



TOKYO METROPOLITAN UNIVERSITY

首都大学東京

<http://www.tmu.ac.jp/english/index.html>



TOKYO METROPOLITAN UNIVERSITY

VERITAS VOS LIBERABIT

2014

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Message from the President



President: Fumio Harashima

Tokyo Metropolitan University is located in Japan's capital – the world's biggest and most vibrant city. Our mission is to create an ideal urban society, a mission we pursue by engaging in research and education with genuine relevance and benefit to this urban environment and its residents; creating a highly intellectual society with a dynamic industrial structure; and promoting vitality and longevity. TMU engages in research and education for the creation and succession of knowledge to the next generation, and the creation and communication of values and culture for future society.

Education evolved as a result of human kind's need for purpose and fulfillment, the desire to maximize our potential through learning, and training in the arts and sports. Educational systems have also provided the foundation for the world's great civilizations. In line with this important function, universities nurture young individuals capable of creating and advocating a sense of values and culture for the next generation.

Twentieth-century academic research focused on numerical targets such as how fast we could make a shinkansen (bullet train) travel or how small we could make a semiconductor. Academic research has now shifted to an age of choice, asking what we want to do and what should be done. The sporting world is an example of this. Up until the end of the 20th century, interest focused on how fast 100 meters could be run or how much weight could be lifted. More recently, however, popularity has been based on the beauty and grace of sports such as figure skating, rhythmic gymnastics and synchronized swimming. Now, research is evaluated according to human sensitivity, and I hope to make "people-centered" research the focus of our programs. Here at the Tokyo Metropolitan University you establish your identity and determine the direction of your life. It will also probably be the most productive time in your lives in terms of your respective specialized studies.

Features

Study that is interdisciplinary and free

[Basic Mission & Priority Issues]

TMU provides opportunities for learning and research in a broad range of areas and highly specialized sciences, and collaborates with industry to produce results relevant to large cities, nurture humanity and creativity, and improve society.

In order to fulfill our mission, we focus on the following priority issues common to large cities:

- (1) Improving the urban environment
- (2) Creating a highly intellectual society with a dynamic industrial structure
- (3) Realizing a society of vitality and longevity

[Educational Goals]

Emphasizing practical knowledge and respecting student autonomy, TMU makes full use of the urban environment to nurture an active involvement in society.

*Admissions Policy

TMU seeks students equipped with basic academic ability and the following qualities:

- (1) Intellectual curiosity
- (2) Distinctive personality, originality and creativity
- (3) Respect for personal relationships and the desire to contribute to society
- (4) Ambition and a willingness to make an extra effort

[Research Goals]

TMU promotes advanced, relevant research focusing on large cities.

[Contribution to the Community]

Tokyo Metropolitan University serves as a kind of think tank for the Tokyo Metropolitan Government. In addition, by cooperating with private businesses, nonprofit organizations (NPO), institutions and agencies, we contribute to our society by promoting education and research.

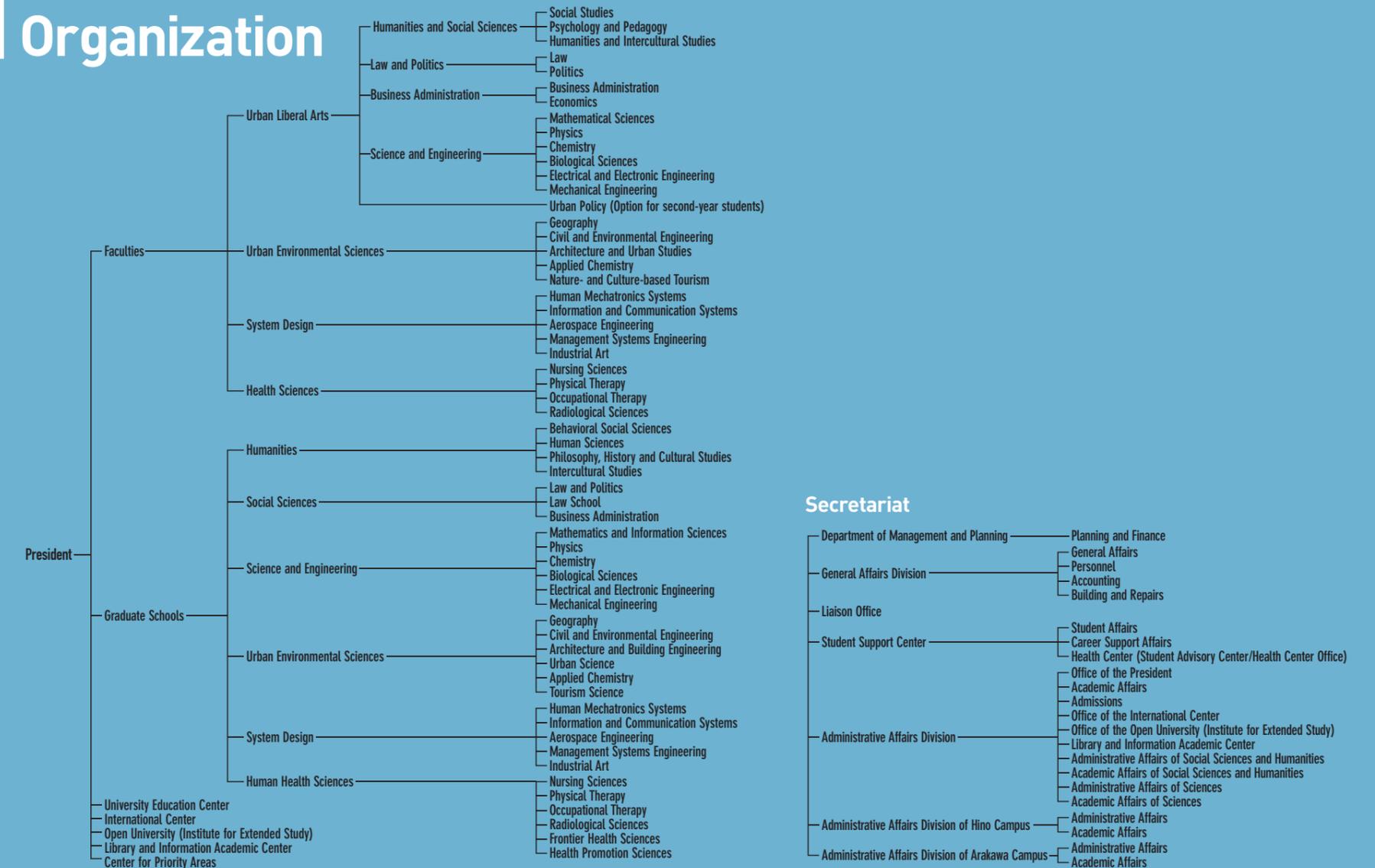


Topics

TMU ranks 7th among Japanese Universities in the Times Higher Education World University Rankings

Tokyo Metropolitan University ranks 266th in the Times Higher Education World University Rankings 2012-2013 which was released on October 3, 2012. The ranking among Japanese Universities is 7th, behind University of Tokyo, Kyoto University, Tokyo Institute of Technology, Tohoku University, Osaka University and Nagoya University. The Times Ranking is based on indicators in Teaching, Research, Citations, Industry income, and International mix. It shows that our university is valued internationally.

Organization



Faculty of Urban Liberal Arts

Covering a wide range of academic fields, the faculty's goals are to provide broad-ranging knowledge suited to 21st-century societies, to support metropolitan development, and to develop human resources to achieve these goals. The faculty combines the key parts of the faculties of Social Sciences and Humanities, Law, Economics, Science, and Engineering. Having carried on the tradition and having brought all the accumulated research and education together, the faculty's mission now is the further development of these. The faculty has sufficient staff to accommodate four schools, and beyond mere numbers, staff quality is among the highest in Japan. The faculty has also established the Division of Urban Policy as an interdisciplinary course to explore problems facing Tokyo and other cities.

School of Humanities and Social Sciences

Degrees in social studies, psychology, pedagogy, humanities and intercultural studies to nurture citizens for global society.

