

Maps and Data University of Tsukuba

At a Glance

2021 Academic Year
(Apr.1-Mar.31)



筑波大学

University of Tsukuba

1 HISTORY, CREST & SLOGAN

History

The University of Tsukuba was established in October 1973, due to the relocation of its antecedent, the Tokyo University of Education, to the Tsukuba area. As the new concept comprehensive university in Japan to be established under a country-wide university reform plan, the University has featured “Openness” with “New Systems for Education and Research” under a “New University Administration.” The university reform plays a major role in our continuing effort for improvement. We are striving to create a unique, active, and internationally competitive university with superlative education and research facilities.

Crest



The University of Tsukuba’s “five-and-three paulownia” crest derives from the emblem adopted by Tokyo Higher Normal School students in 1903 for their school badge, which was inherited by the Tokyo University of Education in 1949. Later, in 1974, the University Council officially approved the crest as the school insignia of the University of Tsukuba.

The “five-and-three paulownia” design is based on a traditional Japanese motif, but brings a unique variation to the classic style: the University of Tsukuba crest is different because only the outline of the flowers is depicted.

The color of the crest is CLASSIC PURPLE, the official color of the University of Tsukuba.

Slogan

IMAGINE THE FUTURE.

(Japanese)

開かれた未来へ。

Since its inception, the University of Tsukuba’s philosophy has been one of openness as we seek to forge a better future through education, research, and all other aspects of academia. That philosophy is summed up in our slogan, “IMAGINE THE FUTURE.”

2 ACADEMIC ORGANIZATION

9 Schools, 23 Colleges, 1 Specific Degree Program, School of Comprehensive Studies

Schools

Colleges

Humanities and Culture

Humanities, Comparative Culture, Japanese Language and Culture

Social and International Studies

Social Sciences, International Studies

Human Sciences

Education, Psychology, Disability Sciences

Life and Environmental Sciences

Biological Sciences, Agro-Biological Resource Sciences, Geoscience

Science and Engineering

Mathematics, Physics, Chemistry, Engineering Sciences, Engineering Systems, Policy and Planning Sciences, Bachelor's Program in Interdisciplinary Engineering

Informatics

Information Science, Media Arts, Science and Technology, Knowledge and Library Sciences

Medicine and Health Sciences

Medicine, Nursing, Medical Sciences

Physical Education, Health and Sport Sciences

Art and Design

Comprehensive Studies*

*After their first year in the School of Comprehensive Studies, students will belong to another college/school group.

3 Graduate Schools, 6 Degree Programs +6 Programs, 56 Specific Degree Programs

Graduate School of Business Sciences, Humanities and Social Sciences

Degree Programs in Humanities and Social Sciences (3 Specific Degree Programs)

Humanities, International Public Policy, International and Advanced Japanese Studies

Degree Programs in Business Sciences (2 Specific Degree Programs)

Law, Business Administration

Law School Program

MBA Program in International Business

Graduate School of Science and Technology

Degree Programs in Pure and Applied Sciences (5 Specific Degree Programs)

Mathematics, Physics, Chemistry, Engineering Sciences, Materials Innovation

Degree Programs in Systems and Information Engineering (8 Specific Degree Programs)

Policy and Planning Sciences, Service Engineering, Risk and Resilience Engineering, Computer Science, Intelligent and Mechanical Interaction Systems, Engineering Mechanics and Energy, Empowerment Informatics, Life Science Innovation (Bioinformatics)

Degree Programs in Life and Earth Sciences (12 Specific Degree Programs)

Biology, Agro-Bioresources Science and Technology, Agricultural Sciences, Life and Agricultural Sciences, Bioindustrial Sciences, Geosciences, Environmental Sciences, Environmental Studies, Mountain Studies, Life Science Innovation (Food Innovation), Life Science Innovation (Environmental Management), Life Science Innovation (Biomolecular Engineering)

Joint Master's Degree Program in Sustainability and Environmental Sciences

Graduate School of Comprehensive Human Sciences

Degree Programs in Comprehensive Human Sciences (26 Specific Degree Programs)

Education, Psychology, Disability Sciences, Counseling, Counseling Science, Rehabilitation Science, Neuroscience, Medical Sciences (Doctoral program), Nursing Science, Medical Sciences (Master's program), Public Health (Master's program), Human Care Science, Public Health (Doctoral program), Sports Medicine; Physical Education, Health and Sport Sciences (Master's program); Sport and Olympic Studies; Physical Education, Health and Sport Sciences (Doctoral program); Coaching Science, Sport and Wellness Promotion, Art, Design, Heritage Studies, Informatics, Human Biology, Life Science Innovation (Disease Mechanism), Life Science Innovation (Drug Discovery)

Joint Master's Program in International Development and Peace through Sport

Joint Doctoral Program in Advanced Physical Education and Sports for Higher Education

International Joint Degree Master's Program in Agro-Biomedical Science in Food and Health

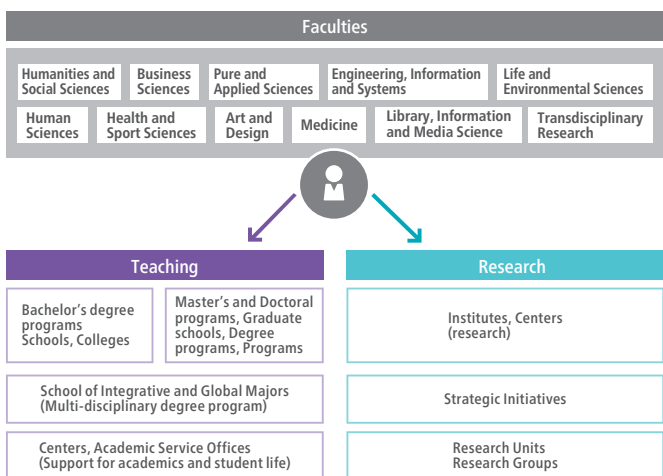
School of Integrative and Global Majors (SIGMA)

Ph.D. Program in Humanics, Bachelor's Program in Global Issues

3 FACULTY & STAFF

Tsukuba's Unique System of Faculty Organizations

Educators at the University of Tsukuba belong to “faculties”; each pursues basic research and teaches at his or her assigned schools, colleges, graduate schools, degree programs, programs, and centers, but the basic affiliation remains with a single faculty. By making the organizational units that educators belong to (i.e., the faculties) independent of where they teach and research, we have made it possible for educators to participate in different departments and schools, thus promoting a more pan-disciplinary, cross-sectional structure conducive to the easier creation of new programs.



