

TOKYO METROPOLITAN UNIVERSITY

University Guidebook
2026



Pioneering the global future from Tokyo through the power of scholarship

Tokyo Metropolitan University is the only university operated by the Tokyo Metropolitan Government. It leverages a unique position to provide an education that nurtures human resources who can play an active role in responding to societal changes and to promote varied kinds of basic and applied research as well as research into issues in major metropolitan areas. These activities will contribute to the development of Tokyo and pioneer the global future.



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METROPOLITAN
UNIVERSITY

University Guidebook 2026

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Message from the President



OHASHI Takaya

President
Tokyo Metropolitan University

Attentive education and research guidance will help develop your flexible intelligence

As the only comprehensive university established by the Tokyo Metropolitan Government, Tokyo Metropolitan University values its relationship with the government and people of Tokyo, and its important mission is to advance human knowledge by promoting basic and applied research in a wide range of fields.

Under the Vision, "Pioneering the global future from Tokyo through the power of scholarship," TMU will strengthen its research capabilities and accelerate internationalization. The aim of these programs is the growth of our students. Taking advantage of the close relationships between students and faculty staff and between students themselves, we will make every effort to provide attentive education and research guidance that will help develop your flexible intelligence.

While we face problems, such as global warming, armed conflicts around the world, and infec-

tious diseases, which raise concerns about the future, advances in information technology and artificial intelligence are opening the door to a brighter future society. In the midst of this situation, learning and studying are what make us human, and the wisdom of mankind should be exercised to overcome difficulties and pioneer the future. To this end, we will promote learning and research more vigorously than ever before.

Our campus, where TMU's knowledge is concentrated, is blessed with a rich natural environment despite its location in the global city of Tokyo. Experience cutting-edge research and draw strength from meeting people from around the world engaging in such research so you can spread your wings into the future.

We will do our utmost to support you in your endeavors.

Our grand vision for the future

1

Positive synergy between advanced research and quality education

Our faculty of exceptional researchers will enhance the University's positive synergy between advanced research and quality education by working closely with our outstanding students.

2

Encouraging a commitment to lifelong learning and fostering the ability to collaborate with others to create new values

We draw a diverse body of diligent students who study a broad range of academic fields. Our students are encouraged to engage in close dialogue with faculty and their peers to broaden their views and enhance their ability to think in greater depth. They also learn to proactively set goals for themselves and collaborate with others to create new values.

3

A campus with great diversity and a rich learning environment

We are committed to creating a community where a diverse group of individuals of different nationalities, cultural backgrounds, gender, age, and levels of physical ability study together in an atmosphere of mutual respect. We also provide opportunities for the community and people in and around Tokyo to continue their lifelong education.

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HOT TOPICS

Featured Research

CHECK!



Professor

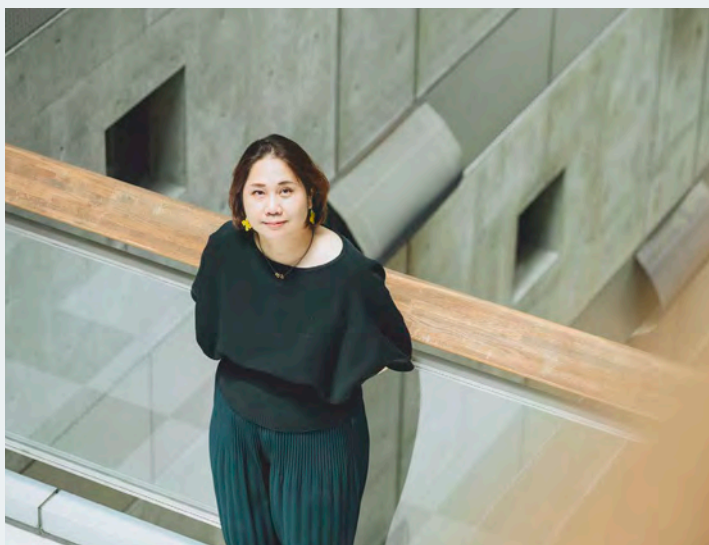
MAKIKO
Matsuda

Faculty of Humanities and Social Sciences,
Graduate School of Humanities and Sciences

Doctor(Academic) Hitotsubashi University



Looking to identify ‘difficulty of living’, with the perspective of ‘Japanese language Communication’. Matsuda professor at faculty of human and social sciences suggests flexible and free Japanese Language Communication



In short, my study is the ‘study of communication in contact zones’. How minorities secure their spaces in certain places. Or how majorities in those places co-exist with minorities. Those zones where negotiations of those relationships are noticeable are called ‘contact zones’.

For example, how minorities are living and how they are feeling ‘difficulty of living’. If they are living happily, how they reached to that happiness. We are studying those themes from the perspective of Japanese language.

People can be unhappy or happy from education and learning of languages. If you rely on rules or correct answers too heavily, you would not be able to accept yourself of others that do not follow them, making involved

people unhappy. I think that recognizing various way of using Japanese languages and various identities each other and building societies by interactions such as conversations, would bring people closer to free and happy ways of living. Actual societies have a lot of contradictions and conflicts, but I believe that language education that creates societies where anyone live happily do exist.

I think that the significant difference of study of language education from other academics is ‘practice. Sociology or psychology mainly ‘study’ by grasping the phenomenon based on certain analysis frameworks. Studying language education has more ‘on-site feeling’. I think it is a collaborative and practical academy, where we would consider with people who use the languages and flexibly transform with them.

My ‘International collaborative study of Network for Translingual Japanese that contribute to designing mobile-based societies’, which I applied was selected as a ‘fundamental study(A)’ of Grants-in Aid for

Scientific Research.

In the modern world, where people and objects actively move among different cultures, focuses are on ‘common formats’ and educating people who can handle those, and it is difficult for languages and cultures to maintain their original forms. This is a study that questions how various languages and people from various countries and regions can interact, maintaining their local cultures and values. Through this study, not only myself but also foreign students may be able to relief difficulties of living in Japan.

For foreign students, Tokyo is one of the most ideal places to study with its accessibility to various cultures. In addition, many of teachers and students at Tokyo Metropolitan University are liberal, welcoming for conversations and inclusive. Learning at Tokyo Metropolitan University would be a chance not only to discover new charms of Japanese language, but also to question yourself.

Research & Education

Undergraduate Programs			Graduate Programs		
Faculty	Department		Graduate School	Department	
Humanities and Social Sciences	Human and Social Sciences		Humanities	Behavioral Social Sciences	
	Humanities			Human Sciences	
		Philosophy, History and Cultural Studies			
		Intercultural Studies			
Law	Law	Division of Law	Law and Politics	Division of Law	
		Division of Political Science		Division of Political Science	
			Law School		
Economics and Business Administration	Economics and Business Administration	Economics Program	Management	Business Administration Program	
		Business Administration Program		Economics Program	
				Finance Program	
Science	Mathematical Sciences		Science	Mathematical Sciences	
	Physics			Physics	
	Chemistry			Chemistry	
	Biological Sciences			Biological Sciences	
Urban Environmental Sciences	Geography		Urban Environmental Sciences	Geography	
	Civil and Environmental Engineering			Civil and Environmental Engineering	
	Architecture			Architecture and Building Engineering	
	Applied Chemistry for Environment			Applied Chemistry for Environment	
	Tourism Science			Tourism Science	
	Urban Science and Policy			Urban Science and Policy	
Systems Design	Computer Science		Systems Design	Computer Science	
	Electrical and Electronic Engineering			Electrical and Electronic Engineering	
	Mechanical Systems Engineering			Mechanical Systems Engineering	
	Aeronautics and Astronautics			Aeronautics and Astronautics	
	Industrial Art			Industrial Art	
Health Sciences	Nursing Sciences		Human Health Sciences	Nursing Sciences	
	Physical Therapy			Physical Therapy	
	Occupational Therapy			Occupational Therapy	
	Radiological Sciences			Radiological Sciences	
			Frontier Health Sciences		
			Health Promotion Sciences		

Graduate Schools



Graduate School of Humanities

The Graduate School of Humanities inherits the tradition and scholarship of the former Tokyo Metropolitan University Graduate School over the past half-century, and has newly established the fields of Language Sciences, Expressive Culture Studies, and Japanese Language Education, as well as a Master's Program in Clinical Psychology, separated from the Department of Psychology. The graduate school consists of four majors.

Department of Behavioral Social Sciences

Today, there is a growing need and expectation in the fields of industry, transportation, and culture to 1) provide historical and theoretical explanations of social structures and how they are changing, 2) conduct comparative research with other cultures and societies, and 3) conduct policy-oriented research on various social issues associated with internationalization and aging. Our department explores these issues in an interdisciplinary manner through three programs. Through Sociology, Social Anthropology, and Social Welfare studies, we study these issues in an interdisciplinary manner.



Department of Human Sciences

Our department consists of five programs.

