University of Tsukuba

Academic Year 2023-2024

Concept

The University of Tsukuba aims to establish free exchange and close relationships in both basic and applied sciences with educational and research organizations and academic communities in Japan and overseas. While developing these relationships, we intend to pursue education and research to cultivate men and women with creative intelligence and rich human qualities.
The University of Tsukuba endeavors to contribute to the progress of science and culture. Formerly, Japanese universities tended to remain cloistered in their own narrow, specialized fields, creating polarization, stagnation in education and research and alienation from their communities.
The University of Tsukuba has decided to function as a university which is open to all within and outside of Japan. Toward this end, the University has made it its goal to develop an organization better suiting the functions and administration with a new concept of education and research highly international in character, rich in diversity and flexibility and capable of dealing sensitively with the changes occurring in contemporary society.
To realize this, it has vested in its staff and administrative authorities the powers necessary to carry out these responsibilities.

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。

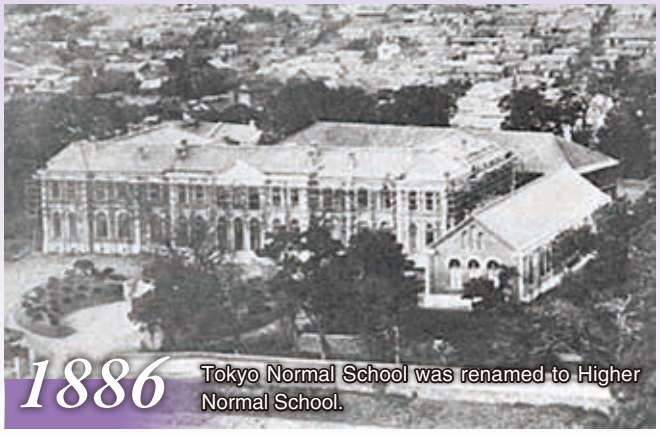
Since its inception, the University of Tsukuba's philosophy has been one of openness as we seek to forge a better future through education, research, and all other aspects of academia. That philosophy is summed up in our slogan, "IMAGINE THE FUTURE."