Faculty & Staff Numbers

As of May 1, 2021

		Total	Females	Non-Japanese	Non-Japanese Females
Directors		11	2	1	1
Teaching Faculty	Professors	581	63	15	4
	Associate Professors	559	106	44	16
	Lecturers	213	52	1	0
	Assistant Professors	497	134	75	33
	Assistants	1	0	0	0
	Teachers at Laboratory Schools	544	255	3	2
	Subtotal	2,406	612	139	56
Staff	Administrative Staff	1,147	723	11	6
	Technical/Medical Staff	1,761	1,219	10	6
	Subtotal	2,908	1,942	21	12
Total		5,314	2,554	160	68

Source: School Basic Survey Conducted by Ministry of Education, Culture, Sports, Science and Technology

4 STUDENT BODY (SCHOOLS & COLLEGES)

As of May 1, 2021

	Total	Males	Females
School of Humanities and Culture			
College of Humanities	502	290	212
College of Comparative Culture	339	115	224
College of Japanese Language and Culture	152	40	112
School of Social and International Studies			
College of Social Sciences	358	215	143
College of International Studies	358	148	210
School of Human Sciences			
College of Education	155	82	73
College of Psychology	220	87	133
College of Disability Sciences	155	47	108
School of Life and Environmental Sciences			
College of Biological Sciences	340	182	158
College of Agro-Biological Resource Sciences	536	249	287
College of Geoscience	207	146	61
School of Science and Engineering			
College of Mathematics	159	144	15
College of Physics	246	209	37
College of Chemistry	198	133	65
College of Engineering Sciences	501	443	58
College of Engineering Systems	543	495	48
College of Policy and Planning Sciences	507	375	132
Bachelor's Program in Interdisciplinary Engineering	10	8	2
School of Informatics			
College of Information Science	370	345	25
College of Media Arts, Science and Technology	241	204	37
College of Knowledge and Library Sciences	406	206	200
School of Medicine and Health Sciences			
College of Medicine	838	542	296
College of Nursing	315	15	300
College of Medical Sciences	145	40	105
School of Physical Education, Health and Sport Sciences	1,025	730	295
School of Art and Design			
	445	98	347
School of Integrative and Global Majors			
	24	9	15
School of Comprehensive Studies			
	420	308	112
Total	9,715	5,905	3,810

4 STUDENT BODY (GRADUATE SCHOOLS)

Reorganized Graduate Schools (AY 2021 Established)		As of May 1, 2021	
	Total	Males	Females
Graduate School of Business Sciences, Humanities and Social Sciences			
Degree Programs in Humanities and Social Sciences	295	117	178
Degree Programs in Business Sciences	154	119	35
Law School Program	78	60	18
MBA Program in International Business	63	43	20
Graduate School of Science and Technology			
Degree Programs in Pure and Applied Sciences	681	576	105
Degree Programs in Systems and Information Engineering	1,223	1,011	212
Degree Programs in Life and Earth Sciences	829	476	353
Joint Master's Degree Program in Sustainability and Environmental Sciences	4	2	2
Graduate School of Comprehensive Human Sciences			
Degree Programs in Comprehensive Human Sciences	1,587	869	718
Joint Master's Program in International Development and Peace through Sport	10	6	4
Joint Doctoral Program in Advanced Physical Education and Sports for Higher Education	7	4	3
International Joint Degree Master's Program in Agro-Biomedical Science in Food and Health	13	6	7
School of Integrative and Global Majors	37	21	16
Subtotal	1,617	885	732
Traditional Graduate Schools (AY 2021 Student Recruitment Suspended)		As of May 1, 2021	
	Total	Males	Females
Master's Program in Education	12	7	5
Graduate School of Humanities and Social Sciences	232	114	118
Graduate School of Business Sciences	189	132	57
Graduate School of Pure and Applied Sciences	135	113	22
Graduate School of Systems and Information Engineering	195	158	37
Graduate School of Life and Environmental Sciences	236	143	93
Graduate School of Comprehensive Human Sciences	718	395	323
Graduate School of Library, Information and Media Studies	70	41	29
Graduate School of Integrative and Global Majors	59	39	20
Subtotal	1,883	1,163	720
Total	6,827	4,452	2,375

5 INTERNATIONAL STUDENTS

Number of International Students

As of May 1, 2021 *AY= Academic Year (Apr. 1 - Mar. 31)

① By Area

Region	No. of International Students	No. of Countries
Asia	1,830	20
North America	38	1
South and Central America	66	12
Europe	54	18
CIS	68	8
Oceania	6	6
Middle and Near East	26	13
Africa	86	28
Total	2,174	106

② By Country/Region

Top 10	Country/Region	No. of International Students
1	China	1,276
2	Republic of Korea	113
3	Indonesia	79
4	Vietnam	74
5	Taiwan	68
6	Bangladesh	39
7	United States	38
8	Brazil	28
9	Mongolia	27
10	Malaysia	26

③ By Student Category

Student Category	No. of International Students
Undergraduate Students	268
Graduate Students	1,654
Non-degree Research Students	201
Short-term International Students	48
Credited Auditors	0
Students of Intensive Japanese Training	3
Total	2,174

6 CAREER PATHS

Career Paths of Graduates in AY 2020

(Sorted by School and College)