Division of Sociology

- **Sociology:** community, networks, inequality, labor, ethnicity, gender, subculture.
- **Social Anthropology:** anthropological studies (social and cultural), including ethnographical studies in Asia, Africa and around the world.
- **Social Welfare:** living environment, aging, social welfare policy, social work.

Division of Psychology and Pedagogy

- **Psychology:** students integrate theoretical and empirical aspects of psychology, and pursue areas of interest, including mental states,

human experience, or human behavior.

- **Pedagogy:** Studying theoretical and practical aspects of school and adult learning issues. Observation and analysis of school and educational institutions.

Division of Humanities and Intercultural Studies

Philosophy, history, literature and culture, language, and art:

- **Philosophy:** European classics, European philosophy.
- **History and Archaeology:** Japanese, Asian and European histories, archaeology.
- **Japanese and Chinese Cultures:** Chinese and Japanese cultures, including language and literature.
- **European and American Cultures:** English, German and French cultures, including language and literature.
- **Representation and Language Studies:** Visual art, language and culture, cultural representation, linguistic science.

School of Law and Politics

In their 2nd year, students choose between the Division of Law and the Division of Politics. Traditionally, instruction is given in small groups, and students select from a range of specialized seminars. Graduates earn a bachelor's degree (Law). All lectures are given in Japanese.

Division of Law

This division trains students interested in law and other legal professions, and develops skills for legal practice and policy-making necessary in private business and public agencies. Many students in this division continue their studies at Law School or the Department of Law and Political Science within the Graduate School of Social Sciences.

Division of Politics

Multifarious disciplines of politics and public administration are offered, from political history and political thought to cutting-edge quantitative analysis. Courses in constitutional and administrative law and international public law are also available. We provide a broad and well-balanced curriculum. Students have many opportunities to cultivate their understanding of politics and public affairs relating to present-day society, and to become qualified as 'all-rounders' competent in any field of the public and private sectors.



School of Business Administration

The School of Business Administration offers programs in business administration and economics. Subjects covered include business administration, management strategy, organization management, decision-making, marketing, business history, industrial engineering, financial engineering, accounting, macroeconomics, microeconomics, economic history, economic institutions, and economic thought. The school's faculty is renowned for eminent research, enabling students to gain a broad understanding of business administration and economics.

Seminars for junior and senior students feature small group instruction. In addition to employment in the public or private sectors, graduates can choose graduate school. There is also a unique system through which those students with outstanding academic results can enter the graduate school after their 3rd year.

Division of Business Administration

In the Division of Business Administration, students are able to gain a broad understanding of business administration and economics through classes and seminars designed to enrich their knowledge about business firms. The course seeks to nurture excellent future leaders in business or researchers in business administration and economics.

Division of Economics

The Division of Economics provides: (1) a systematic study of economic theories; (2) historical understanding of the development of economic activities; and (3) verification of the theories through empirical data. The Division's aim is to enable students to discern the efficiency of the economic system and to seek and realize a more affluent society.

School of Science and Engineering

The School of Science and Engineering covers the natural sciences and engineering.

Division of Mathematical Sciences

The Division of Mathematical Sciences covers the fundamental mathematical fields of algebra, geometry and analysis. We also offer courses in mathematical information sciences, focusing on discrete mathematics, computer languages, and applications such as cryptography.

See http://www.se.tmu.ac.jp/mis/index_e.html

Division of Physics

Physics helps students recognize that the world is governed by beautiful laws and is full of fresh surprises. We welcome anyone with a strong interest in the problems of physics.

See <http://www.phys.se.tmu.ac.jp/e/>

Division of Chemistry

The Division of Chemistry offers research and educational opportunities in chemistry and recently emerging related areas, such as biological and material sciences.

See <http://www.se.tmu.ac.jp/chem/English/toppage.html>

Division of Biological Sciences

Our aim is study and research throughout basic biology and life science. These fields are moving forward rapidly, quickly making their way into

applications in medical science, agriculture, and environmental science.

See <http://www.biol.se.tmu.ac.jp/en/>

Division of Electrical and Electronic Engineering

Electrical and electronic engineering are essential in many areas. In addition to learning about areas related to basic technology in electrical and electronic engineering, students learn about new disciplines that go beyond the scope of these areas and applied skills essential for professional engineers and researchers.

See <http://www.eee.tmu.ac.jp/en/>

Division of Mechanical Engineering

The Division of Mechanical Engineering offers a curriculum comprising the basics of mechanical engineering; mechanics of materials, mechanics of machinery, thermodynamics and fluid dynamics, balanced with applied subjects.

See http://www.se.tmu.ac.jp/mech/index_e.html

Division of Urban Policy

Option for second-year students

This Division fosters human resources capable of addressing urban policy issues practically and effectively. Our location in the Tokyo metropolis allows students to learn theories and methodologies in policy evaluation and analysis, and develop their ability to draft policies and relate theory and practice to concrete cases. Interdisciplinary subjects encourage a view of policy issues from different angles.



Faculty of Urban Environmental Sciences

A synthetic approach to the urban environment will accelerate solutions to environmental problems of the 21st century.

Important urban elements are classified into six categories: 1) the natural environment, 2) people, 3) materials, 4) energy, 5) information, and 6) man-made structures. The main themes are: people and nature in the Division of Geography, nature and artificial structures in the Division of Civil and Environmental Engineering, people, information, and artificial structures in the Division of Architecture and Urban Studies, materials and energy in the Division of Applied Chemistry, and nature, people, and information in the Division of Nature- and Culture-based Tourism.

Division of Geography

Based on the various fields of geography, students in this division gain integrated knowledge of the mutual interactions between the natural environment and human activity, which are the key constituent elements of an urban area. By studying the basic science subjects and the specialized geographical subjects, including field work and practical training in GIS, students in this division are able to solve various issues confronting humankind.

Division of Civil and Environmental Engineering

The goal of the Division of Civil and Environmental Engineering is to

train talented people equipped with comprehensive views and knowledge to plan and maintain infrastructures in consideration of the sustainability of all the ecosystems on Earth. The division offers three fields: infrastructure, environmental systems, and safety and disaster prevention.

Division of Architecture and Urban Studies

The Division of Architecture and Urban Studies offers academic and professional education for students pursuing careers in building and the urban environment. It covers such specialized fields as architectural history and design, architectural design and planning, city planning, environmental engineering, building materials, building construction, structural engineering, and comprehensive urban issues.

Division of Applied Chemistry

The Division of Applied Chemistry offers a unique educational program based on a wide range of applied chemistry, from basic to advanced areas. The goal of the division is to train highly qualified engineers and researchers as leaders in such fields as chemical materials and devices.

Division of Nature- and Culture-based Tourism Option for third-year students

The Division of Nature- and Culture-Based Tourism aims to provide tourism education by scientific and engineering approaches, and to produce promising graduates who contribute to society as generalists. The division comprises three main fields: the field of culture-based tourism which stands on urban and infrastructure planning studies, the field of nature-based tourism which stand on natural sciences, and the field of tourism policy and information which bridges the previous two fields.



Faculty of System Design

The Faculty of System Design is composed of five programs, human mechatronics systems, information and communication systems, aerospace engineering, management systems engineering and industrial art. This faculty nurtures system engineers and designers with scientific knowledge and artistic sensibility.



Division of Human Mechatronics Systems

Students study system design through interdisciplinary lectures, experiments, and design practice from the perspectives of Mechatronics, Bioengineering, Measurement Engineering, Design Engineering, and Nano-technologies to solve problems of urban and natural environments, aging society, industry and so on.

Division of Information and Communication Systems

Students receive a well-balanced education in basic technology related to information systems and communication systems and in basic technology relevant to a diverse range of applications that support our daily lives and industrial activity. We aim to cultivate individuals who can lead the way in creating new technology in the field of information systems and communications, which is undergoing constant change.