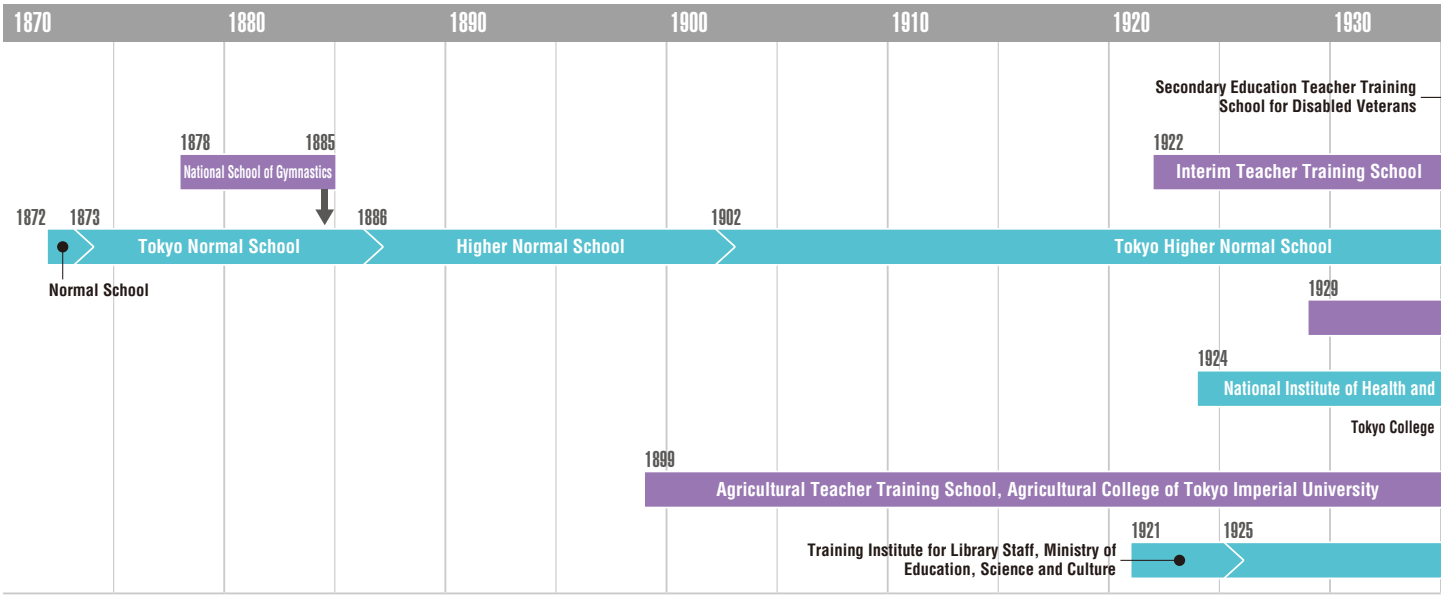
Contents

History

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.





筑波大学は2023年10月に創基151年開学50周年を迎えました

創基151年
筑波大学50周年記念
50TH ANNIVERSARY OF UNIVERSITY OF TSUKUBA

DESIGN THE FUTURE, TOGETHER.
ーともに拓く未来ー

As the Hub of Tsukuba Science City

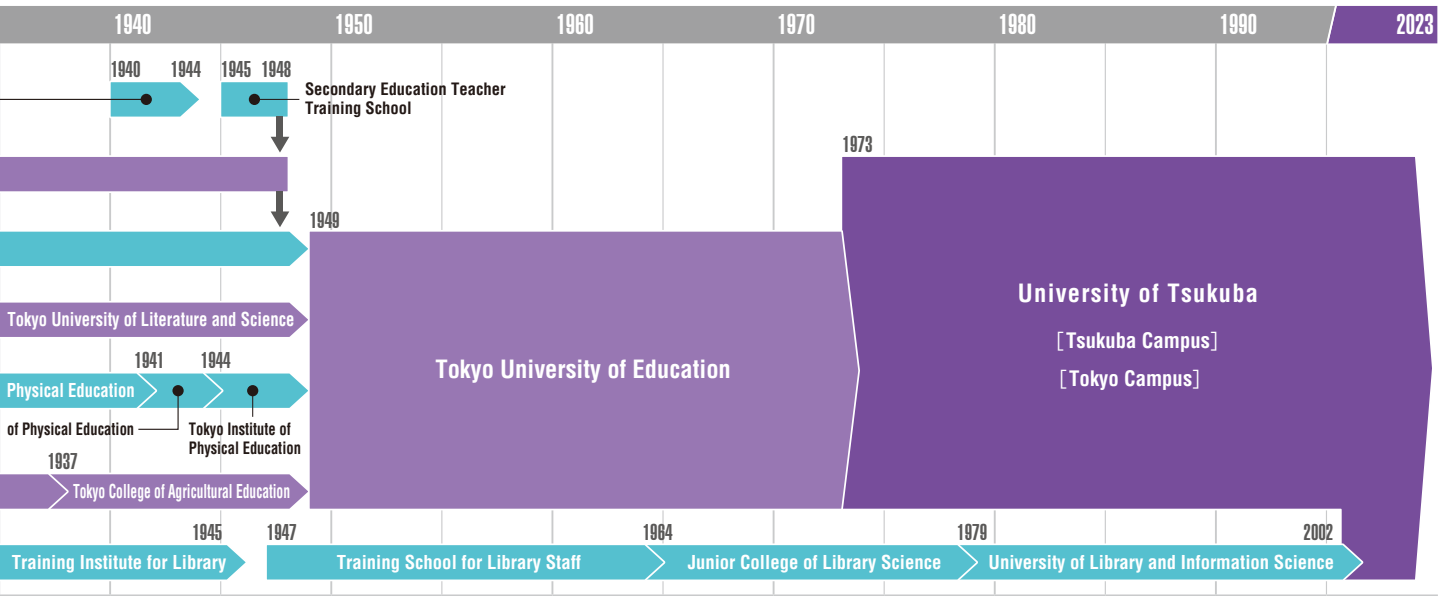
Tsukuba Science City is the largest leading-edge R&D center in Japan. The city boasts of more than 30 national research institutions, or about 30% of all national research institutes, and over 20,000 researchers are engaged in various research activities. The University of Tsukuba plays a central role in the city, aiming to create a new center for industry-academia-government collaboration that will generate innovation.