In the Psychology Program, students study experimental psychology, cognitive psychology, developmental psychology, social psychology, and psychological measurement. In the Master's Program, students are recruited into either the Psychology Program or the Clinical Psychology Program, which was established separately. In the doctoral program, students are recruited into only one "Psychology Program," which includes clinical psychology. The "Clinical Psychology Program" aims to develop researchers and help them acquire practical expertise in clinical psychology as an advanced specialized education program in the master's program. The "Pedagogy Program" conducts theoretical and practical research and education on human resource development in educational policies and systems, school education, social education, and lifelong learning. The "Language Sciences Program" conducts research on linguistics as a natural science and on language based on generative grammar. The "Japanese Language Education Program" conducts research and education on Japanese linguistics, Japanese as a mother tongue, and teaching methods of Japanese as a second or foreign language.





Department of Philosophy, History and Cultural Studies

The department consists of three programs: Philosophy, History, and Cultural Studies.

The Philosophy Program covers two areas: philosophy and classics, including the various periods of Western philosophy from ancient Greece to modern Britain and America. The History Program integrates Japanese history, Eastern history, Western history, and archaeology. In the Cultural Studies Program, students engage in two main areas of study: methodologies for the theoretical analysis of visual culture, traditional and contemporary performing arts, music and musicology, and literature; and methodologies for critiquing cultural representations in light of contemporary debates about social order, power, the body, and media.



Department of Intercultural Studies

It consists of five specialized fields and two programs.

Japan-China Cultural Exchange Research Program: The main research topics of the Japanese language classes include the Japanese language, mythology and oral literary expression theory. Chinese language classes cover a wide range of fields and topics, including classical and modern Chinese language and literature, and Chinese culture.

European and American Cultural Exchange Study Program: In English classes, education and research is conducted on a wide range of topics related to the history and language culture of English-speaking countries such as the United Kingdom and the United States, including parts of Africa. In German classes, students study the culture and literature of German-speaking countries, as well as ideas such as cultural criticism and media theory. In French classes, students learn about French syntax from the Middle Ages to the present, French literature and thought from the early modern period to the modern era, and contemporary French thought.



Associate Professor

KAWAI
Hironao

Department of
Behavioral Social Sciences

The Asia-Pacific region with a focus on the ocean

Distribution of the Austronesian
Language Family



The vast distribution of the Austronesian language family stretches from Madagascar to the islands of Southeast Asia and Taiwan, and to the furthest reaches of Oceania, including Easter Island.



From “fragmented regional research” to “integrated ocean zone research”

The maritime Asia-Pacific region refers to a borderless region encompassing Japan's Nansei Islands, Taiwan, China's southern coastal region, Southeast Asian islands, and Oceania's islands. These lands also share the feature of being located in an “ocean world.” This research project's most distinctive characteristic is how it places relative emphasis on the ocean zone more than on the continent. By eliminating the regional research in which divisions were made according to conventional notions of continent-based regions such as countries or regions like East Asia, Southeast Asia, and Oceania, and instead emphasizing the perspective of the ocean, we aim to conduct new regional research in which multiple areas like East Asia, Southeast Asia, and Oceania can be dealt with simultaneously. Historically, the maritime

Asia-Pacific has been a region with vibrant mutual exchange of people, things, and information, and that trend has grown stronger and stronger in the 21st century. This research hub focuses on the “fluidity of people and things in island zones” and takes a particularly anthropological perspective from which we investigate and clarify the following: 1) the movement of peoples spanning East Asia, Southeast Asia, and Oceania; 2) the various influences of immigrating peoples on cultures, economies, and the environment; 3) changes in local societal life; and 4) the manifestations of this fluidity as seen in products and scenery.



Graduate School of Law and Politics

This graduate school aims to become a core research facility for law and political science in the 21st century. Based on our advanced research base in these areas, we strive to foster world-class researchers and reflect the results of their research in our advanced professional training programs.

Department of Law and Politics

*Division of Law /
Division of Political Science*

The Department of Law and Politics is divided into the Division of Law and the Division of Political Science, which have separate admission processes, classes, and awarded degrees. Both divisions comprise excellent staff and outstanding learning environments. Graduate students are provided with their own carrel to conduct their research. In addition to many small group seminars (2-4 students in each) held by professors in the department, both divisions hold comprehensive seminars, which encourage interdisciplinary debates among all participating graduate students and professors on affairs relating to present-day society, on a regular basis.



Law School

The Law School aims to develop human resources capable of dealing with the complex issues that arise in a metropolitan area like Tokyo. Classes range from academic theory by scholars to contemporary legal practice by practitioners such as judges, prosecutors, and lawyers. This allows students to receive a balanced and intensive education, to study independently, and to improve their legal skills. The Law School offers two courses: a two-year course mainly for those with a law degree, and a three-year course mainly for those without a law degree. Students graduating from either course will receive a Juris Doctor (J.D.) degree and will be eligible to sit for the National Bar Examination.



RESEARCH & ACTION

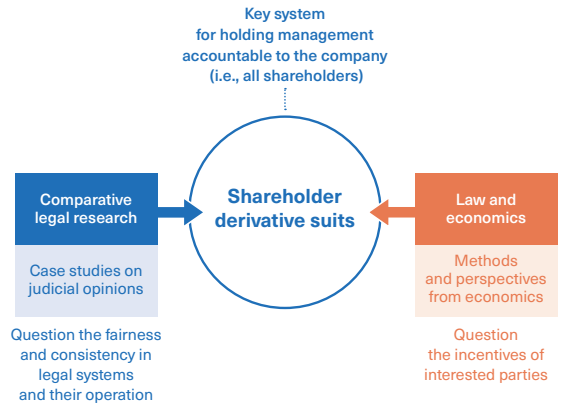
CASE 2

Professor

GU
Dandan

Department of
Law and Politics

Analyze the rationale and efficiency of legal systems using methods and perspectives from law and economics



Compare shareholder derivative suits in Japan, US, and China and examine the systems that promote meritorious suits

Legal research includes the disciplines of "law and economics". Traditional legal research places more emphasis on the study of comparative law and leading cases. In contrast, law and economics analyzes legal systems using perspectives and methods from economics. Being a specialist in corporate and commercial law, I bring perspectives from both the traditional legal research and law and economics to my focus on the functions and efficiency of legal systems and on the incentives of interested parties. In the former, if there are choices in the design of a legal system to accomplish a certain goal, we examine which system is the most adequate and cost-efficient for that purpose, while in the latter, we analyze factors that affect the motivation and behavior of interested parties within a given system. This is the viewpoint from which I am re-

searching shareholder derivative suits, in order to reveal a more rational system through the analysis of various systems in Japan, the US, and China. In Japan and the US, where you can file a suit if you own one share, there are misgivings that these systems may be abused or misused, therefore, it is important to equip them to end deleterious suits, including by dismissal or settlement. In contrast, in China, where shareholders cannot file a suit unless they own a certain percentage of the outstanding shares, a system has taken effect since 2006 but has seldom been put to use. I am looking into the desirable design of systems for promoting meritorious shareholder derivative lawsuits, which hold managers responsible for their actions against companies, while also posing the same questions to my students.



Graduate School of Management

With the globalization of the economy and the rapid spread of the Internet, the framework of economic activities is changing day by day, and Tokyo Metropolitan University strives to reflect the results in both academic and practical aspects of its master's and doctoral programs. To this end, we offer three master's programs in business administration (MBA), economics (MEc), and finance (MF), as well as a doctoral program that covers the same fields as the master's program.

Department of Management



Business Administration Program

The Business Administration (MBA) Program aims to nurture highly-skilled professionals with advanced management know-how, strategic thinking skills, and the ability to work in an international environment, as well as researchers who are well versed in all theories of business administration and can open up new avenues in business administration research.

The MBA program actively accepts not only students from the humanities and social sciences, but also students from the sciences who have not studied business administration or economics in their undergraduate studies.

Economics Program

The Economics (MEc) program is designed to train researchers and practitioners who have expertise in economics-related fields and who are capable of conducting research in a wide range of areas relevant to academic and practical issues. The goal of this program is to equip students with the necessary knowledge, skills and approaches to be able to analyze economic activities, formulate intelligent economic policies and propose ways to make organizations more efficient, as well as to apply relevant economic theories effectively, whether they work in government agencies, think tanks or corporations.

Finance Program

In addition to the core curriculum of investment management, derivatives, financial risk, and corporate finance, the Finance (MF) program offers a carefully designed curriculum that effectively balances related subjects such as mathematics, numerical analysis, statistics and data science, economics, strategic financial management, and business strategy in order to systematically acquire a wide range of knowledge and skills in finance and corporate management.