As of May 1, 2021

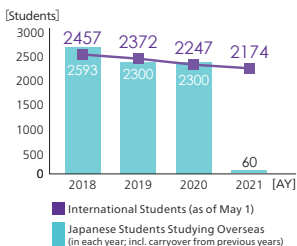
School/College	Graduates	Employed	Breakdown Ratio of Employed				Advanced to Graduate Schools	Others
			Private Sector	Educators	Public Sectors, etc.	Doctor's Residency		
School of Humanities and Culture								
College of Humanities	120(59)	80(47)		76%	4%	20%	22(6)	18(6)
College of Comparative Culture	81(51)	63(43)		83%		2% 15%	11(5)	7(3)
College of Japanese Language and Culture	47(34)	34(25)		76%		12% 12%	10(7)	3(2)
School of Social and International Studies								
College of Social Sciences	99(39)	72(25)		82%		18%	13(8)	14(6)
College of International Studies	84(43)	65(35)		85%		15%	7(3)	12(5)
School of Human Sciences								
College of Education	36(10)	22(7)		55%		36% 9%	11(3)	3(0)
College of Psychology	54(37)	31(23)		71%		29%	12(7)	11(7)
College of Disability Sciences	35(28)	21(17)		76%		10% 14%	11(10)	3(1)
School of Life and Environmental Sciences								
College of Biological Sciences	92(43)	7(6)		86%		14%	77(32)	8(5)
College of Agro-Biological Resource Sciences	157(75)	30(17)		77%		3% 20%	108(48)	19(10)
College of Geoscience	56(21)	10(4)		90%		10%	40(14)	6(3)
School of Science and Engineering								
College of Mathematics	41(4)	16(1)		44%		38% 18%	20(1)	5(2)
College of Physics	60(7)	10(3)		80%		10% 10%	46(3)	4(1)
College of Chemistry	47(11)	2(0)		50%		50%	41(10)	4(1)
College of Engineering Sciences	136(13)	21(3)		90%		5% 5%	109(10)	6(0)
College of Engineering Systems	134(14)	16(3)		100%			115(11)	3(0)
College of Policy and Planning Sciences	123(20)	46(10)		78%		22%	69(9)	8(1)
School of Informatics								
College of Information Science	95(10)	18(3)		100%			70(6)	7(1)
College of Media Arts, Science and Technology	57(11)	17(4)		88%		12%	31(7)	9(0)
College of Knowledge and Library Sciences	113(56)	71(38)		75%		25%	27(10)	15(8)
School of Medicine and Health Sciences								
College of Medicine	135(50)	135(50)		100%			0(0)	0(0)
College of Nursing	80(75)	70(67)		87%		4% 9%	5(3)	5(5)
College of Medical Sciences	38(24)	16(14)		94%		6%	21(9)	1(1)
School of Physical Education, Health and Sport Sciences								
	254(64)	172(41)		80%		15% 5%	54(18)	28(5)
School of Art and Design								
	104(87)	52(45)		81%		10% 9%	28(22)	24(20)
Total	2,278(886)	1,097(531)		70%		6% 12% 12%	958(262)	223(93)

* The figures in the parentheses indicate the number of female students.

7 INTERNATIONAL TIES

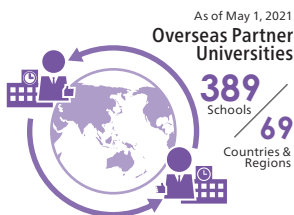
Students from Overseas

The University of Tsukuba has attracted students from more than 100 countries and regions with many programs offered in English and hands-on Japanese language instruction tailored to each student's requirements.



Overseas Study Opportunities

The University of Tsukuba has 389 partner institutions. Among those who went to study overseas, approximately 40% were undergraduate students and 60% were graduate students. The most popular destination was China, followed by the USA and Germany.



University of Tsukuba's Overseas Offices

We have 12 offices in 12 countries and regions.



Campus-in-Campus (CiC) Partner Institutions

The Campus-in-Campus (CiC) Initiative is a scheme of sharing campuses among the partner universities with a purpose of utilizing our respective research and educational resources without any national or institutional barriers. Moreover, through the CiC scheme, partner universities are highly expected to enhance the mobility of exchange students, faculty members and administrative staff.

As of May 2021, the following universities are CiC partners:

Université de Bordeaux (France) / National Taiwan University (Taiwan) / University of São Paulo (Brazil) / Universiti Teknologi Malaysia (Malaysia) / University of California, Irvine (USA) / Utrecht University (Netherlands) / Université Grenoble Alpes (France) / The Ohio State University (USA) / Ruhr Universität Bochum (Germany) / Al-Farabi Kazakh National University (Kazakhstan)

8 RESEARCH ACHIEVEMENTS

■ Nobel Laureates

1965 Nobel Prize in Physics ■ **TOMONAGA Sin-Itiro** [professor emeritus, former president of Tokyo University of Education] "For quantum electro dynamics, specifically for the discovery of super-many-time theory and the renormalization theory"

1973 Nobel Prize in Physics ■ **ESAKI Leo** [professor emeritus, former president of University of Tsukuba] "For experimental discoveries regarding tunneling phenomena in semiconductors and superconductors"

2000 Nobel Prize in Chemistry ■ **SHIRAKAWA Hideki** [professor emeritus, University of Tsukuba] "For the discovery and development of conductive polymers"

■ Number of Highly-Cited Academic Papers

One measure of a university's research achievements is the number of times its researchers' papers are cited. According to "Ranking of Japanese research institutions based on the number of high-impact papers 2020 edition" published by Clarivate (Japan), the University of Tsukuba had the tenth highest number of highly-cited papers among all Japanese institutions in the eleven years from January 1, 2009 to December 31, 2019. A highly-cited paper is defined as an outstanding paper with the citation count ranked in the world's top 1%.

Top 20 Japanese Research Institutions

Rank	Institution	No. of Highly-Cited Papers	Percentage
1	University of Tokyo	1,535	1.7%
2	Kyoto University	978	1.5%
3	RIKEN	694	2.5%
4	Osaka University	590	1.2%
5	Tohoku University	531	1.1%
6	Nagoya University	479	1.3%
7	Kyushu University	379	1.0%
8	National Institute for Materials Science	378	2.5%
9	Tokyo Institute of Technology	353	1.3%
10	University of Tsukuba	312	1.3%
11	Hokkaido University	304	0.9%
12	National Institute of Advanced Industrial Science and Technology	279	1.1%
13	Okayama University	256	1.6%
14	Kobe University	244	1.4%
15	National Cancer Center Japan	238	3.1%
16	Keio University	217	1.1%
17	Waseda University	213	1.6%
18	Hiroshima University	213	1.1%
19	National Institutes of Natural Sciences	190	1.5%
20	High Energy Accelerator Research Organization	183	2.8%

9 EXTERNAL FUNDING

Number of Grants-in-Aid Received in FY 2020*

Rank	Institution	Number of Grants-in-Aid (incl. new and ongoing)	New grants	Rank	Institution	Number of Grants-in-Aid (incl. new and ongoing)	New grants
1	University of Tokyo	4,202	1,511	6	Nagoya University	1,819	645
2	Kyoto University	3,022	1,083	7	Hokkaido University	1,719	568
3	Osaka University	2,665	969	8	University of Tsukuba	1,357	456
4	Tohoku University	2,525	859	9	Hiroshima University	1,220	437
5	Kyushu University	1,943	693	10	Keio University	1,187	427

Source: Ministry of Education, Culture, Sports, Science and Technology, Distribution of Grants-in-Aid for Scientific Research in FY2020 (Revised on March 31, 2021)

*Sorted according to research institutions to which the principal investigator of each project belongs.