Division of Aerospace Engineering

Students learn basic concepts and systems engineering for the design and development of aircraft and spacecraft as well as

cutting-edge-technologies such as space communications and remote sensing technology.

Division of Management Systems Engineering

Students study management engineering, ergonomics, and social systems engineering, apply them to the designing of management systems based on consideration of human factors and social mechanisms, and improve students' own skill in system design that takes people and urban society into consideration.

Division of Industrial Art

This course catches various city subjects from view points of both engineering and design, and aims at the creation of new value and acceleration for innovation for the huge system of the nation's capital. The curriculum consists of broad special study fields from media art to product design. Students can improve their specialty by touching a broad field across boundaries.



Faculty of Health Sciences

We offer curricula for solving problems faced in Tokyo, including home health care, elderly nursing care, disaster insurance and nursing activities in mega-cities, programs in medical rehabilitation for an aging society and practical training through close links with research institutes in the Tokyo metropolitan area.



Division of Nursing Sciences

The goal of the Division of Nursing Sciences is practical nursing suitable for health issues in large cities like Tokyo. In addition to nursing focused on medical treatment, the division also attaches importance to home care nursing, community health nursing, family nursing, and terminal care.

Division of Physical Therapy

To foster physical therapists in Japan, students learn the basic medical sciences, the clinical medicine, and the physical therapy techniques which is practiced in campus and hospitals.

Division of Occupational Therapy

Students learn about illnesses and disabilities, and acquire knowledge and supportive skills. The division offers tours of hospitals and rehabilitation facilities, and on-site training for balanced experience in



physical disabilities, mental disorders and developmental obstacles. The division also offers programs for the National licensing examination for occupational therapists.

Division of Radiological Sciences

Radiological technologists take X-rays and handle many kinds of medical equipment, such as X-ray CT, magnetic resonance imaging, and ultrasonic diagnosis equipment. Diagnostic radiology, nuclear medicine and therapeutic radiology play key roles in the field of medicine.



Graduate Schools

Graduate School of Humanities

The Graduate School of Humanities offers postgraduate programs for Master's degrees and Doctorates. The school has four departments with sixteen academic disciplines.

Department of Behavioral Social Sciences

- **Sociology:** urban sociology, social networks, gender, subculture, social stratification, sociology of labor, ethnicity, medical sociology, and research methods and social statistics.
- **Social Anthropology:** social and cultural anthropology, ethnographical methods, Asian and African area studies, comparative folklore.
- **Social Welfare:** social policy, social security law, social work, gerontology, poverty, family problems.

Department of Human Sciences

- **Psychology:** experimental, developmental, social psychology.
- **Clinical Psychology:** clinical aspects of psychological studies. (Note: Master's program only)
- **Pedagogy:** history of education, educational policy, developmental psychology, lifelong learning and multicultural education.
- **Language Sciences:** theoretical and experimental linguistics.
- **Japanese Language Education:** Japanese linguistics, teaching Japanese as a second language, language learning through multimedia.

Department of Philosophy, History and Cultural Studies

- **Philosophy:** ancient Greek philosophy, contemporary European and American Philosophy, ancient Greek and Latin literature.

- **History:** histories of Japan, Asia and Europe, and archaeological studies.
- **Cultural Studies:** visual art, language and culture, cultural representation and media studies.

Department of Intercultural Studies

- **Japanese:** Japanese language and literature to the present.
- **Chinese:** Chinese language and literature.
- **English:** British and American literature, English philology, English literature from India and Africa.
- **German:** German literature, German philology, German literature from German-speaking countries.
- **French:** French language and literature.

Graduate School of Social Sciences

This faculty is comprised of the Department of Law and Politics, the Law School, and the Department of Business Administration (including the Business School).

Department of Law and Politics

Students train in a variety of specialized fields concerning law and politics while developing their abilities for academic research.

Law School

The aim of Law School is to nurture lawyers and other legal professionals able to make accurate judgments on legal problems that arise in the international city of Tokyo. We offer excellent skills-training

programs for law and non-law graduates to pass the bar examination to become attorneys, judges, or prosecutors.

Department of Business Administration

The Department of Business Administration offers two types of programs: research-oriented and profession-oriented (Business School). Faculty members are actively involved in research on the frontier of advanced areas of management science, finance and economics, and graduate students receive the full benefit of their findings.

Graduate School of Science and Engineering

Our mission is to expand human knowledge and benefit sustainable human development through research integrated with education in science and technology.

Department of Mathematics and Information Sciences

The Department of Mathematics and Information Sciences offers master's and doctoral courses for qualified students. Department members are actively involved in research at the international level. See http://www.se.tmu.ac.jp/mis/index_e.html



Department of Physics

The Department of Physics performs theoretical and experimental research in a wide range of subjects, including elementary particles, matter, and the universe.

See <http://www.phys.se.tmu.ac.jp/e/>

Department of Chemistry

Our department has three research areas, including the areas of inorganic-analytical chemistry, and organic-biochemical and physical chemistry domains to support wide research disciplines.

See <http://www.se.tmu.ac.jp/chem/English/toppage.html>

Department of Biological Sciences

The graduate program is designed to cover a wide range of fields within biology and the life sciences to train researchers, educators, and engineers. See <http://www.biol.se.tmu.ac.jp/en/>

Department of Electrical and Electronic Engineering

We nurture creative engineers and researchers who have systematic and comprehensive knowledge bases in the field of electrical and electronic engineering, with a focus on the creation, organization, assessment and application of function, as well as a sense of ethics and a sense of mission to contribute to the welfare of humankind through engineering.

See <http://www.eee.tmu.ac.jp/en/>

Department of Mechanical Engineering

The aim of the department is the development of each student's ability for creative research and critical evaluation. The department has a research program which provides opportunities for professional development, whereby students receive individual guidance in their research from faculty supervisors.

See http://www.se.tmu.ac.jp/mech/index_e.html

Graduate School of Urban Environmental Sciences

Graduate School of Urban Environmental Sciences (Minami-Osawa Campus)

The Graduate School aims to develop methodologies to forecast the dynamics of urban environment as well as to solve urban environmental problems, and establish a system of urban environmental science that leads to sustainable societies and “Mega-Cities”.

Department of Geography

The Department trains leading researchers and professional engineers through transdisciplinary researches in the various fields of geography.

Department of Civil and Environmental Engineering

The aim of the Department is to train talented people with a high level of problem-solving skills through the advanced research in Civil and Environmental Engineering.

Department of Architecture and Building Engineering

An integrated set of Master’s and Doctorate programs is offered for advanced students pursuing higher levels of professional competence.

Department of Urban Science

The Department of Urban Science (DUS) offers students the chance to study urban issues ranging over many fields of study.

Department of Applied Chemistry

The Department of Applied Chemistry offers a highly advanced educational program designed to nurture distinguished researchers and engineers engaged in green sustainable chemistry and materials chemistry.

Department of Tourism Science

The department fosters creative people capable of planning nature- and culture-based tourism by scientific and engineering approaches, considering conservation and best use of natural environment and cultural resources.

Graduate School of System Design

We nurture researchers and engineers who possess an engineering perspective of individual elemental technologies.

Department of Human Mechatronics Systems

The Department of Human Mechatronics Systems offers comprehensive programs on highly advanced interdisciplinary topics to realize the environmentally-friendly and innovative mechatronics systems.

Department of Information and Communication Systems

Students acquire cutting-edge practical knowledge on information and communication systems, which form the basic technology that support our highly-networked information society. Students learn comprehensive problem-solving and design skills through advanced topic research, and receive high-level specialized training on media information processing as well as related high value-added technologies.

Department of Aerospace Engineering

This department offers programs leading to the Master of Engineering degree and Ph.D. degree with a major in aerospace engineering. Cooperative graduate school programs with the Japan Aerospace Exploration Agency and the National Institute of Information and Communications Technology also allow students to be supervised by guest professors at these research institutes.

Department of Management Systems Engineering

Our department covers areas of management engineering, ergonomics and social system engineering. Our curriculum is designed to prepare students to become professionals who will serve our community in the field of system design.

