broad knowledge related to civil engineering, social infrastructure, cities, and the environment, and the drive to learn and conduct research independently ● Those who possess the language skills necessary for internationally valued research and development ● Those who wish to contribute to the development of technology in international society as an advanced engineer and researcher in the civil and environmental engineering field
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School of Environment and Society-Department of Transdisciplinary Science and Engineering

Bachelor	<ul style="list-style-type: none"> ● Those with sufficient basic academic ability in a wide range of academic fields centered on science and mathematics, and the basic ability to explain one's thoughts logically and clearly ● Those with interest in problems shared by global society and local communities, the will to solve them, and the desire to acquire related knowledge
Master	<ul style="list-style-type: none"> ● Those with interest in problems faced by global society and local communities and the desire to acquire related advanced knowledge in order to solve them ● Those with the ambition to master their own field of expertise and the flexibility to learn broadly about related fields ● Those with sufficient basic academic ability to learn advanced transdisciplinary science and engineering ● Those with basic skills in global communication, management, and collaboration
Doctor	<ul style="list-style-type: none"> ● Those with basic academic ability in science and engineering, knowledge of humanities and social sciences, and the ability to use them in practical problem solving ● Those who can add new findings to acquired specialized knowledge and make use of them freely ● Those with sufficient basic skills in global communication and collaboration ● Those with aspirations to pioneer intellectual frontiers and contribute to the sustainable development of humanity and society with globally viable leadership and specialist of science and technology

School of Environment and Society-Department of Social and Human Sciences

Master	<ul style="list-style-type: none"> ● Those eager to acquire a broad knowledge of the humanities, social sciences, and science and engineering, and to acquire advanced expertise in fields related to people, society, and science and technology ● Those who have a desire to master communication skills to connect society and science and technology, and those who understand diversity, humanities, and the importance of being able to connect society with science and technology ● Those keen to acquire value-creation skills that enable them to form advanced evaluation criteria independently and demonstrate their vision ● Those who have the hunger to acquire problem-solving skills that enable them to creatively design the necessary structures and push forward with the implementation of those structures ● Those who have the ambition to be successful in a global society as a leader with value-creation, problem-solving skills and international perspective
Doctor	<ul style="list-style-type: none"> ● Those who have a broad knowledge of the humanities, social sciences, and science and engineering, and advanced expertise in fields related to people, society, and science and technology ● Those who have the communication skills necessary for connecting people, society, and science and technology, and those who understand diversity, humanities, and the importance of being able to connect society with science and technology ● Those with value-creation skills that enable them to form advanced evaluation criteria independently and demonstrate their vision ● Those with problem-solving skills enabling them to creatively design the necessary structures and push forward with the implementation of those structures ● Those with the ambition to be successful in a global society as a leader with value-creation, problem-solving skills and international perspective, capable of pioneering and leading the frontier where science and technology merges with humanities and social sciences ● Those with the eagerness to acquire the ability for specialized academic research in close collaboration with related studies, and the willingness to put one's value-creation and problem-solving skills in to practice

School of Environment and Society-Department of Innovation Science

Doctor	<ul style="list-style-type: none"> ● Those who have specialized knowledge of specific fields, and capable of establishing logic built on facts on their own ● Those who have rich and extensive knowledge and can understand matters from various viewpoints ● Those who have experience of overcoming difficulties on their own to create new values ● Those who have the necessary communication skills to be globally successful ● Those overflowing with ambition and motivated to lead organizations and society
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School of Environment and Society-Department of Technology and Innovation Management

Professional Master	<ul style="list-style-type: none">● Those who can use knowledge acquired through learning and experience, consider the existing conditions, and based on this, think and express thoughts in a logical and objective manner● Those who have rich and extensive knowledge and can understand matters from various viewpoints● Those who have the necessary communication skills to be globally successful● Those overflowing with ambition and motivated to lead society
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