1973 The University of Tsukuba was founded under the Law which amended part of the National School Establishment Law (Act No. 103 of 1973).

2004 According to the National University Corporation Act (Act No. 112 of 2003), the University of Tsukuba became a National University Corporation.

2002 Merged with the University of Library and Information Science under the Law which amended part of the National School Establishment Law (Act No. 23, 2002.)

2023 The current status of the University of Tsukuba.



Academics

Undergraduate Courses (Schools and Colleges)

School of Humanities and Culture

- College of Humanities
  - Philosophy
  - History
  - Archaeology and Folklore
  - Linguistics
- College of Comparative Culture
  - Comparative Culture
- College of Japanese Language and Culture
  - Japanese Language and Culture
  - Japanese Language Teacher Training

School of Social and International Studies

- College of Social Sciences
  - Sociology
  - Law
  - Political Science
  - Economics
  - International Social Sciences
- College of International Studies
  - International Relations
  - International Development
  - International Social Sciences

School of Human Sciences

- College of Education
  - Education
- College of Psychology
  - Psychology
- College of Disability Sciences
  - Disability Sciences

School of Life and Environmental Sciences

- College of Biological Sciences
  - Biology
  - Interdisciplinary Program in Life and Environmental Sciences
- College of Agro-Biological Resource Sciences
  - Agro-Biological Resource Sciences
  - Agricultural Sciences
  - Interdisciplinary Program in Life and Environmental Sciences
- College of Geoscience
  - Geoenvironmental Sciences
  - Earth Evolution Sciences
  - Interdisciplinary Program in Life and Environmental Sciences

School of Science and Engineering

- College of Mathematics
  - Mathematics
- College of Physics
  - Physics
- College of Chemistry
  - Chemistry
- College of Engineering Sciences
  - Applied Physics
  - Quantum and Electronic Engineering
  - Applied Condensed Matter Physics
  - Materials and Molecular Engineering
- College of Engineering Systems *1
  - Intelligent Engineering Systems
  - Engineering Mechanics and Energy
- College of Policy and Planning Sciences
  - Social and Economic Sciences
  - Management Science and Engineering
  - Urban and Regional Planning
- Bachelor's Program in Interdisciplinary Engineering
  - Interdisciplinary Engineering

School of Informatics

- College of Information Science
  - Software and Computing Science
  - Computer Systems
  - Machine Intelligence and Media Technologies
- College of Media Arts, Science and Technology
  - Media Arts, Science and Technology
- College of Knowledge and Library Sciences
  - Knowledge Studies
  - Knowledge Information Systems
  - Information Resources Management

School of Medicine and Health Sciences

- College of Medicine
  - M.D. Course
  - Medical Scientist Course
- College of Nursing
  - Nursing Course
  - Healthcare Course
- College of Medical Sciences
  - Medical Science Course
  - International Medical Sciences Course

School of Physical Education, Health and Sport Sciences

- Health and Physical Education

School of Art and Design

- Art and Design
- Japanese Art and Design

School of Comprehensive Studies *2

*1 To the students enrolled before AY2020, four-major system: Intelligent Interactive Systems Major, Intelligent System Technologies Major, Engineering Mechanics Major and Energy Engineering Major is applied.

*2 After one year of multidisciplinary study, students move on to the second year of study in Schools and Colleges (excluding the School of Physical Education, Health and Sport Sciences) based on their own aspirations and grades.