RESEARCH & ACTION

CASE
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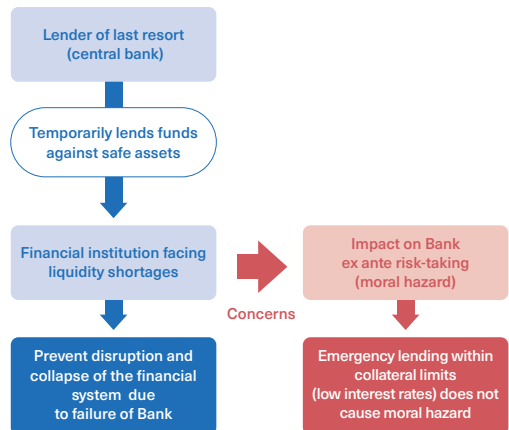
Professor
MATSUOKA
Tarishi

Department of
Management

Central banks' function as the lenders of last resort and the moral hazard of financial institutions



The Function and Concerns of the Lender of Last Resort



Confronting the societal challenge of financial system stabilization

In March 2023, Silicon Valley Bank in the United States experienced a financial collapse driven by a large-scale bank run. The incident was facilitated by the spread of information on social media. Even when a bank is financially sound, a bank run can occur if trivial, negative information spreads. Throughout history and across nations and eras, banking crises have repeatedly unfolded. How should we address a banking crisis? Central banks have a function known as the lenders of last resort. This function involves central banks temporarily lending funds, secured by safe assets, to financial institutions facing a liquidity shortage. Its purpose is to prevent the disruption and collapse of the financial system due to the bankruptcy of a bank. However, if private banks anticipate central bank bailouts during a crisis, they may neglect proper lending

activities and encourage excessive holdings of risky assets (moral hazard).

The establishment of a system to stabilize the financial system while mitigating the moral hazard of financial institutions is a societal challenge. To address this challenge, I have worked with research collaborators to develop theoretical models and conducted theoretical analyses of the lender of last resort policy. We are committed to continuing this research and making contributions to the stability of the financial system.



Graduate School of Science

TMU's Graduate School of Science comprises four departments in the basic scientific fields of Mathematical Sciences, Physics, Chemistry and Biological Sciences. The Graduate School of Science also has three research centers attached to it: the Research Center for Space Science, the Research Center for Genomics and Bioinformatics, and the Research Center for Quantum Material Science and Engineering.

Department of Mathematical Sciences

The Department of Mathematical Sciences at the Graduate School of Science aims to lead students toward the leading edge of the contemporary mathematical sciences by providing a systematic theoretical grounding in the areas of algebra, geometry, analysis and applied mathematics, and through self-directed study based on the problem-solving approach. With a teaching and research framework that flexibly and organically integrates the four key fields noted above, students are able to accumulate multi-layered mathematical experience and cognitive training. In this way, the department seeks to cultivate, for the benefit of society, flexible, multi-faceted human talent that includes researchers capable of innovative thinking and educators equipped with a wealth of specialist knowledge.



Department of Physics

The aim of physics is to clarify fundamental laws of nature and to apply the knowledge and results to science and engineering. Our department consists of four research groups: 1) theoretical astrophysics and particle physics; 2) theoretical condensed matter physics; 3) experimental astrophysics and particle physics; and 4) experimental condensed matter physics. These groups cover a broad spectrum of research fields including microscopic elementary particles, condensed matter, and the macroscopic universe. Each group is further divided into subgroups to achieve highly effective research and education. The groups and subgroups carry out intensive research on various subjects in physics, maintaining close cooperation with each other, as well as with other domestic and foreign universities and research institutes.





Department of Chemistry

Chemistry is a discipline that lies at the heart of the natural sciences. The goal of chemistry is to create new substances by transforming molecular structures and to explore the structure, properties, and reactivity of those substances. This goal is what drives the Department of Chemistry. Because the applications of modern chemistry are so broad and diverse, including the development of chemical materials and materials used in electronic devices, as well as other applications in space, the life sciences, and the environment, this department has established three separate research programs: 1) inorganic and analytical chemistries, 2) organic chemistry and biochemistry, and 3) physical chemistry to support a wide range of academic pursuits. The graduate school cultivates researchers and engineers who are equipped with advanced knowledge in cutting-edge fields of chemistry, grounded in a deep level of expertise, as well as a broader, more comprehensive sense of judgment that goes beyond their field of specialization.



Department of Biological Sciences

Section of Biology / Section of Biomedicine and Biotechnology

One of the greatest features of the Department of Biological Sciences at Tokyo Metropolitan University is the diversity of its research fields and professors. The faculty members are all engaged in diverse research across the fields of biology and life sciences. We conduct research using a wide variety of organisms at all levels, from genes and cells (genetics, cytology, physiology, embryology) to individuals, species, and ecosystems (ecology, phylogeny, evolution), and from microorganisms to higher animals and plants.

With a diverse faculty, graduate students in our department are able to learn from experts in a variety of life science fields. This means that no matter what field a graduate student is interested in, there is a professor with expertise that connects in some way to that topic. Also, if you are interested in biology or life sciences but do not know what exactly you want to research, you can find a research theme that suits you.



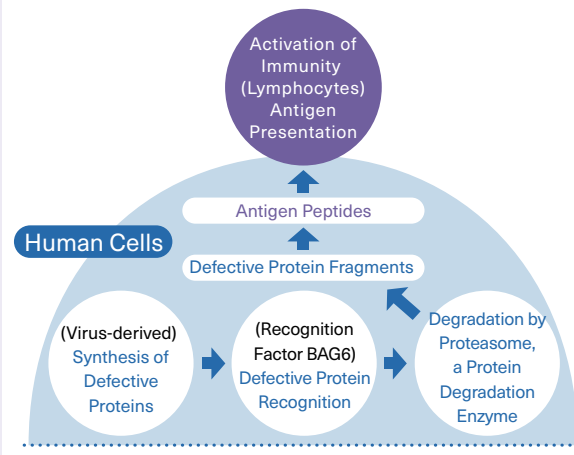
Professor

KAWAHARA
Hiroyuki

Department of
Biological Sciences

New mechanism of virus immunity controlled by the proteolysis system

New Mechanism of Virus Immunity Controlled by the Proteolysis System



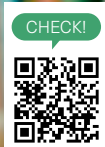
Discovery and explication of an intracellular system that recognizes and guides newly synthesized and defective proteins to the degradation system

Biology textbooks depict how proteins are expertly produced through the transcription and translation system. However, the process of actual protein synthesis in the cell does not necessarily have a high success rate. Even our healthy cells generate a huge amount of defective proteins all the time. In our research lab, we have discovered a new intracellular system that recognizes newly synthesized and defective proteins and guides them to the degradation system.

The degradation products of defective proteins have recently been attracting attention. It is now known that, rather than being useless waste products, they fulfill a necessary role in the

immune system. The peptide antigens targeted by the lymphocytes are the degradation products of the defective proteins we are researching. For example, inside cells infected by a virus, degradation products of the virus proteins encourage activation of lymphocytes by becoming peptide antigens. The widely-promoted COVID-19 vaccines work by generating and degrading defective proteins derived from the virus in our cells to actively generate peptide antigens which are targeted by lymphocytes. In our university research lab, we are proactively engaging in fundamental research into proteolysis in order to serve a role in the future development of new vaccines.





Graduate School of Urban Environmental Sciences

The Graduate School of Urban Environmental Sciences conducts research on a wide range of issues, such as the relationship between evolving urban functions and environmental problems, coexistence among diverse populations, and administrative and financial management. Through emphasis on experiments, practical training, fieldwork, problem-solving and proposal-based exercises, and a variety of internships, students will develop practical and multifaceted decision-making skills, as well as the ability to conceptualize and make proposals.

Department of Geography

The geographic environment consists of natural and human-created environments, and the space extends in scale from cities and regions to nations, continents, and the earth. Geography is not just the study of the dynamic interrelationships between the geographic environment and humans from the past to the present in a given space. Rather, it aims to explain events by taking into account the interrelationships among phenomena occurring at various spatial scales. This is especially important when studying phenomena occurring on a global scale, such as global warming and economic globalization, in local communities.

The Department of Geography consists of five units: (1) Geomorphology and Geology, (2) Climatology, (3) Environmental Geography, (4) Geographic Information Science, and (5) Urban and Human Geography.



Department of Civil and Environmental Engineering

Civil and Environmental Engineering, as suggested by the title, is a discipline that serves citizens, and its goals are to build scenic national lands and cities, to build living environments that offer safety and security, and to create rich social foundations. This role covers a wide range of activities from the planning, construction, management, and maintenance of infrastructure, to the preservation of urban and natural environments. It also includes disaster management efforts that aim to protect people's lives and property.

In this department, students systematically conduct research in the field of civil and environmental engineering from the three perspectives of infrastructure, environmental systems, and safety and disaster prevention. Through research and educational activities, this department cultivates individuals who can take the initiative in uncovering the challenges that need to be addressed and devising solutions to those problems.





Department of Architecture and Building Engineering

The Department of Architecture and Building Engineering aims to promote and practice research on the construction of architecture and urban spaces in a sustainable society, and to develop human resources who can play a role in this research. Students will conduct research to create safe, comfortable, and attractive architectural and urban spaces while properly maintaining and managing existing buildings and reducing their environmental impact. Students learn a wide range of theories and techniques related to architecture and develop highly specialized skills to solve architectural problems.

In the Basic Research Course, which covers the fields of architectural design and planning, urban planning, and architectural history and design, students engage in advanced and practical research to solve problems. In the Project Research Course, multiple faculty members specializing in different academic disciplines form project teams to conduct research and acquire the practical skills to discover and solve complex problems in the world of urban planning and architecture.