Department of Industrial Art

Research in this department covers Product Design and Media Art & Technology. By considering design from both an engineering and cultural perspective, we aim to train researchers and creators of a new design domain for modern society.

Graduate School of Human Health Sciences

The Graduate School of Human Health Sciences focuses on research related to the health of people living in mega-cities. The education of the Graduate School is based on a learning system established by the theories and practical knowledge from a wide range of health science fields.

Department of Nursing Sciences

The Department of Nursing Sciences is engaged in research and education; in nursing sciences under the theme of health of people living in large cities.

Department of Physical Therapy

The aim of the department is for students to learn research on the recovery of movement from physical disabilities, the prevention of disabilities, and life adjustments, and to encourage people to participate actively in society.

Department of Occupational Therapy

This course offers occupational therapists to conduct occupational therapy related research. Students are encouraged to look at the profession from an occupational focus. to contribute evidence and their research may include an interdisciplinary approach.

Department of Radiological Sciences

Utilizing brand new methodologies for information technology, the focus of the department is on clinical problems concerning image processing and on computer science. This course includes knowledge and skills for the qualification of medical physics.

Department of Frontier Health Sciences

Our three groups are engaged in advanced and interdisciplinary research in cognitive neuroscience, clinical neuroscience, and the science of muscle and cell motility, to elucidate critical issues in the human health.

Department of Health Promotion Sciences

The Department of Health Promotion Sciences consists of three interdisciplinary areas: human adaptation, motor behavior, and nutrition/food sciences.



Research Related Facilities



RI Research Facility

RI Research Facility (M)

This facility is used for research involving radioactive isotopes (RI) and radiation at the Minami-Osawa campus. Various types of monitoring and apparatuses 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 staffs and students are registered as the authorized workers.



Physical Education Facility



The Makino Herbarium

Physical Education Facility (M)

This center is engaged in the science of health promotion, which includes the study of human adaptation, motor behavior, and nutrition/food science. The center offers graduate programs leading to a master's degree (health science) and doctoral (Ph.D.) degrees in addition to its undergraduate program (physical education).

The Makino Herbarium (M)

The Makino Herbarium was founded in 1958 with the approximately 400,000 plant specimens kept by the late Dr. Tomitaro Makino (1862-1957), the father of Japanese botany. He described as many as 2,500 new plant species in Japan, and thus his collection contains many "type specimens", which formed the basis of his original description of new species of wild Japanese plants. The Makino Herbarium also houses many specimens obtained from foreign herbaria through the exchange of duplicate specimens from the collection, as well as those collected later from the Bonin Islands, the Himalaya region, China, South America and other areas. At present, the Makino Herbarium possesses about 500,000 plant specimens. It is managed by the staffs of the laboratory of Systematic Botany, Department of Biological Sciences, Graduate School of Science and Engineering. The staffs at the Makino Herbarium investigate modern plant taxonomy, phylogeny and biogeography using modern equipments such as the DNA sequencer and electron microscope in addition to classical taxonomical methods.



Ogasawara Field Research Station

Ogasawara Field Research Station (O)

The Ogasawara Field Research Station was established in 1971. Since then, numerous researchers from TMU have studied the unique nature and culture of these islands as the fourth World Natural Heritage of Japan. Studies are conducted systematically by the Ogasawara Research Committee. The station was rebuilt in 1992 and has served effectively as a base for research and education. Research activities based at the station are published in *Ogasawara Research* and *The Annual Report of Ogasawara Studies* (in Japanese). Such studies contribute to the formation of policies regarding nature conservation and management by the Ministry of the Environment, the Tokyo Metropolitan Government and Ogasawara Village.



Manufacturing Facilities



Science and Engineering Research Facility

Manufacturing Facilities (M)

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

Science and Engineering Research Facility (M)

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 conducted here are related to precise analysis and electron microscopy, high density energy involving lasers, and engineering works and landforms.



High Energy Experimental Facilities

High Energy Experimental Facilities (A)

This Laboratory conducts research and education on such topics as radiotherapy technology using the latest linear accelerator, which was installed in May 2006.

Wind Tunnel Facility (H)

The Facility is equipped with various types of wind tunnels, from a large circuit wind tunnel in which various types of aerodynamic tests are possible, to a supersonic wind tunnel which can create flows faster than the speed of sound.

Wastewater Treatment Plant (M)

This facility is engaged in work on environmental preservation, including the treatment of wastewater, such as processing experimental wastewater for use as gray water.



Wind Tunnel Facility



Wastewater Treatment Plant

* [M] Minami-Osawa, [O] Ogasawara, [H] Hino, [A] Arakawa

Library

The library is an integrated facility comprising the Central Library (Honkan) **(M)**, the System Design Library (Hinokan) **(H)**, the Health Sciences Library (Arakawakan) **(A)**, and 5 Faculty Libraries. The Library meets a variety of needs by providing online databases, electronic journals, e-books, a reference service based on librarian, inter-library loans (ILL), and consortia with other universities.

The facility's collection of 1,900,000 volumes can be searched by OPAC (Online Public Access Catalog). In addition, we are offering an institutional repository "MIYAKO-DORI" (since FY2010) that publishes so many to society.



Central Library (M)



System Design Library (H)



Health Sciences Library (A)

[Library Networks]

The university holds more than 1,900,000 volumes within its faculty and graduate school libraries at Minami-Osawa, Hino, Arakawa, Harumi and Shinjuku campuses. Titles can be searched through OPAC (Online Public Access Catalog) which makes it possible for students and faculties to obtain books or copies from the university's different campuses.

[Reference Services]

Librarians are assigned to most libraries at the university to give information and advices for how to use libraries, searching for materials and informations, how to write reports and solve problems.

[Open Libraries for Tokyo Residents]

People living or working in Tokyo can browse, copy, and borrow some academic materials that collected for education and research at the university.



Audiovisual Classroom (M)



Computer Room (M)

AV Facility (M)

The audiovisual facilities consist of four classrooms equipped with the CALL system, the AV library, and the audiovisual classroom. Students may borrow laptop computers and make use of a wide range of materials.



AV Library (M)

CALL Classroom

The AV Facilities contains one large-scale and one small-scale group lecture hall containing CALL system terminals equipped with response features. Building No. 6 contains two large-scale lecture halls.

Audiovisual Classroom

The AV department uses computer-controlled equipment and a variety of AV material for film and theater classes.

Information Processing Facilities

Information systems are available for education and research at departments and laboratories. An Internet connection environment and e-mail service using high-speed circuits are available for students and teaching staff.



CALL Classroom

Computer Room

Each campus has a computer room. In addition to use for computer and information education classes, the facility is available for use by individual students at any time during open hours.

Wireless LAN

Each Campus offers wireless LAN access points. Students are welcome to access the campus network using their own or rental laptop computers.

* **(M)** Minami-Osawa, **(H)** Hino, **(A)** Arakawa

Campus Facilities

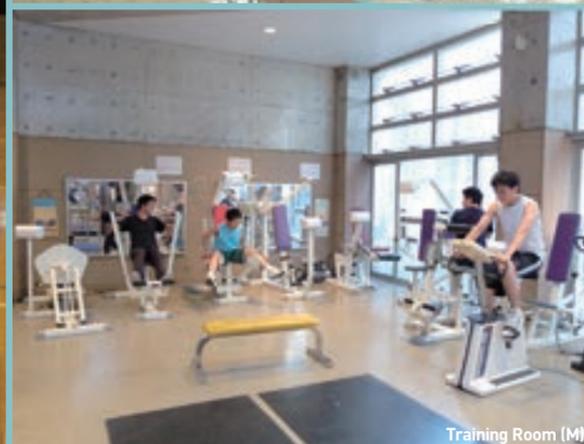
Exercise Facilities



Gymnasium [M]



Indoor Swimming Pool [H]



Training Room [M]

Campus Store



Convergence Street [M]

Student Dormitory



Kishukusha and Ohtoryo [M]



Center for Priority Areas

With the aim of promoting a sustainable society, TMU has identified several priority research areas befitting the concept of world-class Centers of Excellence (COE), which will be the foundation of the University's sophisticated research infrastructure.