Graduate Courses (Graduate Schools and Programs)

Graduate School of Business Sciences, Humanities and Social Sciences

Degree Programs in Humanities and Social Sciences

Humanities	M	D
International Public Policy	M	D
International and Advanced Japanese Studies	M	D

Degree Programs in Business Sciences

Law	M	D
Business Administration	M	D

〈Professional Degree Programs〉 *1

Law School Program	P
MBA Program in International Business	P

Graduate School of Science and Technology

Degree Programs in Pure and Applied Sciences

Mathematics	M	D
Physics	M	D
Chemistry	M	D
Engineering Sciences	M	D
Materials Innovation	M	D

Degree Programs in Systems and Information Engineering

Policy and Planning Sciences	M	D
Service Engineering	M	
Risk and Resilience Engineering	M	D
Computer Science	M	D
Intelligent and Mechanical Interaction Systems	M	D
Engineering Mechanics and Energy	M	D
Empowerment Informatics		5D
Life Science Innovation: Bioinformatics	M	D

Degree Programs in Life and Earth Sciences

Biology	M	D
Agro-Bioresources Science and Technology	M	
Agricultural Sciences		D
Life and Agricultural Sciences		D
Bioindustrial Sciences		D
Geosciences	M	D
Environmental Sciences	M	
Environmental Studies		D
Mountain Studies	M	
Life Science Innovation: Food Innovation	M	D
Life Science Innovation: Environmental Management	M	D
Life Science Innovation: Biomolecular Engineering	M	D

〈International Joint Degree Programs〉 *1

Joint Master's Degree Program in Sustainability and Environmental Sciences	M

Graduate School of Comprehensive Human Sciences

Degree Programs in Comprehensive Human Sciences

Education	M	D
Psychology	M	D
Disability Sciences	M	D
Counseling	M	
Counseling Science		D
Rehabilitation Science	M	D
Neuroscience	M	D
Medical Sciences		4D
Nursing Science	M	D
Medical Sciences	M	
Public Health	M	
Human Care Science		D

Public Health		D
Sports Medicine		D
Physical Education, Health and Sport Sciences	M	
Sport and Olympic Studies	M	
Physical Education, Health and Sport Sciences		D
Coaching Science		D
Sport and Wellness Promotion	M	D
Art	M	D
Design	M	D
Heritage Studies	M	D
Informatics	M	D
Human Biology		5D
Life Science Innovation: Disease Mechanism	M	D
Life Science Innovation: Drug Discovery	M	D

〈Domestic Joint Degree Programs〉 *1

Joint Master's Program in International Development and Peace through Sport	M	
Joint Doctoral Program in Advanced Physical Education and Sports for Higher Education		D

〈International Joint Degree Programs〉 *1

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

School of Integrative and Global Majors (SIGMA)

SIGMA aims to direct and administer undergraduate and graduate interdisciplinary degree programs.

Bachelor's Program in Global Issues	B
Ph.D. Program in Humanics *2	5D

B	bachelor's program
M	master's program
D	post-master's 3-year doctoral program
4D	4-year doctoral program in medicine
5D	post-bachelor's 5-year doctoral program
P	professional degree program

*1 Professional degree programs, international joint degree programs with overseas universities, and domestic joint degree programs with universities in Japan are established under the Graduate School.

*2 A doctoral program that combines world-class educational and research capabilities with the University's unique strengths at its core.

Degree Programs in English

Undergraduate Courses

Social and International Studies

Undergraduate Program of International Social Studies	B

Life and Environmental Sciences

Interdisciplinary Program of Life and Environmental Sciences	B

Medicine and Medical Sciences

Undergraduate Medical Science Program for International Students	B

Science and Engineering

Bachelor's Program in Interdisciplinary Engineering	B

Graduate School of Business Sciences, Humanities and Social Sciences

Degree Programs in Humanities and Social Sciences

International Public Policy	M	D
International and Advanced Japanese Studies	M	D

〈Professional Degree Programs〉

MBA Program in International Business	P

Graduate School of Science and Technology

Degree Programs in Pure and Applied Sciences

Mathematics		D
Physics	M	D
Chemistry	M	D
Engineering Sciences	M	D
Materials Innovation	M	D

Degree Programs in Systems and Information Engineering

Policy and Planning Sciences		D
Risk and Resilience Engineering		D
Computer Science	M	D
Intelligent and Mechanical Interaction Systems		D
Engineering Mechanics and Energy	M	D
Empowerment Informatics		5D
Life Science Innovation: Bioinformatics	M	D

Degree Programs in Life and Earth Sciences

Biology	M	D
Agro-Bioresources Science and Technology	M	
Agricultural Sciences		D
Life and Agricultural Sciences		D
Bioindustrial Sciences		D
Geosciences		D
Environmental Sciences	M	
Environmental Studies		D
Life Science Innovation: Food Innovation	M	D
Life Science Innovation: Environmental Management	M	D
Life Science Innovation: Biomolecular Engineering	M	D