Department of Applied Chemistry for Environment

In our department, education and research on “Applied Chemistry” as engineering for practical use is conducted based on various chemical fields. In particular, through education and research related to SDGs, we train researchers and chemists with the knowledge and ability to create molecules and materials that contribute to a sustainable society by making full use of chemical technology in a wide range of fields such as the environment, energy, and biotechnology. In addition, our department respects independence, and our research and education focuses on cultivating the ability to discover problems in addition to the ability to solve them. Based on research fields such as polymer chemistry, organic chemistry, biochemistry, inorganic chemistry, electrochemistry, photochemistry, catalytic chemistry, and analytical chemistry, we aim to train researchers and chemists who will lead the 21st century with a broad perspective through world-leading research with the keywords of environment, energy, biotechnology, and materials. We also provide numerous opportunities to come into contact with the world’s most advanced research such as colloquiums inviting prominent researchers from Japan and abroad.





Department of Tourism Science

The Department of Tourism Science conducts education and research to protect the urban, village, and natural environments that are tourism resources and to make appropriate use of them. The department also aims to promote regional development through the effective use of tourism to enhance the attractiveness and value of the region and to revitalize the local economy. We aim to develop human resources who can elucidate regional phenomena and plan and implement tourism promotion plans using knowledge and skills in science and engineering.

In this field, joint research through collaboration among universities, government agencies, and the private sector, in which researchers act as planners and proposal formulators and work closely with local communities to conduct diagnosis, planning, and implementation to uncover potential tourism resources, is particularly important. It is also important to actively encourage graduate students to study abroad and invite overseas students to study in Japan.



Department of Urban Science and Policy

The Department of Urban Science and Policy is dedicated to the cultivation of human talent capable of developing a comprehensive picture of the modern city with its dynamic transformations, visualizing how cities can become safe, comfortable places where residents enjoy peace of mind, and undertaking analysis and research from spatial, systemic, social and other perspectives, thereby helping to realize sustainable urban development. In addition to providing a multidisciplinary curriculum that teaches the techniques needed to analyze urban phenomena and helps students develop a multi-faceted understanding of the types of public policy that can be applied in different areas, the department also incorporates practical learning activities involving collaborative research with the public agencies responsible for drafting urban development policy, private-sector firms, NPOs, local community organizations, etc.



RESEARCH & ACTION

CASE
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Associate Professor

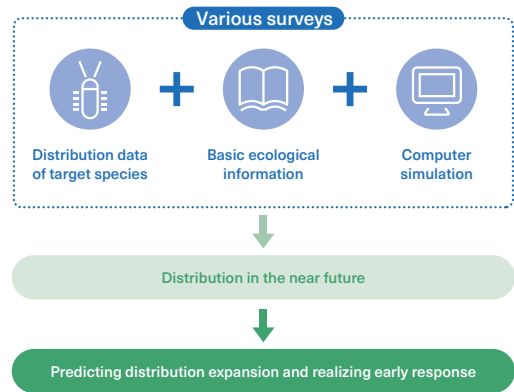
OSAWA
Takeshi

Department of
Tourism Science

Predicted spread based on the basic ecology of invasive alien species



Predicting the expansion of the distribution of invasive alien species



Future projections based on basic ecology and proper allocation of extermination efforts

Establishing a method for predicting the spread of the target species is an effective means for appropriately allocating management efforts spatially. This is akin to making a weather forecast that considers invasive alien species as bad weather. If a certain level of reliability can be ensured, despite the uncertainty, it will be possible to make a decision to carry out extermination activities or not based on the results, just like deciding whether or not to take an umbrella with you based on the probability of rainfall. One of the themes we are working on in our laboratory is predicting the spread of invasive alien species. In recent years, we have been particularly active in research aimed at predicting the spread of target species by conducting computer simulations based on their basic ecology, which contributes to the efficiency of extermination

measures. In recent examples, we conducted a study to predict the spread of white popinac, an invasive plant that is spreading in the Ogasawara Islands, and the red-necked longhorn beetle, an invasive insect that kills cherry and peach trees, and to identify areas where extermination efforts should be focused. Carrying this out requires both basic knowledge of the target species and the technology to handle high-performance computers, making this research a very interdisciplinary effort.



Graduate School of Systems Design

The five departments are the Department of Computer Science , the Department of Electrical and Electronic Engineering, the Department of Mechanical Systems Engineering, the Department of Aeronautics and Astronautics, and the Department of Industrial Art. These are developed through the system design education provided by each department and through pioneering and creative research activities.

Department of Computer Science

In our modern era, information technology permeates all aspects of our social lives and actions. While creating dramatic changes that improve efficiency and quality, technological innovation continues at a dizzying pace. At the same time, unforeseen technological challenges continue to appear, from the safe operation of information systems to risk management of security threats. In the Department of Computer Science, we aim to train technologists and researchers to succeed on a global scale, to obtain mastery of both fundamental technologies and specialized knowledge, to impart the ability to support the development of ever-evolving information technology and to impart decisiveness to deal with risks appropriately.



Department of Electrical and Electronic Engineering*

The Department of Electrical and Electronic Engineering is committed to providing advanced specialized education and conducting cutting-edge research. Its fundamental principle is to cultivate creative engineers and researchers who possess a systematic and comprehensive knowledge base in electrical and electronic engineering technologies. Electromagnetics and electric circuit theory are central to our curriculum, and we strive to develop engineers and researchers with advanced practical skills, problem-solving and discovery abilities, and a strong ethical foundation and mission, all grounded in a systematic and comprehensive understanding of these core principles.

*The name will be effective from April 2026





Department of Mechanical Systems Engineering

The Department of Mechanical Systems Engineering is based on the education of advanced mechanical systems engineering to realize safe and comfortable urban life and sustainability of the global environment and human society.

- Mechanical Innovation The department provides instruction in concepts and theories related to functional materials and manufacturing, basic measurement technology, basic methodologies that connect the two core fields of Intelligent Mechanical Systems and Biomechanical Engineering, as well as existing specialized fields.

- Intelligent Mechanical Systems In order to realize a "safe, secure and sustainable society," students study fields related to mechanical control and intelligent systems, surveillance informatics, and robotics, and advance to existing specialized fields.

- Biomechanical Engineering To realize "advanced medical care and effective medical support for citizens," students study fields related to medical bioengineering, biomechanics, ergonomics, and welfare engineering, and then advance to existing specialized fields.



Department of Aeronautics and Astronautics

Aerodynamics and Fluid Dynamics laboratories are conducting research on flow control for reduction of aerodynamic drag and sound, high-speed aerothermodynamics, and magnetohydrodynamics.

Propulsion Systems laboratories are pushing the limits of propulsion technology for rocket engines and spacecraft based on the physics of thermal fluids.

Materials and Structures laboratories are studying the development of new light metals and composites, and the structural mechanics of large light space structures.

Guidance, Control and Dynamics field includes research on the dynamics and control of spacecraft, air traffic management, analysis, and trajectory and optimization.

Systems Design Engineering field includes research on design methodologies and their application for creating and producing more superior components and systems of aircraft and spacecraft.

Space Utilization Technology laboratories are conducting research and development in remote sensing, satellite communications, and key elemental technologies for space systems.



Department of Industrial Art

As we ride the current waves of intense social change, shifting values, and new technological innovations, there is a strong need for creative thinkers who are flexible, original, and capable of taking charge and quickly adapting to these new developments. To meet the needs of contemporary society, this department aims to cultivate a new type of designer who researches, creates, practices new approaches, derives new concepts and envisions playing a leading role in changing the social framework.

Students are therefore encouraged to choose cross-sectional, multilayered research topics that cover a wide range of design-related fields that incorporate engineering elements as well as socio-cultural elements. The department has two programs: Product Design and Media Creation. In the Product Design Program students develop designs that benefit both people and the environment, such as the design and engineering of transportation systems, industrial products and habitable spaces. In the Media Creation Program, students create new ways to communicate through a combination of cutting-edge media technologies and artistic sensibilities. By working across both fields, students are able to gain broader perspectives.