*The above source lists only major categories.

Major Categories of Grants-in-Aid Received in FY 2020*

Philosophy, art, and related fields / Literature, linguistics, and related fields / Geography, cultural anthropology, folklore, and related fields / Sociology and related fields / Education and related fields / Psychology and related fields / Algebra, geometry, and related fields / Particle-, nuclear-, astro-physics, and related fields / Social systems engineering, safety engineering, disaster prevention engineering, and related fields / Inorganic/coordination chemistry, analytical chemistry, and related fields / Agricultural chemistry and related fields / Agricultural and environmental biology and related fields / Agricultural economics and rural sociology, agricultural engineering, and related fields / Biology at organismal to population levels and anthropology, and related fields / Neuroscience and related fields / Brain sciences and related fields / Society medicine, nursing, and related fields / Sports sciences, physical education, health sciences, and related fields / Information science, computer engineering, and related fields / Human informatics and related fields / Applied informatics and related fields / Environmental conservation measure and related fields

Source: Ministry of Education, Culture, Sports, Science and Technology, Distribution of Grants-in-Aid for Scientific Research in FY2020 (Revised on March 31, 2021)

*Categories of grants-in-aid of "Medium-sized Section" for which the University is ranked within top 10 on receiving number (cumulative number newly adopted last three years)

External Funding Acceptance Record in FY 2020

Category	No. of Projects	Amount of External Funding
Projects Funded with MEXT Grant-in-Aid for Scientific Research (Provisional grant amount)(Principal investigator's only)	1,514	4,382,509
Research Performed under Contract (Including clinical trial)	744	5,248,526
Joint Research	532	1,724,863
Projects Funded by Donations (for Academic Research) and Research Grants	773	997,153

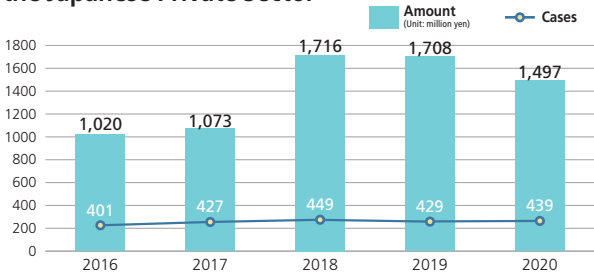
(Unit: thousand yen)

Typical Examples of External Funding in FY 2020

Fund	Project	Representative Researcher
KAKENHI Grant-in-Aid for Specially Promoted Research	Molecular design of innovative drugs based on molecular assembly	Faculty of Pure and Applied Sciences Nagasaki Yukio, Professor
Strategic Basic Research Programs CREST	Development of self-organized topological organic microresonators	Faculty of Pure and Applied Sciences Yamamoto Yohei, Professor
Moonshot Goals for the Moonshot Research and Development Program (Moonshot Goal #5)	Achieving zero food risk by improving crop resilience using cyber-physical systems	Faculty of Life and Environmental Sciences Ohsawa Ryo, Professor
Moonshot Goals for the Moonshot Research and Development Program (Moonshot Goal #5)	Development of innovative food solutions that simultaneously reduce food loss and improve QoL	Faculty of Life and Environmental Sciences Nakajima Mitsutoshi, Specially Appointed Professor
Moonshot Goals for the Moonshot Research and Development Program (Moonshot Goal #7)	Development of new-generation medical care systems through customizing sleep and hibernation	International Institute for Integrative Sleep Medicine (WPI-IIIS) Yanagisawa Masashi, WPI-IIIS Director and Professor

10 PARTNERSHIPS & VENTURE START-UPS

University of Tsukuba Joint Research Funding from the Japanese Private Sector

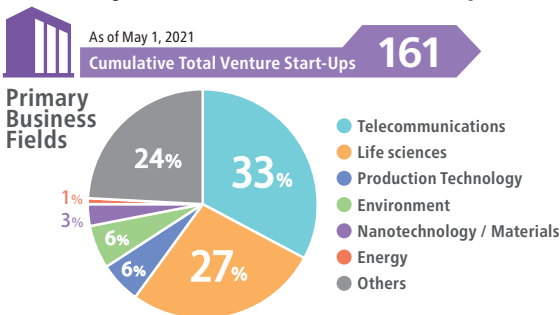


R&D Centers

The R&D Centers are part of the University of Tsukuba's quest to pursue research and innovation that result in benefits for society. Externally funded, these centers are established as industry-university-government partnerships for joint research in areas of high demand from the community. The university currently has eleven R&D Centers, which operate under the Headquarters for International Industry-University Collaboration.

- R&D Center for Precision Medicine
- R&D Center for Sport Innovation
- R&D Center for Strategic Frontiers Social Planning
- R&D Center for Health Services
- R&D Center for Tailor-Made QOL
- R&D Center for Working Persons' Psychological Support
- R&D Center for Innovative Material Characterization
- R&D Center for Innovative Drug Discovery
- R&D Center for Digital Nature
- R&D Center for Wellness Innovation
- R&D Center for Smart Wellness City Policies

University of Tsukuba Venture Start-Ups



Fund-Raising by the University of Tsukuba Venture Start-Ups

The amount of fund-raising has expanded rapidly due to the success of ventures started by our graduates and teachers. It has exceeded 15 billion yen since AY 2018.