The organization will consist of leading researchers in each of the respective research fields and will perform cutting-edge research on important issues. Under the President, the Center for Priority Areas will collaborate with a broad range of researchers both in and outside the University.

Student Support Center

The Student Support Center consists of the Student Affairs Section, the Careers Support Section and the Health Center. The Student Affairs Section offers services ranging from extracurricular activities to information on scholarships. Outstanding students can apply for full/half exemption of tuition each term. See page 28 for details. The Careers Support Section mainly handles the following kinds of support.

- ① Detailed advice from career counselors on career formation and employment
- ② A wide variety of employment and career support events
- ③ Provision of job opening information
- ④ Support for internships

University Education Center

The University Education Center (UEC) is responsible for the prerequisite courses that help students start their university life. It offers courses such as Language Learning, Information Literacy, Urban Liberal Arts Program, and Freshman Seminar.

In addition, UEC is responsible for entrance examinations and provides Faculty Development programs to improve the quality of education at TMU.

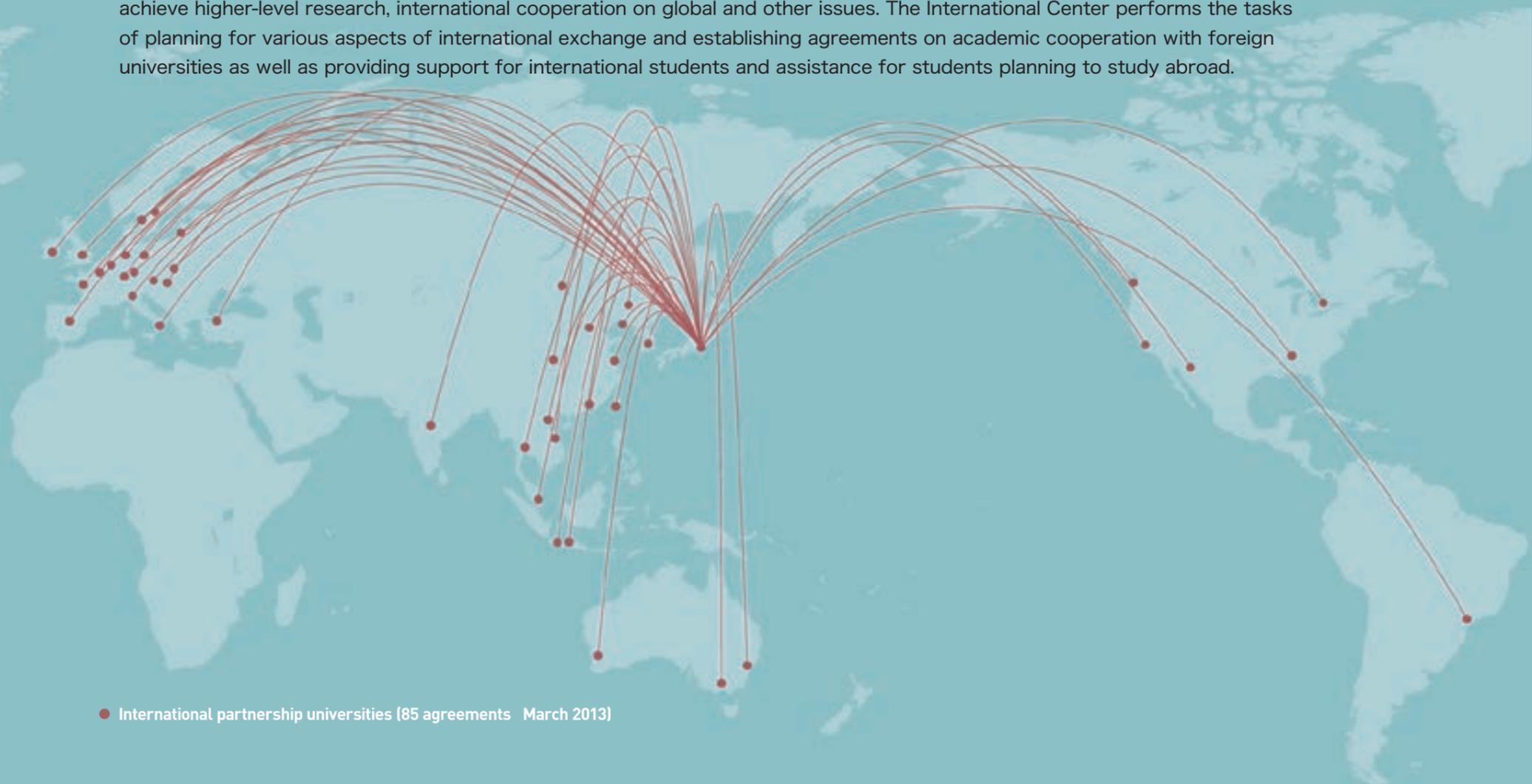
Open University (Institute for Extended Study)

Responding to the needs of residents and working adults in Tokyo, the Open University's Lifelong Learning Center was established to return the results of academic research carried out at the university and contribute to the activation of regional society.

* [M] Minami-Osawa, [H] Hino, [A] Arakawa

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, 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 foreign universities as well as providing support for international students and assistance for students planning to study abroad.



List of International Agreements

Number of agreements concluded (as of March 1, 2013)

- inter university agreements: 51 agreements with 46 partners
- inter faculty agreements: 44 agreements with 39 partners

List of international agreements / inter university agreements

University Organization	Countries regions	University Organization	Countries regions	University Organization	Countries regions
1. Dalian University of Technology	China	17. Chulalongkorn University	Thailand	33. Rennes 2 University	France
2. Hong Kong University of Science and Technology	China	18. King Mongkut's University of Technology Thonburi	Thailand	34. University of Paris-Sud 11	France
3. Northeastern University	China	19. Mahidol University	Thailand	35. International Organization for Research and Education on Mechatronics	France
4. Indonesia University of Education	Indonesia	20. Thammasat University	Thailand	36. Fachhochschule Kaiserslautern - University of Applied Sciences	Germany
5. University of Indonesia	Indonesia	21. Hanoi Architectural University	Vietnam	37. Óbuda University	Hungary
6. Universiti Teknologi Malaysia	Malaysia	22. Hue University	Vietnam	38. University College Cork	Ireland
7. Chung-Ang University	South Korea	23. Edith Cowan University	Australia	39. The Politecnico di Milano	Italy
8. Hanyang University	South Korea	24. Macquarie University	Australia	40. University of Basilicata	Italy
9. Kumoh National Institute of Technology	South Korea	25. Royal Melbourne Institute of Technology	Australia	41. Siauliai University	Lithuania
10. University of Seoul	South Korea	26. University of Technology, Sydney	Australia	42. AGH University of Science and Technology	Poland
11. Chinese Culture University	Taiwan	27. Royal Roads University	Canada	43. Escuela Universitaria Cardenal Cisneros, Alcala University	Spain
12. National Chiao Tung University	Taiwan	28. The University of Western Ontario	Canada	44. Oxford Brookes University	U.K.
13. National Chung Cheng University	Taiwan	29. University of Waterloo	Canada	45. The School of Oriental and African Studies, University of London	U.K.
14. National Taiwan Normal University	Taiwan	30. Georgia Institute of Technology (The Board of Regents of the University System of Georgia)	U.S.A.	46. Sabanci University	Turkey
15. National Tsing Hua University	Taiwan	31. The University of Vienna	Austria		
16. Taipei Municipal University of Education	Taiwan	32. Lille 1 University	France		

Accepting Students from Overseas

Full-Time Students

Admission test for undergraduate students

Tokyo Metropolitan University has four faculties, three of which, except for the Faculty of Health Sciences, require applicants to take the entrance examination. Students will earn bachelor's degrees upon graduation once they complete the compulsory subjects and credits required by the schools, divisions, and programs. The admissions test and classes are provided in Japanese. Proficiency in the Japanese competence is thus a critical prerequisite for enrollment.