RESEARCH & ACTION

CASE
6

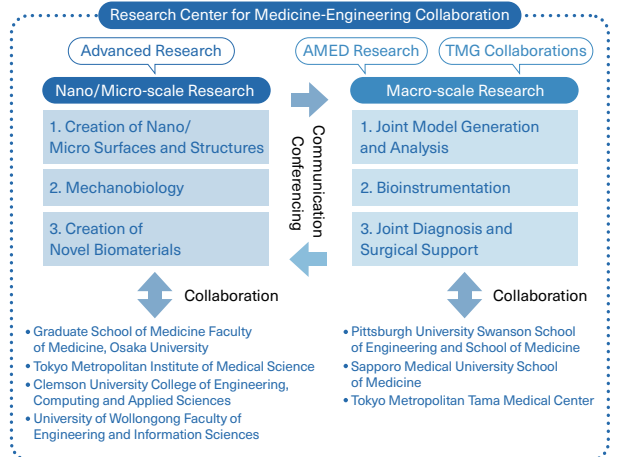
Professor
FUJIE
Hirromichi

Department of
Mechanical Systems Engineering

An approach to reduction of quality-of-life (QOL) due to locomotor system diseases and injuries: From the perspective of cells and organs



Organizational Structure of the Research Center for Medicine-Engineering Collaboration



Seeking to improve therapeutic effect by including new methodologies for treatment of locomotor system diseases and injuries

In this super-aging society of ours, locomotor system diseases and their resultant reductions in quality of life (QOL) have become major societal issues. Additionally, the prominence of sports also causes many locomotive injuries, which is another major problem. At the Tokyo Metropolitan University Research Center for Medicine-Engineering Collaboration, we seek to address these problems combining a medical/biological perspective with a mechanical/engineering approach and are focusing on two areas of research: nano/micro-level research on cellular functions and properties, and macro-level research on organs such as joints. In our nano/micro-level research, we receive research support from the Tokyo Metropolitan Government Advanced Research Grant and others, as we work to clarify basic mechanisms in stem

cell differentiation from the perspective of the mechanobiology research field, which clarifies the relationship between the mechanical environment and cellular function, and take on the challenge of establishing regenerative medicine technology that creates complex living tissues, such as cartilage-bone junctions, in a culture environment. In the macro-level research, for which we receive support from the Japanese Agency for Medical Research and Development (AMED), we cooperate with medical doctors and researchers in other universities and medical device companies to take on the challenge of creating and developing revolutionary medical technology optimized for each patient's surgical operations, such as artificial joint surgery.



Graduate School of Human Health Sciences

The Graduate School of Human Health Sciences is comprised of six departments: Nursing Sciences, Physical Therapy, Occupational Therapy, Radiological Sciences, Frontier Health Sciences (all of which are on the Arakawa Campus), and Health Promotion Sciences (Minami-Osawa Campus).

Department of Nursing Sciences

With a specific focus on the people who live in large cities and on promoting community health, this department contributes to the health of individuals and groups through education and research in the nursing sciences as it strives to improve quality of life and to achieve a vibrant and long-lived society.

The master's program offers master's thesis courses in the following fields: nursing ethics and management, reproductive health nursing, child health nursing, adult health nursing, medical life support nursing, community mental health nursing, home care nursing, international nursing/medical anthropology, public health nursing, and midwifery. There are certified nurse specialist courses for child health nursing. The doctoral program cultivates individuals who can serve as leaders in the fields of the nursing sciences and public health.



Department of Physical Therapy

This department is divided into three research programs. These are Movement Disorder Analysis and Physical Therapy (Pediatric Physical Therapy, Preventive Physical Therapy, Cardiopulmonary Physical Therapy, Neurocognitive Therapy, Neuroscience-founded Physiotherapy), Physical Function Recovery Physical Therapy (Orthopaedic Physical Therapy, Musculoskeletal Physical Therapy, and Adapted Sports Physical Therapy, Women's and Men's Health Physical Therapy), and Community-Based Physical Therapy.

The program promotes systematic and comprehensive learning of physical therapy knowledge, skills, and scientific thought processes related to health and disability. It also promotes research and development of advanced physical therapy techniques related to the prevention of physical disability and functional recovery from developmental and chronic diseases and lifestyle-related diseases, and research related to the promotion of health management and social participation of people in local communities.





Department of Occupational Therapy

The department of occupational therapy aims to contribute to the realization of a society where people live long vibrant healthy lives. Foci are on developing the potentials of occupation, occupational therapy practices (including health promotion), and accumulation of its evidence. It is divided into three research programs.

Holistic Occupational Therapy in Human Life focuses research on mental and psychological health of children to older adults, and on the intersection of occupational therapy with human physical and cognitive (dys-)functioning and child development.

Occupational Behavior and Occupational Science concerns occupational behavior and science, (community) occupational therapy for mental health and older adults.

Occupation and Living Environment Studies encompasses occupational life design studies, assistive products and technologies, occupational performance analysis, and analysis and adaptation of the environments of people's daily lives.



Department of Radiological Sciences

The objectives of this major are (1) to develop advanced radiology specialists who can apply creative and scientific thought processes, and (2) to develop human resources who not only have advanced knowledge and skills in their own specialized fields, but who also understand the results of research in other fields and can integrate this information to develop advanced medical technologies. In the master's program, each field in the Dept. of radiological sciences has adopted a comprehensive curriculum, taking into consideration students from science and engineering departments and students from other graduate schools. In addition, we strive to train medical physicists who are certified by the Japanese Board for Medical Physicist Qualification (JBMP).

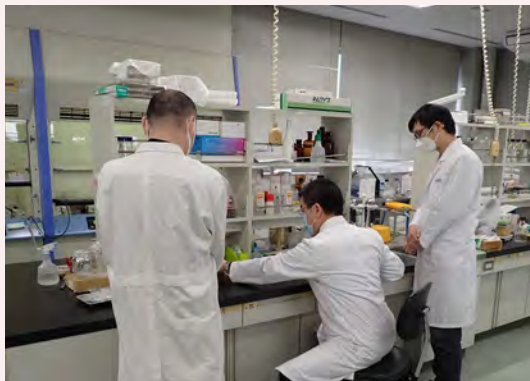
Diagnostic equipment such as X-ray CT (MDCT) and MRI, as well as radiation therapy equipment such as unsealed radioisotope (RI) facilities and using a modern linear accelerator are available on campus, allowing for a full range of experiments and research.





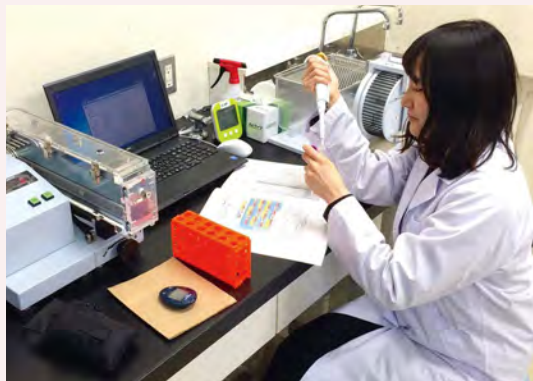
Department of Frontier Health Sciences

The department consists of three regular programs. (1) Functional Morphology conducts research in three areas: research on the morphology and location of internal organs and autonomic nerves and their clinical applications, research on the physiological mechanisms of visceral fat accumulation, and analysis of pancreatic pathologies such as pancreatic cancer. (2) In Muscle Physiology, research on the structure and function of the contractile apparatus that maintains the structure of muscle cells is carried out. (3) In Evaluation and management for social health, medical welfare, and various disasters, research will be conducted primarily on quantitative study design, methodology of epidemiological studies, and techniques for generating health statistics to evaluate aspects of care for nurses trying to contribute to the community.



Department of Health Promotion Sciences

The Department of Health Promotion Sciences strives to equip students with specialized knowledge of human beings and health, as well as advanced problem-solving skills, through basic and applied research related to health maintenance and improvement. The department's goal is to cultivate advanced specialists with a wide range of knowledge and independent researchers who can communicate with people not only in their own field of specialization, but also with people in other disciplines. There are some extremely complicated factors underlying the various problems related to human health. Solving those problems is going to require an understanding of those factors, the ability to grasp the overall picture of the situation created through interdisciplinary investigations in a variety of fields, and an explanation of the action mechanisms of the constituent factors.



RESEARCH & ACTION

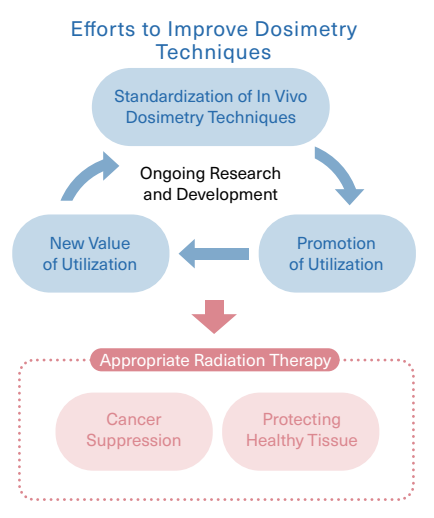
CASE
7

Associate Professor

MATSUMOTO
Shinnosuke

Department of
Radiological Sciences

Realtime, in vivo confirmation of radiation dose in patients undergoing radiotherapy



Developing a measuring device which may become a gold standard for in vivo dosimetry

- Evaluating the accuracy of radiotherapy

Safely administering radiotherapy with a high level of accuracy requires proper management and evaluation of the radiation dose applied to the patient.

Our research team is working to develop a method of in vivo dosimetry and a dedicated radiation dosimeter in order to directly confirm whether the applied radiation dose is correct during radiation therapy. This method directly measures the radiation dose during therapy through the use of a radiation dosimeter inserted into the patient's body, and is the only means of directly measuring the dose actually applied to the patient. Our research team has become the first in the world to succeed at measuring in vivo dose in patients during carbon ion radiotherapy.