11 SOCIAL CONTRIBUTION & REGIONAL COOPERATION

Tsukuba International Strategic Zone

In 2011, Tsukuba City was designated an International Strategic Zone. Under this concept, the strengths of the universities and research institutions throughout the greater Tsukuba area are pooled and leveraged to drive innovations and lead to the quick development of new businesses for the betterment of lifestyles and the environment.

International Strategic Zones benefit from deregulation of national and local government regulations and receive financial and taxation support as they strive to promote industry. At present, there are nine projects underway in the Tsukuba International Strategic Zone, and the University of Tsukuba is involved in eight of them.

- Development and implementation of boron neutron capture therapy (BNCT)
- Living with personal care robots
- Commercialization of algae biomass energy
- TIA, creating a global innovation platform
- Development of innovative pharmaceuticals and medical technologies using biomedical resources in Tsukuba
- Domestic production of medical radioisotope (technetium-99m) in Japan
- Achieving practical use of revolutionary robot medical equipment and the formation of a global focal point
- Practical development of a recycling system for strategic urban mining
- Development and commercialization of a plant-based useful material production system that promotes human health

High School-University Cooperation

Given its strengths as a provider of a comprehensive range of education and taking advantage of its location in Tsukuba Science City, the University of Tsukuba promotes partnerships with high schools. The university faculty on the front lines of research conduct lessons at high schools and provide mock university lectures so that the students can experience university classes, thus contributing to human resource development for high school students.

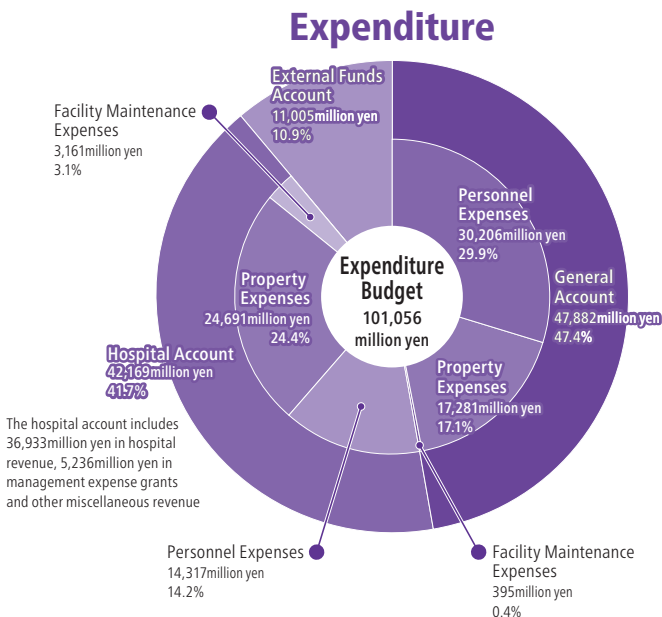
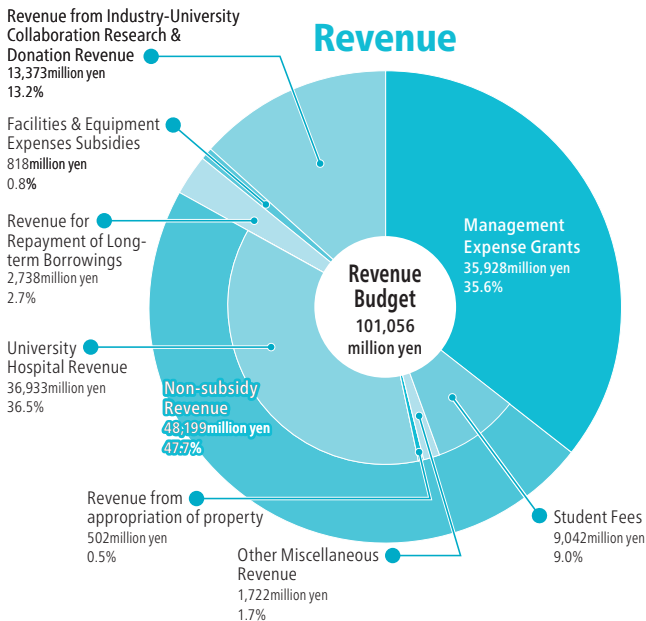
Social Contribution Projects

We are developing the unique initiatives of the University of Tsukuba with a wide range of academic area, such as "Science Promotion (1)", "Globalization (2)", "Culture and regional revitalization (15)", "Environment (3)", "Health, medical care, and welfare (7)", Disaster prevention/earthquake disaster reconstruction (2) and so on.

Examples of Social Contribution Projects for AY 2021

Field	Project
Environment	Implementation of environmental education for staff of the Environmental Education Division of the Cambodian government and local governments
Globalization	Building the transmission base for the SDGs action in the University of Tsukuba and fostering the Tsukuba SDGs Partners
Culture, Regional Revitalization	Regeneration and utilization of the local cultural properties by cooperation between universities and museums: Survey of important archaeological sites in Tsuchiura City and the development of Public Archaeology

University of Tsukuba Initial Budget for AY 2021

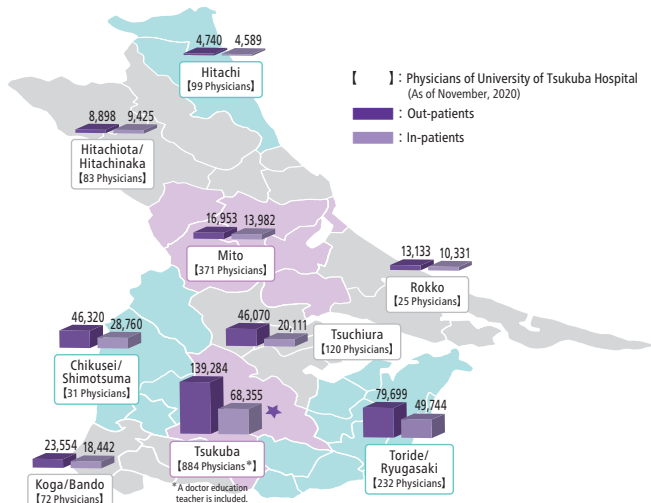


Provision of Advanced Medical Care

As the single advanced treatment hospital in our prefecture (87 advanced treatment hospitals nationwide), we engage in the treatment specialized in advanced medical care such as cancer treatment using proton beams, surgery using surgical support robots (da Vinci), etc. As the last bastion of the regional medical care, we accept the patients who need the advanced medical care from all over the prefecture, and contribute to the regional medical care.