Admissions test for graduate school students

Since each graduate school manages its own recruitment and screening, students wishing to enroll as graduate students are encouraged to visit the website of the school they are interested in for application guidelines.

Exchange Students

Students from universities that have student exchange agreements with TMU are eligible to enroll as exchange students for periods of six months or one year.

Tutor Program

TMU has a one-on-one tutoring system for the first-year international students to support their studies and research at the university and life in Japan.

Classes for Japanese Language / Culture

TMU provides Japanese language classes for those who want to learn Japanese from the basics and to further polish their Japanese skills. We also offer Japanese language learning workshops given in English, Chinese and Korean, from the beginner to advanced levels.

Consultations for international students

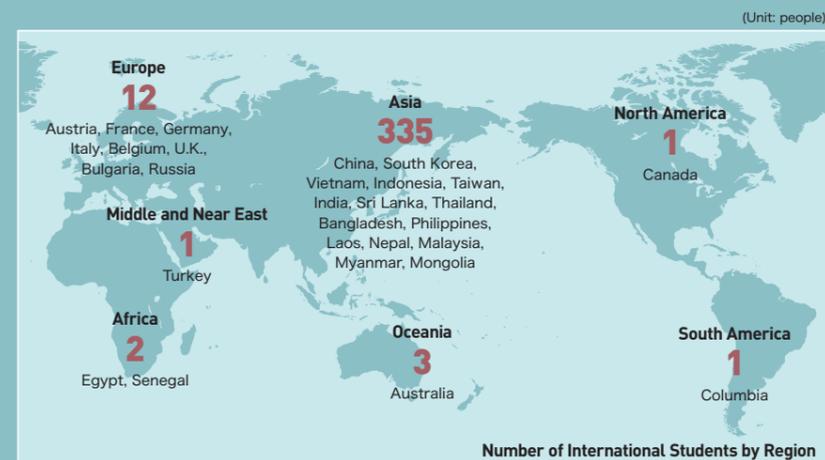
International student advisor gives advice to international students for a wide range of problems they may encounter in their day-to-day life on and off campus.

Seminars for international students

Various lectures including an overnight seminar are provided to give international students an opportunity to interact with other international and Japanese students and learn on Japanese history, culture, nature and cross-cultural understanding.

Support for academic writing

Japanese graduate students at the university who have undergone special training assist international students in developing their report and paper writing skills such as composing and revising.



Special Programs for Exchange Students

Semester Abroad at Tokyo Metropolitan University (SATOMU)

On the basis of exchange agreements with overseas universities, TMU offers half-year or one-year programs for exchange students.

Courses conducted in English

Students have the option of taking these courses in conjunction with Japanese Language Classes.

Regular students have the option of taking some SATOMU courses as well.

	Course Title	Time Table
1	Japanese Language and Society	Second Semester
2	The Japanese Language	First Semester
3	Intercultural Communication and Interaction	Second Semester
4	Music-making in Japan	First Semester
5	Global Mindset	First Semester
6	Contemporary Japanese Society	Second Semester
7	Topics in Social Sciences	First Semester
8	My place in the global world	First Semester
9	Tourism Theories and Practice	Second Semester
10	Introduction to Robotics	Second Semester
11	Beginning Programming for Computer Graphics	Second Semester
12	Business Process Engineering	Second Semester
13	Introduction to Aerospace Engineering	Second Semester
14	Healthcare in Japan	Second Semester



Lectures & Seminars (in English)

- **Tokyo and Urban Societies** ... Subjects on current issues of the environment, industry and society specifically in Tokyo and other metropolitan cities
- **Japan** ... Subjects on culture, society, history, industry, and technology in Japan <e.g. Japanese Language and Society, Current affairs in Japan.>
- **Global Society** ... Subjects on global society and analysis from the Japanese point of view <e.g. Intercultural understandings, Japanese Communication styles>

Classes for Japanese Language Learners

Japanese Language Classes are available to help students get the most out of their studies at TMU (24 classes per week covering all levels, from basic to highly advanced). TMU also offers classes on Japanese Affairs to help students learn more about Japanese culture and society. Students may also want to take Japanese Language Workshops taught in English, Chinese, and Korean.

Teaching for Individual Research

Faculties are matched with students for individual guidance in specific areas of research.

* Programs run for six months or one year.

* Students are also eligible to participate in classes provided in Japanese at each faculty.

Short-Term Japanese Language Training Program (2 weeks -)

For more details on curriculum and schedules, please feel free to contact us.

Facilities for International Students

Student Residence

Student Residence is located on Minami-Osawa campus.

International Student House (ReENT TAMADAIRA)

The TMU international student house is aiming at promoting the exchange of different culture and fostering internationally-minded persons who can contribute to creating internationalized community and university through the experience of living with students from all around the world in a shared house as well as participating various kinds of community events.

Campus shuttle bus service between Minami-Osawa and Hino campus is available.

International House

The International House located on Minami-Osawa Campus provides accommodations for researchers and graduate students from overseas.

International Exchange Room

The International Exchange Room is a multi-purpose facility where international students can study Japanese and interact with Japanese students, university staff and people from the local community. In addition, this Room has equipment for video conferencing, and the development and use of multi-media teaching materials. International Students are encouraged to make a frequent use of this Room for study and various other activities.

International Student Counseling Room

On Minami-Osawa Campus, the international student advisor is available for counseling to help international students cope with interpersonal problems, daily life, health care, visa and other concerns. You are welcome to seek counseling for any kind of trouble or anxiety.

Tuition and Enrollment Fee

AY 2013 Tuition and Enrollment Fee (tentative)

◇Enrollment fee (1st year only)	Tokyoite	141,000JPY
	Citizens Outside	282,000JPY
◇Tuition fees (Annual amount)		520,800JPY

Reduction and Exemption

Tuition Reduction and Exemption

In order to mitigate 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 endured an earthquake or other natural disaster while studying in Japan.

Please see the Student Affairs Section website for further details.

Scholarships

The types of scholarships available for international students are as follows:

- ◇Japanese Government (Monbukagakusho: MEXT) Scholarship
- ◇Japan Student Services Organization (JASSO) Honors Scholarship for Privately Financed International Students
- ◇Scholarships by Local Governments and Local International Associations
- ◇Scholarships by Private Foundations



Tea room



Lever son Verre (Restaurant)

Comments from International Students



Exchange Student from Edith Cowan University

Department of Humanities and Intercultural Studies,
Faculty of Urban Liberal Arts

Amanda Parks (From Australia)

I came to know Tokyo Metropolitan University (TMU) through my university, Edith Cowan University (ECU) in Australia, which has an International Exchange Agreement with TMU. I chose TMU so I could have the opportunity to attend advanced Japanese language classes and other undergraduate classes in Japan's capital, Tokyo.

I signed up for TMU's Semester Abroad at Tokyo Metropolitan University (SATOMU) program, and am taking four Japanese language classes and two English language classes. In my Japanese classes we are working on listening comprehension and self-expression as well as how to write reports, make presentations and more.

The classes are very interesting and full of friendly people. In my intercultural exchange class, I am very happy to have made a large number of Japanese and Chinese friends. I am also enriching my academic life by attending seminars at the International Center and taking part in an international exchange circle. Through day-to-day life in international student housing, I have been able to improve my Japanese language skills dramatically and am highly satisfied with the results.

I am also extremely pleased with TMU's tutor program and the undergraduate courses and seminars.

I was concerned beforehand that I would struggle with the complexities of the Japanese language, but in times of difficulty, I have been able to get all the help and support I need from tutors, professors and the International Center staff.

As a university with fascinating classes and seminars, and staff and teachers who are always kind, I highly recommend TMU.