- Towards standardization of measuring devices

There has not been an in vivo dosimeter capable of handling all of the conventional diverse radiotherapies, so development has been an urgent need. Regarding this task, our research team has advanced research into using a radiation dosimeter we developed to realize standardization of in vivo measurement. In order to deal with X-ray and proton beam therapies, we performed experiments specifically aimed at acquiring radiation dosimeter response characteristics for each radiation type, and have obtained good results. This result shows, the radiation dosimeter we are developing is likely to create a gold standard for in vivo dosimetry. We believe that continuous research and development of the dosimeter will help promote more precise radiotherapy.

Undergraduate

Learning to explore the city beyond the boundaries of academic disciplines

category		Humanities/Sociology													Economic/ Business Administration									
study fields		Sociology	Social Anthropology	Social Welfare Studies	Psychology	Clinical Psychology	Pedagogy	Linguistic Science	Japanese Language Education	Philosophy	Western classical studies	History	Archeology	Culture Representation	Japanese Literature	Chinese Literature	English Literature	German Literature	French Literature	Business Administration	Accounting	Management Science	Quantitative Finance	
Humanities and Social Sciences	Human and Social Sciences	●	●	●	●	●	●	●	●															
	Humanities									●	●	●	●	●	●	●	●	●	●					
Law	Law	Division of Law																						
		Division of Political Science																						
Economics and Business Administration	Economics and Business Administration	Economics Program																		●	●	●	●	●
		Business Administration Program																			●	●	●	●
Science	Mathematical Sciences																							
	Physics																							
	Chemistry																							
	Biological Sciences																							
Urban Environmental Sciences	Geography																							
	Civil and Environmental Engineering																							
	Architecture										●													
	Applied Chemistry for Environment																							
	Tourism Science																				●	●	●	●
	Urban Science and Policy	●	●																		●	●		
Systems Design	Computer Science				●			●																
	Electrical and Electronic Engineering																							
	Mechanical Systems Engineering																							
	Aeronautics and Astronautics																							
	Industrial Art														●									
Health Sciences	Nursing Sciences																							
	Physical Therapy																							
	Occupational Therapy																							
	Radiological Sciences																							

The “English Program in Biological Sciences, Faculty of Science,” where you can earn a degree in English

This program allows students to earn their degree in English. All 124 credits of coursework and laboratory work required for graduation from the Department of Biological Sciences are offered in English. The program can be combined with courses offered in Japanese. Courses are offered in a wide variety of fields, including molecular evolution, ecology, systematics, genetics, biochemistry, neuroscience, cell biology, and physiology. Courses in the humanities are also offered in English, and can be taken in combination with courses offered in the main course. (For details, please go to the web)

Design Field	Jurisprudence	Science	Engineering	Health science	Others
Design Engineering	Law	Math	Applied physics	Health science	Sports science/Nutrition science
Design Engineering	Law	Physics	Information engineering·Information science	Medical engineering	Forestry/Agriculture/Fisheries science
Design Engineering	Law	Chemistry	Communication engineering	Oceanography	Tourism
Design Engineering	Law	Biology	Electricity·Electronics	Art engineering	Urban science
Design Engineering	Law	Geology/Geosciences/Space science	Chemical engineering	Welfare engineering	Regional Policy Studies
Design Engineering	Law	Geography	Polymer chemistry	Material engineering	Comprehensive science
Design Engineering	Law	Information science	Aviation engineering	Global environmental engineering	Linguistics
Design Engineering	Law	Environmental science	Mechanical engineering·Precision engineering	Energy engineering	Health care
Design Engineering	Law	Life science	Metalurgy	Control engineering	Radiation technology
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Occupational therapy
Design Engineering	Law	Biological Science	Architectures·Architectural engineering	Space engineering	Physical therapy
Design Engineering	Law	Biological Science	Civil engineering·Construction engineering	Mathematical engineering	Nursing
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Biotechnology	Health science
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Medical engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Occupational therapy
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Physical therapy
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Nursing
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Health science
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Medical engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Oceanography
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Art engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Welfare engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Material engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Global environmental engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Energy engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Control engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Management engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Space engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Mathematical engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Biotechnology
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Management engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Environmental engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Applied physics
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Information engineering·Information science
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Communication engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Electricity·Electronics
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Chemical engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Polymer chemistry
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Aviation engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Mechanical engineering·Precision engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Metalurgy
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Urban engineering·Social engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Architectures·Architectural engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Civil engineering·Construction engineering
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Biological Science
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Life science
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Environmental science
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Information science
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Geography
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Geology/Geosciences/Space science
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Biology
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Chemistry
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Physics
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Math
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Political Science
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Law
Design Engineering	Law	Biological Science	Urban engineering·Social engineering	Management engineering	Design Engineering

English-taught degree programs in Graduate Schools

For graduate students, TMU also offers degree programs in English. In the programs, all classes and evaluations are conducted in English, as well as entrance examinations and student support. Opportunities to use research facilities and receive instruction are also open to students who do not speak Japanese. These programs are available in specific fields within the Graduate School of Science, Graduate School of Urban Environmental Sciences, etc.

For more information, please search for "TMU English-taught degree programs" on the website.

Research Center Research Core

Research at Tokyo Metropolitan University has produced excellent results in each specialized area. Currently, 12 research centers have been established to disseminate research results both inside and outside the university. In addition, new "Research Cores" have been established for research groups with outstanding achievements that aim to form a new research center.

Research Center for Space Science

Research Center for Space Science brings together space-related research groups at Tokyo Metropolitan University, allowing them to deepen their collaboration across majors and develop their research capabilities. The purpose of this center is to consolidate the power of research in space science and to produce more advanced results.

Research Center for Genomics and Bioinformatics

Research Center for Genomics and Bioinformatics is a center for organic cooperation among researchers in related fields. The center aims to be an internationally competitive research and education center in the field of evolutionary genomics and bioinformatics.

Research Center for Water System Engineering

Research Center for Water System Engineering promotes research on water supply systems that maintain water supply facilities in a sound condition and enable the sustainability of high-level water supply in the future. The center will draw up a future vision of next-generation water supply systems from a broad perspective based on a joint industry-government-academia framework.

Research Center for Social Big Data

Research Center for Social Big Data builds an integrated infrastructure for discovering and utilizing new value and knowledge from real-world data and open data, using social data as a medium. In particular, we are focusing on the methodology of integrated hypothesis formation based on heterogeneous data and its application to social infrastructures and sciences.

Research Center for Child and Adolescent Poverty

Research Center for Child and Adolescent Poverty clarifies the full range of problems faced by children in poverty, and elucidates the mechanisms of the cycle of disadvantage. It also explores what kind of support is effective and makes evidence-based policy proposals to the national and local governments.

Research Center for Quantitative Finance

Research Center for Quantitative Finance was established in accordance with the Tokyo Metropolitan Government's "Tokyo International Financial Center Initiative." As a leading academic research center for the realization of the plan, the center aims to develop academic research in financial engineering and promote international exchange.

Research Center for Hydrogen Energy-based Society

This is a research center that focuses on a wide range of topics, from the development of highly efficient energy utilization systems using hydrogen to the development of infrastructure for such systems. This center is unprecedented in the world, and we aim to develop it as a research center that will appeal to the world.

Research Center for Medicine-Engineering Collaboration

Research Center for Medicine-Engineering Collaboration is developing as a center for collaborative medical and engineering research that covers both basic and clinical medical fields by utilizing the latest science and engineering technologies, such as nano/macro processing, material generation, biomechanics, and mechanobiology, in which the Department of Mechanical Systems Engineering at Tokyo Metropolitan University.

Research Center for Quantum Material Science and Engineering

Research Center for Quantum Material Science and Engineering studies superconductivity in molecular conductors, transition metal compounds, rare earth compounds, and actinide compounds, and contributes to the development of the field. The center promotes research on new Bis2-based layered superconductors originating from Tokyo Metropolitan University, and is developing as a center for superconductivity research.

Research Center for Energy Integrity Systems

In order to effectively use electric energy while achieving carbon neutrality, it is essential to integrate and link energy control and information and communication technologies. The research center will conduct research aimed at realizing the construction of fundamental technologies for energy networking.

Research Center for Hazard Mitigation in Volcanic Islands and Urban Areas

Research Center for Hazard Mitigation in Volcanic Islands and Urban Areas is a research center of a public university that plays a particularly important role in the local community by providing the latest information on newly recognized risks to the community.

Research Center for Community-centric Systems

The research center aims to provide data-based solutions to Tokyo's important issues, such as disaster prevention community building and health and welfare, by combining the internationally strong field of informatics and social robotics with the growing field of big data.

Research Core for serBOT in Q

Research Core for serBOT in Q is an incubation hub that integrates research on social implementation of service robots using design thinking and research on the technical elements of service robots with the aim of solving urban problems. We aim to establish a product development process based on cross-disciplinary knowledge and technology, and through collaborative creation among different industries and fields.

Research Core for Language, Brain and Genetics

Research Core for Language, Brain and Genetics is the world's first research center that integrates the humanities and life sciences to address the issues of language, brain, and genes. The goal of the research core is to unite the efforts of researchers in the field of brain genetics of language in order to elucidate the relationship between language and human nature, and to produce even better research results.