Enhancement of Community Medical Care through Training of Physicians

As the single educational institution of medicine (81 institutions nationwide), we train physicians who will be responsible for regional medical care and prevent the regional medical collapse due to lack of physicians or uneven distribution. About the half of the graduates of University of Tsukuba are now working in our prefecture, and one-third of number of physicians in our prefecture are physicians of University of Tsukuba Hospital.



Achievement of Critical-Care Patients Acceptance

As the single Advanced Emergency and Critical Care Center in our prefecture (45 centers nationwide), we accept severe patients 24-hour / 365-day, difficult to cope with the other non-advanced centers in our prefecture and provide advanced medical care to the patients. Also we engage with fostering emergency physicians and to strengthen the system of emergency medicine.

	No. of Critical-Care Patients	No. of Ambulance Transport	No. of Ambulance Helicopter Transport
FY2018	9,017	4,035	35
FY2019	9,179	4,095	51
FY2020	7,213	3,037	31

14 LABORATORY SCHOOLS

As of May 1, 2021

School Founding Year (Location)	Characteristics	No. of Students No. of Teachers
Elementary School 1873 (Tokyo)	(1) Specialist teachers for each subject (Classes formed of 32 students) (2) Classes and research achievements made public on open days (twice a year; total attendance approx. 8,000 people)	756 37
Junior High School at Otsuka 1888 (Tokyo)	(1) Emphasis on linguistic activity and experience-based learning (2) Extracurricular events (Tomiura "seaside school," presentations) built from the ground up by students	614 30
Senior High School at Otsuka 1888 (Tokyo)	(1) High-grade education, well balanced curriculum (2) Student-led events and ceremonies	736 42
Junior High School & Senior High School at Komaba 1947 (Tokyo)	(1) Japan's only integrated junior and senior high school for boys, designated a Super Science High School (currently in its fourth term) (2) Events and ceremonies used to develop creativity and leadership (e.g., music festival, sports day, cultural festival, rice farming project)	857 45
Senior High School at Sakado 1946 (Saitama)	(1) Pioneer of the "integrated course" education policy since 1994, a member of the UNESCO Associated Schools Project Network, International Baccalaureate (IB) school, and WWL (World Wide Learning base school) (2) Students choose their own subjects; all first-year students participate in vegetable gardening	470 47
Special Needs Education School for the Visually Impaired 1876 (Tokyo)	(1) Japan's only national (public) school offering special needs education for the visually impaired (2) From early childhood to vocational training, a place of learning where educators gather from around the world	170 106
Special Needs Education School for the Deaf 1876 (Chiba)	(1) Japan's only national (public) school offering special needs education for the deaf (2) Focus on instilling strong Japanese language skills; extensive use of ICT and self-made teaching materials	219 95
Special Needs Education School for the Mentally Challenged 1908 (Tokyo)	(1) A leader in education for people with intellectual disabilities (2) Learning plans and curricula (for kindergarten/elementary, junior high, and high school) published nationwide	72 36
Special Needs Education School for the Physically Challenged 1958 (Tokyo)	(1) A leader in education for people with physical disabilities (2) Individual learning plans and instruction aimed at developing independence; extensive use of ICT and self-made teaching materials	127 67
Special Needs Education School for Children with Autism 1973 (Kanagawa)	(1) A leader in education for people with intellectual disabilities related to autism (2) Organizes a committee on research into education for people with autism	51 39

The duties of the university's 11 laboratory schools relating to their operation are coordinated and overseen by the Education Bureau of the Laboratory Schools.

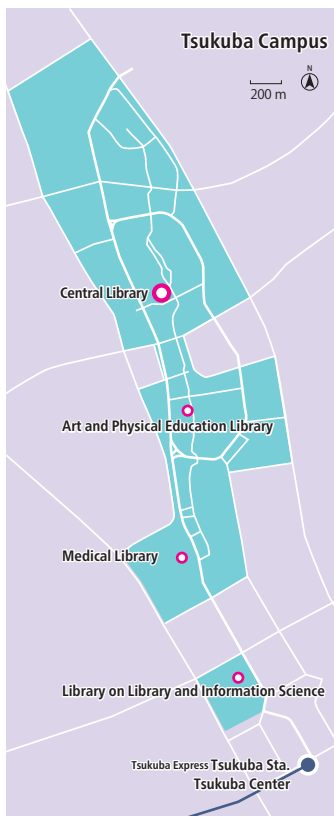
15 UNIVERSITY LIBRARIES

Library Use in AY 2020

People Entering Libraries	257,478
	1,047 per day
People Borrowing Books	59,745
	243 per day
Books Borrowed	185,596
	754 per day

Collection (As of March 31, 2021)

Books	Japanese	1,676,474
	Foreign	1,050,669
	E-books	40,492
Journals and Magazines	Japanese	17,790
	Foreign	12,969
	E-journals	37,024



Library Hours

Tsukuba Campus		During the Semester	Vacation Periods
● Central Library	Mon. – Fri.	8:30 - 24:00	9:00 - 20:00
	Sat./Sun./Hol.	9:00 - 20:00	9:00 - 18:00
● Art and Physical Education Library ● Library on Library and Information Science	Mon. – Fri.	8:30 - 22:00	9:00 - 17:00
	Sat./Sun./Hol.	10:00 - 18:00	Closed
● Medical Library	Mon. – Fri.	8:30 - 22:00	9:00 - 20:00*
	Sat./Sun./Hol.	9:00 - 22:00	

*Operates at the same time as during the semester in February and September.

Tokyo Campus	Mon.	Tue.–Fri.	Sat.	Sun.	Hol.
● Otsuka Library	10:30 - 18:30	10:00 - 21:10	10:00 - 19:50	10:00 - 18:00	Closed

Changes such as temporary closures and revised hours will be announced via the library website. (The opening hours are subject to change to prevent new coronavirus infections.)

The Tsukuba Campus covers approximately 257 hectares, stretching around five kilometers north-to-south and about one kilometer east-to-west. Meanwhile, the Education Bureau of the Laboratory Schools and graduate school facilities for mature students are located in the Bunkyo School Building at the Tokyo Campus.