(Interviewed in January 2013)



Asian Human Resources Fund Scholarship Student

3rd year, Doctoral course, Department of Aerospace Engineering
Graduate School of System Design

Agus Trilaksono (From Indonesia)

My research is about Composite Structural Health Monitoring (CSHM). The main objective is to detect damage in composite structure (especially applied in aircraft structure) before it reaches a critical stage to increase the safety and reliability of the structure.

At least there are two advantages to conduct this research in the future; in Design and Maintenance. The first is in Design which it needed by the manufacturer to offer aircraft with increasing fuel efficiency while reduction of structural weight in order to meet market expectation. And the second is in Maintenance which it increases significantly for direct reduction of operating costs, therefore decreasing maintenance costs and increasing of the aircraft capability. Hence the design can be optimized, while maintaining airworthiness aspects.

Professor Naoyuki Watanabe is a calm teacher and has encouragement to student so I can learn the new knowledge better and not stressed. He is also like a parent.

Another one how interesting conduct research in TMU is because our labs fully furnished facility which it support my research; testing machine for getting mechanical behavior, equipment for structural health monitoring and non-destructive inspection for damage characterization.

Studying abroad is always interesting, not just have a new experience in technical approach but also seeing a new culture and meeting with nice persons. With TMU I got all of the benefits. Anyways TMU is a beautiful campus with quite atmosphere and having a good grade as a world class university, ideal for studying. Combining with a very good support from International student affair then it all makes me at home, a memorable opportunity.

(Interviewed in January 2013)

Grade History

Campus Calendar



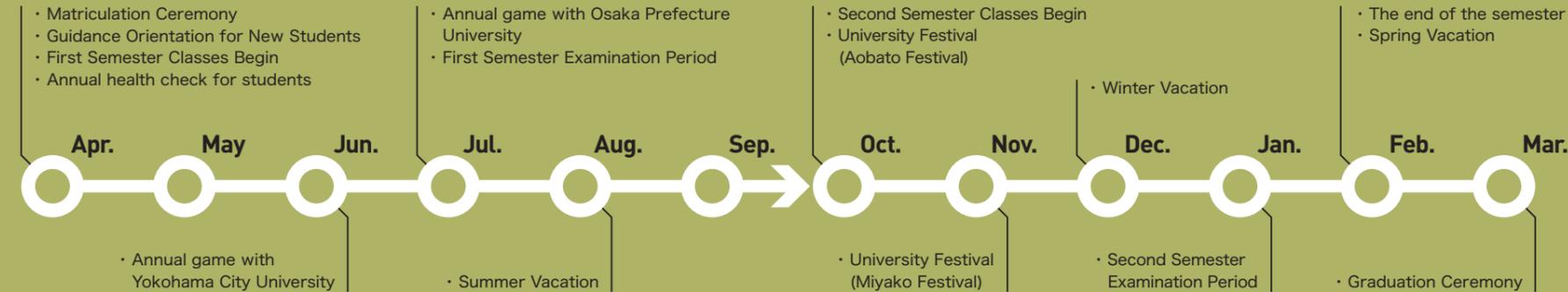
Summer



Winter

First Semester (April 1 – September 30)

Second Semester (October 1 – March 31)



Spring



Fall

Annual Game with Osaka Prefecture University/ Annual Game with Yokohama City University

Tokyo Metropolitan University sponsors an all-round sports competition with Osaka Prefecture University in July of every year. Now in its 61th year, this even has a long history. About 30 sporting events, including baseball, tennis, soccer and track and field, have taken place at venues in Osaka and Tokyo every two years in rotation. We also have annual games with Yokohama City University in June of every year. Through such competitive events, we strive to deepen friendly relations among students beyond the boundaries of universities.

School Festival (Miyako Festival (M)/ Aobato Festival (A))

When the leaves of the trees on TMU campuses turn red, we have school festivals. In addition to the presentation of activities by classes and clubs, students organize exhibitions, lectures, movies, talk shows, and concerts. Students also open booths which are great places for interaction among students, teachers, and people in the region. Minami Osawa Campus hosts the finale of the festival with splendid fireworks.



Miyako Festival



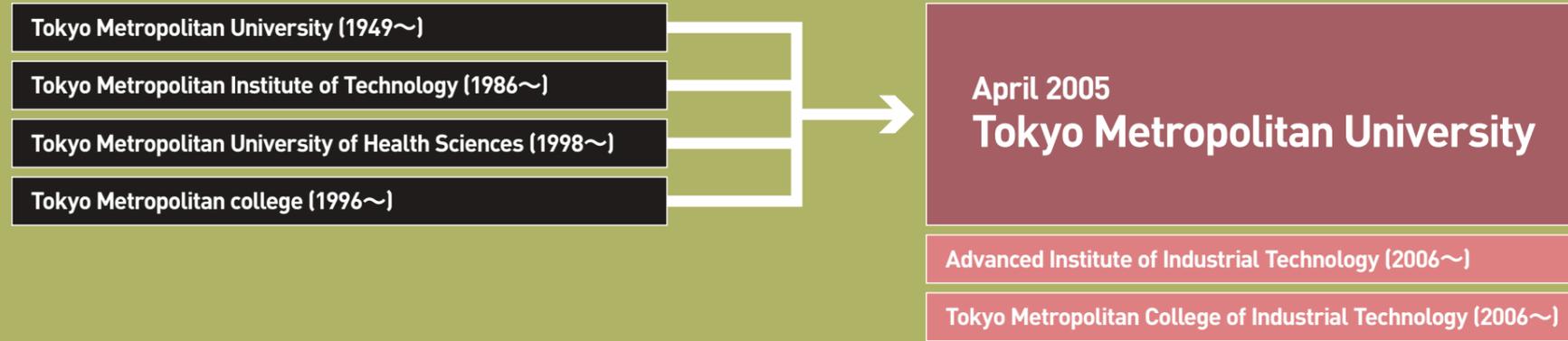
Annual Game with Yokohama City University

* [M] Minami-Osawa, [H] Hino, [A] Arakawa



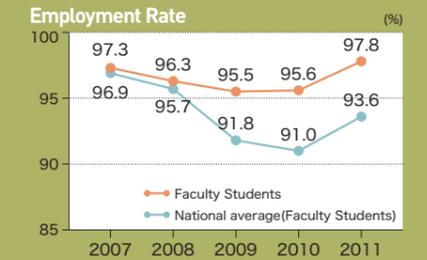
Public Information

Tokyo Metropolitan University is established and operated by the Tokyo Metropolitan Government.

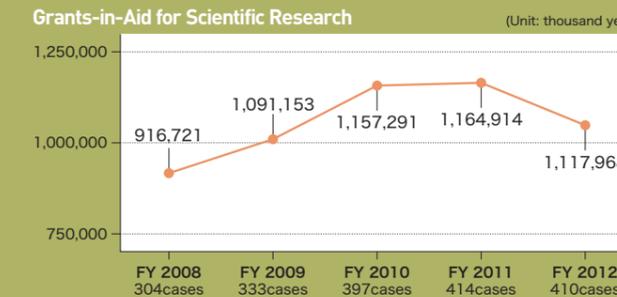


Enrollment (As of May 1, 2012)

Faculty		Students		Exchange Students	
President	1	Faculty Students	7,069	Faculty Students	42
Vice-Presidents	4	Graduate Students	Master's 1,595	Graduate Students	Master's 122
Professors	294		Doctoral 602	Graduate Students	Doctoral 126
Associate Professors	223		Specialist 129		248
Assistant Professors	167		2,326	Researchers	65
Assistants	3	Researchers	95	Total	355
Total	692	Total	9,490		