Research Core for Meta-Healthcare

This research core consists of researchers from different fields such as physiotherapy, human-neuroscience, engineering, and experimental psychology. We aim to construct an ecosystem that solves various problems associated with healthcare by using technology of bodily augmentation in the Metaverse or virtual space, and to practice it.



Campus & Facilities



1: Campus Information



Minami-Osawa Campus

Address: 1-1 Minami-Osawa, Hachioji-shi,
Tokyo 192-0397, Japan
Tel: +81-42-677-1111

- 1 Building 1
Classroom Building / Educational Affairs Division /
Student Affairs Division / Volunteer Center
- 2 Auditorium
- 3 Building 2
Department of Urban Science and Policy
(Faculty of Urban Environmental Sciences) /
Tokyo Metropolitan University Premium College Office
- 4 The 1991 Hall
Curatorial Training Course Exhibition Room



- 5 Building 3
Faculty of Economics and Business Administration
- 6 Building 4
Faculty of Law
- 7 Building 5
Faculty of Humanities and Social Sciences
- 8 Building 6
Classroom Building
- 9 Headquarters Building
Accounting and Administration Section /
Admissions Center (Admissions Section)
- 10 Building 7
Career Support Section / Health Support Center
(Student Counseling Room, Health Center)
- 11 Information Gallery
- 12 Audio Visual Facilities

- 13 Campus Store
- 14 Student Hall
- 15 Student Refectory
- 16 Central Library / Diversity Promotion Office
- 17 Information Processing Facility
- 18 The Makino Herbarium
- 19 The Makino Herbarium Annex TMU Gallery
- 20 International House / International Center
- 21 RI Research Facilities
- 22 Breeding Building
- 23 Building 8
Faculty of Science / Faculty of Urban Environ-
mental Sciences
- 24 Building 9
Faculty of Science / Faculty of Urban Environ-
mental Sciences / Faculty of Systems Design

- 25 Building 11
Classroom Building
- 26 Building 12
Classroom Building
- 27 Frontier Research Building
- 28 Building 10
Laboratory Building
- 29 Environmental Conservation Facility
- 30 General Breeding and Experimentation Building
- 31 Nutrition and Food Chemistry / Biomechanical
Engineering Research Building
- 32 Cafeteria
- 33 Greenhouse and Experimental Field
- 34 Building 13
- 35 Project Research Building
- 36 Multi-purpose Playground

- 37 Student Dormitory
- 38 Athletic Field
- 39 Indoor Heated Swimming Pool
- 40 Gymnasium
- 41 Club Rooms
- 42 Tennis Courts
- 43 Football Ground
- 44 Japanese and Western Archery Field
- 45 Baseball Field
- 46 South Gate

Campus Store



Student Dormitory



Library



Exercise Facilities





Hino Campus

Address: 6-6 Asahigaoka, Hino-shi, Tokyo 191-0065, Japan

Tel: +81-42-585-8606



- | | |
|------------------------------|-----------------------|
| 1 Building 1 | 6 Building6 |
| 2 Building 2 ([B1F] Library) | 7 University Hall |
| 3 Building 3 | 8 Gymnasium |
| 4 Building 4 | 9 Futsal/Tennis Court |
| 5 Building 5 | |

Library

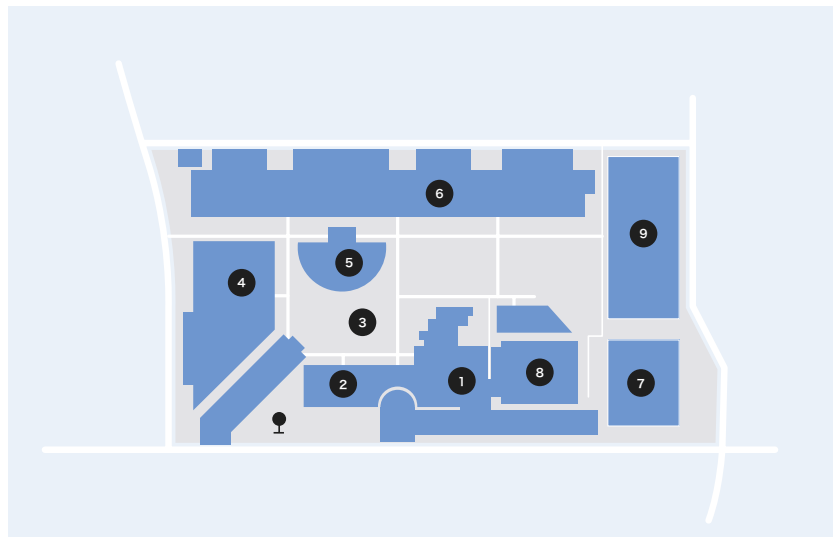


Arakawa Campus

Address: 7-2-10 Higashi-Ogu, Arakawa-ku, Tokyo 116-8551, Japan

Tel: +81-3-3819-1211

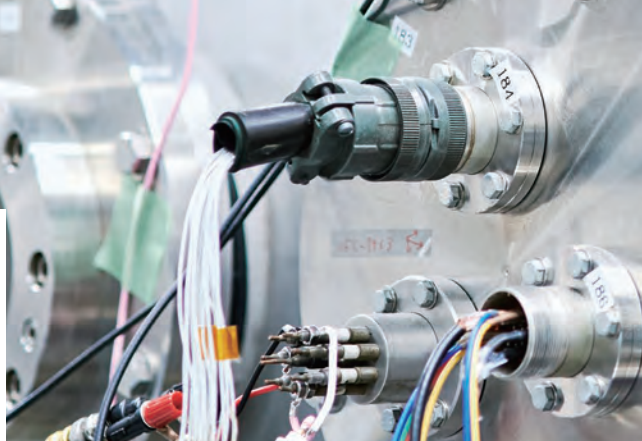
Library



- | | |
|---------------------------|-------------------|
| 1 Welfare Building | 6 School Building |
| 2 Administration Building | 7 Tennis Court |
| 3 Courtyard | 8 Gymnasium |
| 4 Library Building | 9 Ground |
| 5 Auditorium | |



2: Research Related Facilities



1 | RI Research Facility

Minami-Osawa

This facility is used for research involving radioactive isotopes (RI) and radiation at the Minami-Osawa campus. Various types of monitoring apparatuses and radioactivity control systems ensure that the RIs and radiation apparatuses are used for their intended purposes and are handled safely at all times. At present, approximately 400 teaching staff and students are registered as authorized researchers.



2 | Physical Education Facility

Minami-Osawa

We conduct research on a wide and integrated scale from the molecular, gene, and cell level to human applications in our aim to solve and gene problems related to the maintenance promotion of health in an aging society.



3 | The Makino Herbarium

Minami-Osawa

The Makino Herbarium was founded in 1958. It contains Dr. Tomitaro Makino's collection of "type specimens", which formed the basis of his description of new wild Japanese plant species, specimens obtained through duplicate specimen exchange, and more collected from other areas, totaling about 500,000. Staff study taxonomy, phylogeny and biogeography using modern equipment and classical taxonomical methods.



4 | Manufacturing Facilities

Minami-Osawa

This facility supports state-of-the-art research through the development of prototypes for research equipment and the processing of data. Students receive hands-on training in various types of machine tools to improve their basic manufacturing skills.





5 | Science and Engineering Research Facility Minami-Osawa

This facility is used for research in the latest fields of study. It is outfitted with a variety of equipment to support advanced experiments. Experiments are related to precise analysis and electron microscopy, high-density energy involving lasers, and engineering works and landforms.



6 | Wind Tunnel Facilities Hino

Aerodynamics and Fluid Dynamics laboratories are equipped with various wind tunnel facilities such as a large-scale subsonic wind tunnel, a low noise and low turbulence wind tunnel and a supersonic wind tunnel to support education and research activities in aerodynamics and fluid dynamics.



7 | Medical Linear Accelerator Facility Arakawa

This facility conducts research and education on radiotherapy technologies using a modern linear accelerator.



8 | Ogasawara Field Research Station Ogasawara

Ogasawara Field Research Station was established in 1971, rebuilt in 1992, and has served as a base for research and education. Research there is published in Ogasawara Research and The Annual Report of Ogasawara Studies. Such studies contribute to the formation of policies regarding nature conservation and management by the Ministry of the Environment, Tokyo Metropolitan Government, and Ogasawara Village.





International Activities





CHECK!

International Center



The mission of the International Center is to promote the further internationalization of Tokyo Metropolitan University through academic collaboration with foreign universities and the acceptance of overseas students and researchers in order to achieve higher-level research, and international cooperation on global and other issues. The International Center performs the tasks of planning for various aspects of international exchange and establishing agreements on academic cooperation with overseas universities. The Center also provides support for international students and assistance for students planning to study abroad.



CHECK!

International Partnerships and Agreements



TMU signs agreements with universities and other higher education institutions around the world to promote international cooperation in education and research as well as student exchange.