Access

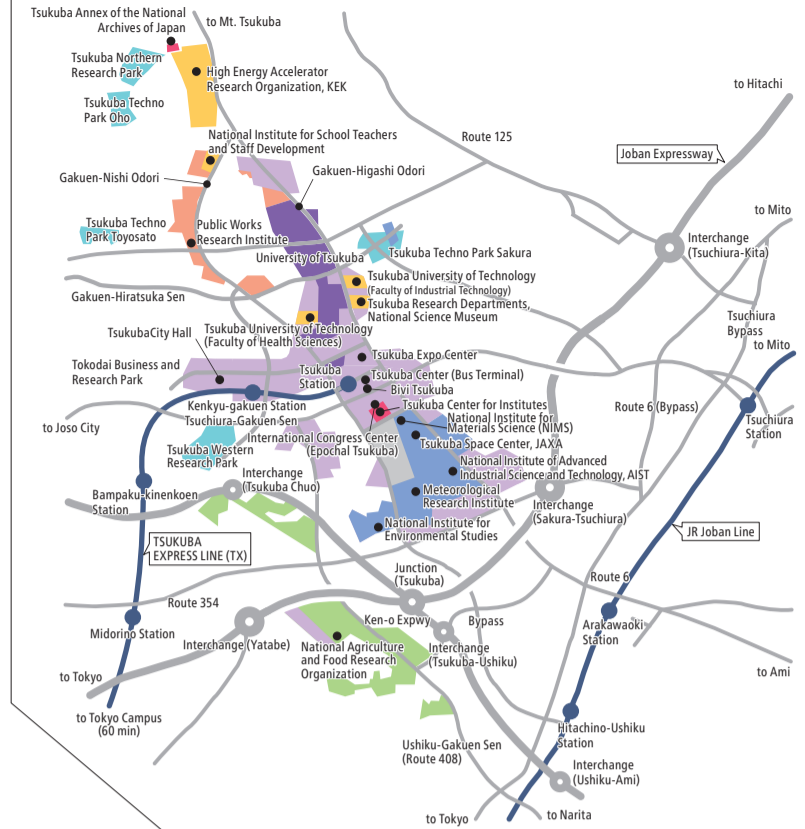


Tsukuba Campus

Area Name	Name of Facility
East Area	1 Stable
Agricultural and Forestry Research Center Area (Farm)	2 Tsukuba-Plant Innovation Research Center (T-PIRC Farm)
Ichinoya Residence Area	3 Ichinoya Residence Hall
Research Center Area	4 Ichinoya Community Center
	5 Center for Research in Isotopes and Environmental Dynamics (Environmental Dynamics & Prediction Section)
	6 Life Science Center for Survival Dynamics, Tsukuba Advanced Research Alliance (TARA)
	7 Tsukuba Industrial Liaison and Cooperative Research Center
	8 Plant-based Material Production Research Building
	9 Plasma Research Center
	10 Algae Biomass and Energy System R & D Center
	11 Empowerment Studio
	12 Research Facility Center for Science and Technology (Engineering Workshop Division)
	13 Research Facility Center for Science and Technology (Cryogenics Division)
	14 Research Facility Center for Science and Technology (Applied Accelerator Division)
	15 Cooperative Research Building C
	16 Research Facility Center for Science and Technology (Chemical Analysis Division)
	17 Project and Research Building
	18 Center for Research in Isotopes and Environmental Dynamics (Radioisotope Research Section)
	19 University of Tsukuba Archives / Energy Plant
Area 3	20 Third Gymnasium
	21 Buildings 3A-3D·G, 3K, 3L/Academic Service Office for the Systems and Information Engineering Area
	22 Institutes of Engineering Sciences
	23 Natural Sciences Building
	24 Cooperative Research Building D
	25 Laboratory of Advanced Research B
	26 Cybernetics Research Building
Area 2	27 Tsukuba-Plant Innovation Research Center (T-PIRC) (Gene Research Center)
	28 Institutes of Biological and Agricultural Sciences
	29 First Gymnasium
	30 Laboratory of Advanced Research A
	31 Buildings 2A-2E, 2G, 2H/Academic Service Office for the Life and Environmental Sciences Area, Academic Service Office for the Human Sciences Area
	32 Masters' Programs in Humanities and Social Sciences
	33 Institutes of Human Sciences
	34 Laboratory for Environmental Disaster Prevention Research / Mountain Science Center
Area 1	35 Central Library
	36 Institutes of Humanities and Social Sciences
	37 Joint Use Facility Building A
	38 Cooperative Research Building A
	39 Joint Use Facility Building D
	40 Buildings 1D-1G / Student Plaza
	41 Buildings 1A-1C, 1H / Academic Service Office for the Humanities and Social Sciences Area, Academic Service Office for the Pure and Applied Sciences Area, Student Commons, Academic Support Center for the School of Comprehensive Studies
	42 Students' Club House (cultural)
	43 Institutes of Natural Sciences
	44 Center for Computational Sciences
Administration Center Area	45 Administration Center, Annex Building
University Hall Area	46 Auditorium
	47 University Hall / University of Tsukuba Gallery / University of Tsukuba Art Space
	48 University of Tsukuba 30th Anniversary Hall
	49 University Hall B
	50 Academic Computing and Communications Center
	51 Center for Education of Global Communication (CEGLOC)
	52 University Health Center
	53 International Lecture Building
Art and Physical Education Area	54 Institute of Art and Design
	55 Building 5C/Academic Service Office for the Art and Sport Sciences Area
	56 Cooperative Research Building B
	57 Institute of Health and Sport Sciences
	58 Sport Performance and Clinic Laboratory
	59 Buildings 6A, 6B
	60 Workshop (Art and Design)
	61 Practice rooms for Art & Design
	62 Art and Physical Education Library
	63 Central Gymnasium
	64 T-Dome
	65 Sport Fluid Engineering Laboratory
	66 Cafeteria for Art and Physical Education
	67 Global Sport Innovation Building
	68 Sport and Physical Education Center / Students' Club House (sport)
	69 Indoor Swimming Pool
	70 Gymnasium (Martial Arts)
	71 Gymnasium (Volleyball)
	72 Kambara Hall
	73 Laboratory of Advanced Research D
Athletic Fields Area	74 Japanese Archery Training Hall
	75 Tsukuba Training Lodge
	76 Club House
	77 Building for Extra-curricular Activities