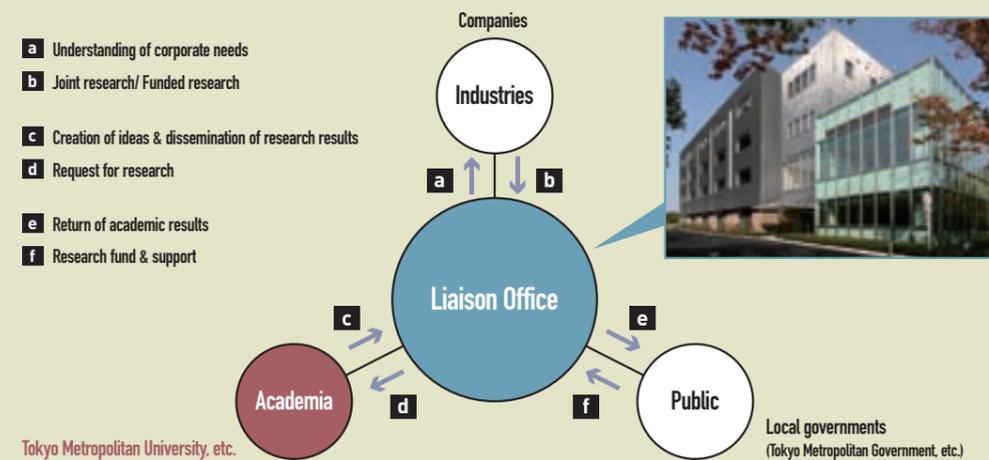
List of Grants-in-Aid for Scientific Research and other external fund received



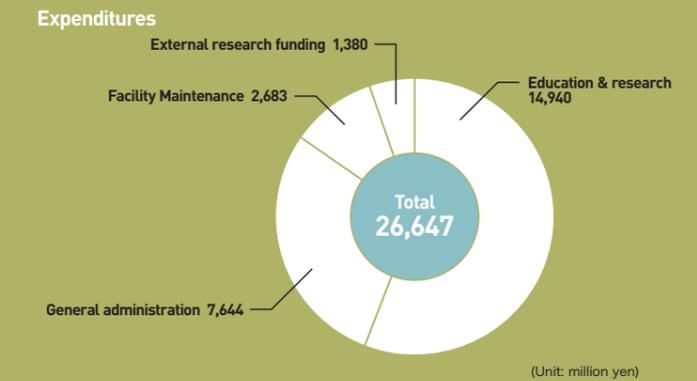
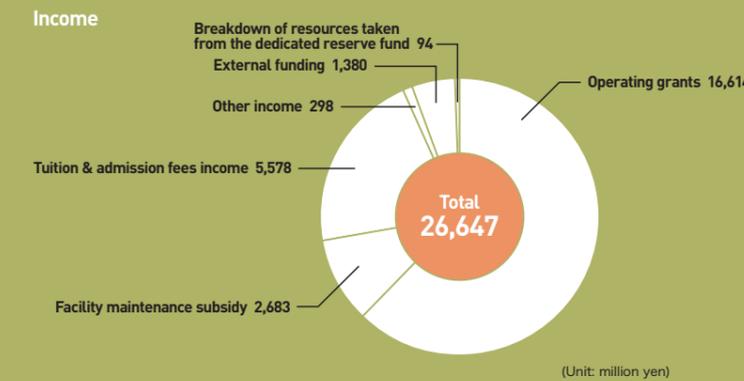
Category	Cases	Amount (thousand yen)
Industry-Academia Joint Research	113	195,104
Funded Research	17	20,252
Specified Research Donations	116	100,406
Open-Type Proposed Research	67	440,394
Total	313	756,156

Liaison Office

In order to share TMU's academic research findings and intellectual property broadly with the business world and the regional community, the Liaison Office is promoting joint research, commissioned research and other partnerships by presenting the university's new and promising research, identifying the needs of businesses, and developing networks within the community. TMU also supports our teaching staff's research activities by facilitating the external funding of research, notably through Grants-in-Aid for Scientific Research at the university.



FY2013 Budget



* Operating grants and facility maintenance subsidy are provided by the Tokyo Metropolitan Government, the parent organization.

Campus Map



Minami-Osawa Campus

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

- Faculty of Urban Liberal Arts
- Faculty of Urban Environmental Sciences
- Faculty of System Design (Freshman & Sophomore)
- Faculty of Health Sciences (Freshman)



《Access》

[JR] 5-minute walk from the ticket gate at the Minami Osawa Station, Keio Sagami Line.
*As you exit the ticket gate, on the right hand you will see the campus surrounded by greenery.

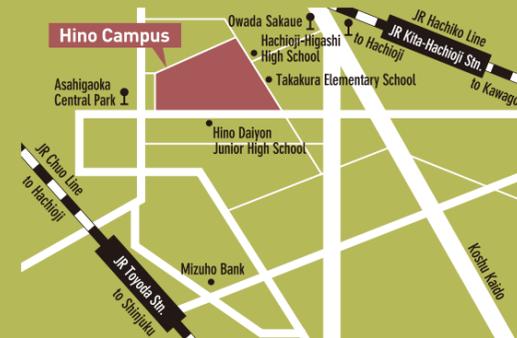
International Center

Tel. +81-42-677-4958 Fax. +81-42-677-5644
E-mail kokusai-center@mj.tmu.ac.jp

Hino Campus

6-6 Asahigaoka, Hino-shi, Tokyo 191-0065, Japan
Tel. +81-42-585-8606

- Faculty of System Design (Junior and Senior Students)



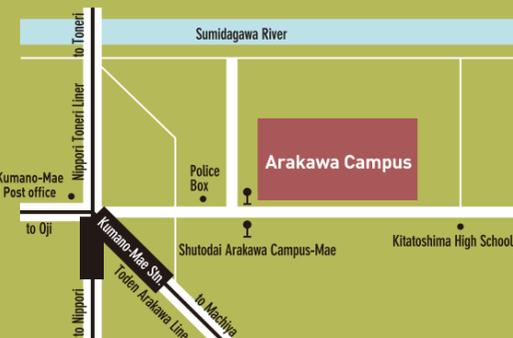
《Access》

[JR] 20-minute walk from the North Exit of Toyoda Station, Chuo Line, or take the Keio Bus for the "Hirayama Kogyo Danchi Junkan" route (for about 10 minutes) to the "Asahigaoka Chuo Koen" stop, and then walk 5 minutes.
From the North Exit of Hachioji Station, Chuo Line, take the Keio Bus for the "Hino-Eki Yuki" or the "Toyoda-Eki Yuki" route to the "Owada Sakaue" stop, and then walk 10 minutes.
[Keio Line] From the West Exit of Keio Hachioji Station, take the Keio Bus for the "Hino-Eki Yuki" or the "Toyoda-Eki Yuki" route to the "Owada Sakaue" stop, and then walk 10 minutes.

Arakawa Campus

7-2-10 Higashi-Oku, Arakawa-ku, Tokyo 116-8551, Japan
Tel. +81-3-3819-1211

- Faculty of Health Sciences (Sophomores to Senior Students)



《Access》

[JR] From the Tabata Station, Yamanote Line, catch the To-Bus (Bata Route 44) bound for "Kita-Senju Eki-Mae," and get off at the "Shutodai Arakawa Campus-Mae" stop.
[Toden Arakawa Line] Get off at the Kumano-Mae Station, and then walk 3 minutes.
[Nippori Toneri Liner] Get off at the Kumano-Mae Station and then walk about 3 minutes.



Harumi Campus

1-2-2 Harumi, Chuo-ku, Tokyo 104-0053, Japan

- Law School



Shinjuku Satellite Campus

2-8-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-8001, Japan
(Tokyo Metropolitan Main Building No.1, 26F)

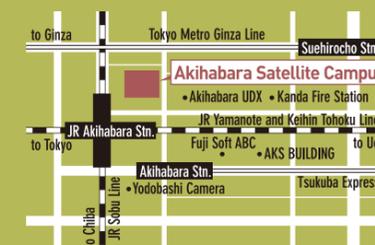
- Business School



Iidabashi Campus

3-5-1 Iidabashi, Chiyoda-ku, Tokyo 102-0072, Japan
(Tokyo Kusei Kaikan, 3F)

- Open University (Institute for Extended Study)



Akihabara Satellite Campus

1-18-13 Soto-kanda, Chiyoda-ku, Tokyo 101-0021, Japan
(Akihabara Dai Bldg., 12F)

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