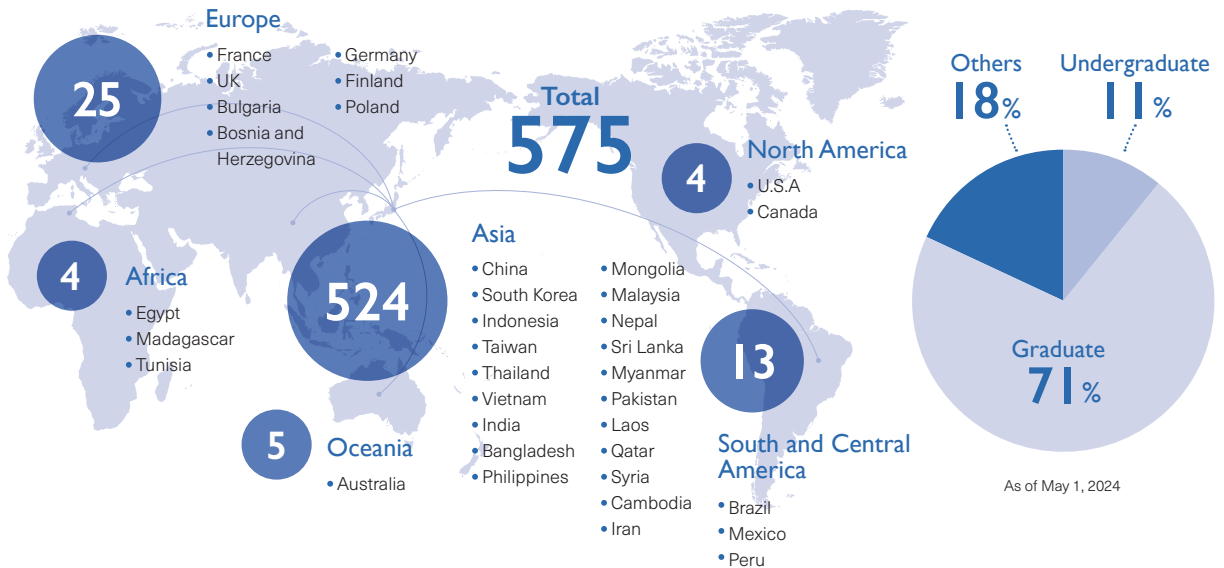


International Students

CHECK!



Student Profile



International Student Support



For newly enrolled students

The orientation for newly enrolled international students is held at the beginning of the semester.



Japanese language classes

TMU provides Japanese language classes from beginner to advanced level (CEFR A1-C2).

Advising Services

International Student Advising Office provides support to international students at TMU. International student advisors help students find effective solutions to their daily problems involving academic work, interpersonal relationships, life in Japan, etc...

All consultations are kept strictly confidential.

Career development

The International Center at TMU offers courses aimed at developing competence in practical Japanese in academic and business settings to prepare graduate students for the future of work in Japan.

Special Program For Exchange Students

Semester Abroad at Tokyo Metropolitan University (SATOMU)

SATOMU is a study program designed for exchanges students from TMU's partner universities. The program offers courses in a wide range of academic disciplines taught in English and Japanese language courses at all levels from beginner to advanced.

Japanese language and cultural immersion program

TMU offers an intensive Japanese language and cultural immersion program in both summer and winter to meet the needs of exchange students who look for short-term study options. The program consists of intense language instruction, interactive cultural activities and various excursions.



Accommodation

- 1 Student Dormitory
- 2 3 International House
- 4 International Student House
- 5 Communal area (International Student House)



Tuition and Scholarships

Courses	Registration	Tuition
Undergraduate	282,000yen	520,800yen
Graduate	282,000yen	520,800yen

Tuition Reductions and Exemptions

In order to ease the financial burden on international students, TMU offers a program of reduction of, or exemption from, tuition fees for international students studying at the university at their own expense who either exhibit outstanding scholastic performance, or have been impacted by an earthquake or other natural disaster while studying in Japan. Please see the Student Affairs Division website for further details.

Scholarships

TMU's scholarship for privately financed international students (undergraduate), scholarship by the Tokyo Metropolitan Government (graduate), Japanese Government (MEXT) Scholarship, JASSO Honors Scholarship and scholarships by private foundations.

Studying now so that I will be able to teach after: My motivation at TMU.

I am studying for a master's degree in Japanese Language Education at TMU.

When I graduated at São Paulo University, my supervisor told me about TMU, so I knew that other Brazilians were here. Therefore, I was very motivated to study at TMU. At first, I came as a Research Student for one year, then I passed my exams and now I am in a master's degree program. I am glad to be here. My supervisor always helps me with my research, the Campus is very beautiful, and the class schedule is flexible. In the future, I want to teach in Japan and I feel like here is where I can prepare to do it!

An international student from Brazil

Natália Soares S Callero



TMU Key Facts

CHECK!



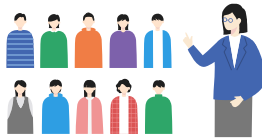
Number of
FTE Students

9,147



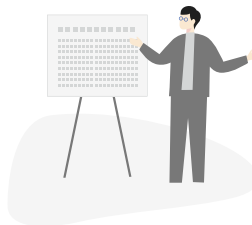
Number of
Students per
Faculty Member

10.54



Number of
Faculty Member

652



Number of
International Students

575

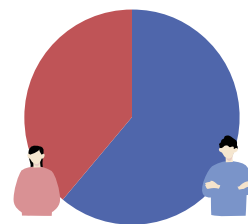


Percentage of
International Students

6.2%



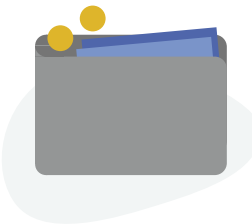
Student Ratio of
Females to Males



39:61

Finance
per Student

2,764
K JPY



Minami – Osawa
Campus (m²)

Size: approx.
428,041



Study in Tokyo, Japan

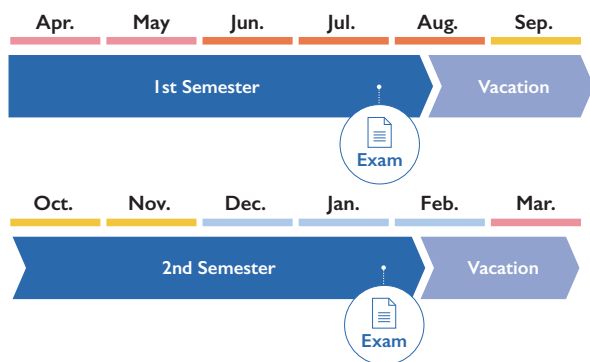
CHECK!



The appeal of studying in Tokyo, Japan

Japan is a country where a unique traditional culture, which has been passed down from generation to generation over the long course of history, and the leading-edge technology co-exist in harmony. The capital city, Tokyo, serves as the core of Japan's economy, politics and culture and is one of the leading cities in Asia for the development of economies and high-tech industries. In an inner-city area packed with towering skyscrapers, once you take a step inside an alley, you will see shrines and temples, as well as a rich natural environment if you go further out in the suburbs. In this way, life in Tokyo not only provides a high level of education, but also traditional culture, cutting-edge culture, and a rich natural environment, creating a wonderful opportunity for international students to learn just by living in the environment.

Academic Calendar for Tokyo Metropolitan University



● Spring ● Summer ● Autumn ● Winter

The climates in Japan and Tokyo



Spring

March - May

HIGH 20°C | LOW 11°C



Summer

June - August

HIGH 32°C | LOW 23°C



Autumn

September - November

HIGH 24°C | LOW 17°C



Winter

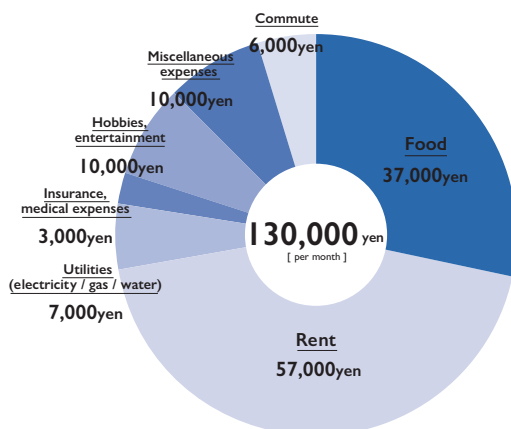
December - February

HIGH 13°C | LOW 4°C

Cost of living

Guide for living expenses

The amount varies depending on the region.



Tuition and other costs associated with study are not included. Reference: Lifestyle Survey of Privately-Financed International Students 2023 (IASSO)

UNDERGRADUATE

Faculty of Humanities and Social Sciences

Faculty of Law

Faculty of Economics and Business Administration

Faculty of Science

Faculty of Urban Environmental Sciences

Faculty of Systems Design

Faculty of Health Sciences

GRADUATE SCHOOL

Graduate School of Humanities

Graduate School of Law and Politics

Graduate School of Management

Graduate School of Science

Graduate School of Urban Environmental Sciences

Graduate School of Systems Design

Graduate School of Human Health Sciences



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