Other Facilities

Saitama	Toda Boat House and dormitory
Chiba	Tateyama Training Center
Yamanashi	Yamanaka Training Center
Nagano	Yatsugatake Forest
	Sugadaira Research Station
Shizuoka	Ikawa Forest
	Shimoda Marine Research Center



- Education
- Construction
- Science and Engineering
- Biology and Agriculture
- Common Facilities
- Research Park
- Science City Area

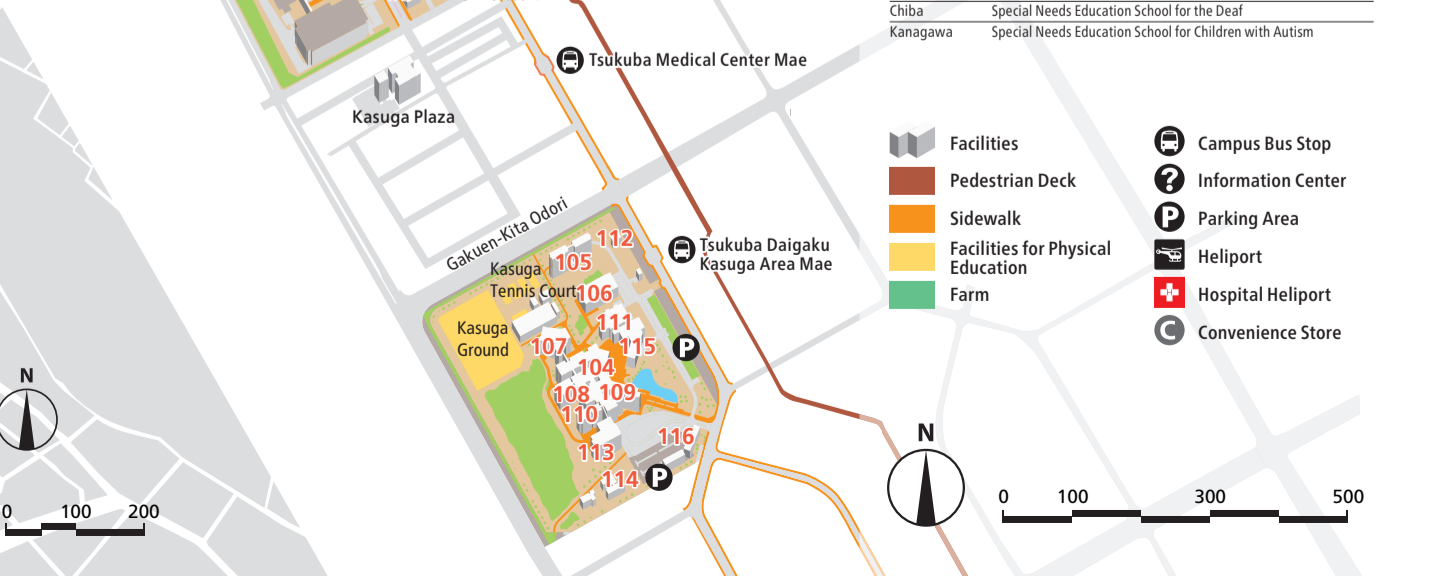
Area Name	Name of Facility
Medical Area	78 Energy Plant
	79 IHS Building
	80 Buildings 4B, 4C, 4D
	81 Laboratory Animal Resource Center
	82 Building 4E
	83 Joint Use Facility Building B
	84 Medical Radioisotope Research Institutes
	85 Institute of Medicine
	86 University of Tsukuba Hospital
	87 Building 4A/Academic Service Office for the Medical Sciences Area
	88 Medical Sciences Building
	89 Medical Library / Clinical Lecture Rooms
	90 Cafeteria for Medical Sciences
	91 Second Gymnasium
	92 Proton Medical Research Center
	93 Health and Medical Science Innovation Laboratory
	94 Tsukuba Medical Laboratory of Education and Research
	95 Advanced Imaging Center
	96 Building G
Hirasuna Residence Area	97 Hirasuna Community Center
	98 Hirasuna Residence Hall
	99 Global Village
	100 Medical Residences
Oikoshi Residence Area	101 Oikoshi Community Center / Yurinoiki Day-care Center
	102 Oikoshi Residence Hall
	103 Foreign Scholars' Residence
Kasuga Area	104 Building 7A
	105 Kasuga Residence Hall Buildings 1, 2
	106 Innovation Medical Research Institute
	107 Kasuga Auditorium
	Buildings 7B, 7C/Academic Service Office for the Library, Information and Media Sciences Area
	109 Library on Library and Information Science
	110 Building 7D
	111 Fourth Gymnasium
	112 Kasuga Japanese Archery Training Hall
	113 Union of Library and Information-media Studios
	114 Kasuga Residence Hall Building 3
	115 Kasuga Welfare Facilities
	116 Global Guest House

Tokyo Campus

Name of Facility
117 Bunkyo School Building
Otsuka Library
Academic Service Office for the Business Sciences
Research Center for University Studies
Education Bureau of the Laboratory Schools
Department of Tokyo Campus Affairs
Acupuncture and Physical Therapy Teacher Training School
Office of Public Relations, Tokyo Branch

Name of Facility
118 Laboratory Schools
Elementary School, Junior High School at Otsuka, Senior High School at Otsuka, Junior High School and Senior High School at Komaba, Special Needs Education School for the Visually Impaired, Special Needs Education School for the Mentally Challenged, Special Needs Education School for the Physically Challenged
119 Saitama
Senior High School at Sakado
120 Chiba
Special Needs Education School for the Deaf
121 Kanagawa
Special Needs Education School for Children with Autism

- Facilities
- Pedestrian Deck
- Sidewalk
- Facilities for Physical Education
- Farm
- Campus Bus Stop
- Information Center
- Parking Area
- Heliport
- Hospital Heliport
- Convenience Store



IMAGINE THE FUTURE.



筑波大学
University of Tsukuba

Maps and Data
University of Tsukuba
At a Glance

Academic Year 2021

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