〈International Joint Degree Programs〉

Joint Master's Degree Program in Sustainability and Environmental Sciences	M

Degree Programs in Japanese

Graduate School of Comprehensive Human Sciences

Degree Programs in Comprehensive Human Sciences

Education	M	
Medical Sciences		4D
Medical Sciences	M	
Public Health	M	
Sport and Olympic Studies	M	
Design	M	D
Heritage Studies	M	D
Informatics	M	D
Human Biology		5D
Life Science Innovation: Disease Mechanism	M	D
Life Science Innovation: Drug Discovery	M	D

〈Domestic Joint Degree Programs〉

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

〈International Joint Degree Programs〉

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

School of Integrative and Global Majors

Integrative and Global Majors

Bachelor's Program in Global Issues	B	
Ph.D. Program in Humanics		5D

Japan-Expert Program

(Japanese-taught undergraduate degree program tailored to international students' needs)

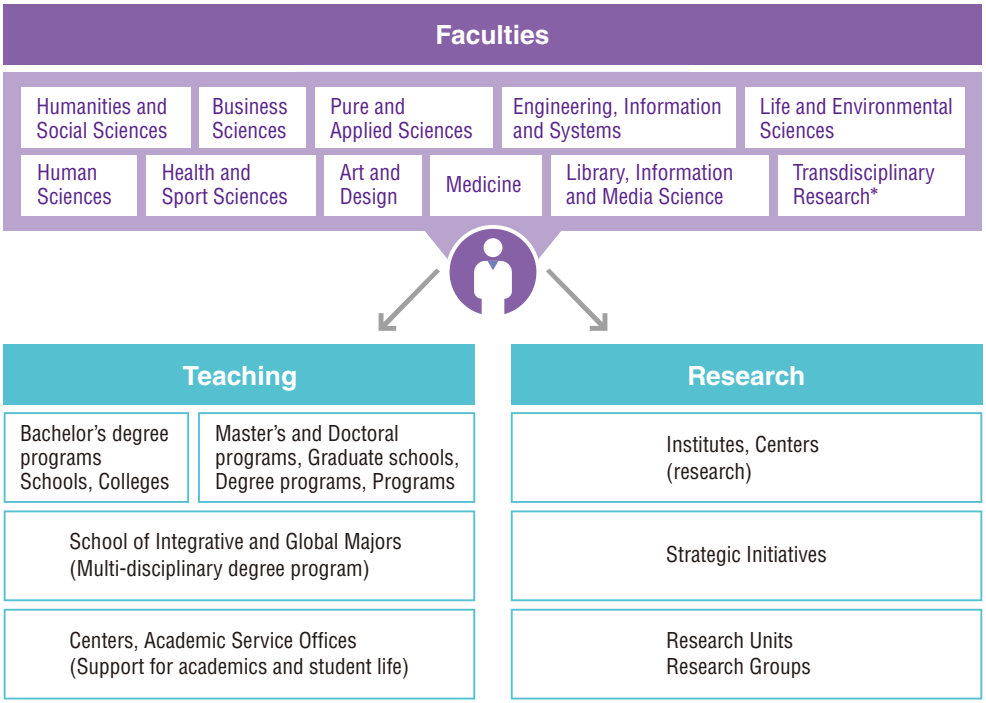
Agricultural Science	B
Healthcare	B
Japanese Art and Design	B
Japanese Language Teacher Training	B

B	bachelor's program
M	master's program
D	post-master's 3-year doctoral program
4D	4-year doctoral program in medicine
5D	post-bachelor's 5-year doctoral program
P	professional degree program

Research

Faculty Organization

To accurately meet the needs of an ever-diversifying and ever-advancing environment, we are determined to ensure our academic and research organizations remain flexible and open, creating new programs and revamping organizations as appropriate to keep up with academic advancements and society's requirements. To that end, we have introduced a new organizational structure: Educators are now affiliated with "Institutes," which are separate from the academic and research departments, thus enabling educators from one faculty to teach courses in multiple departments.

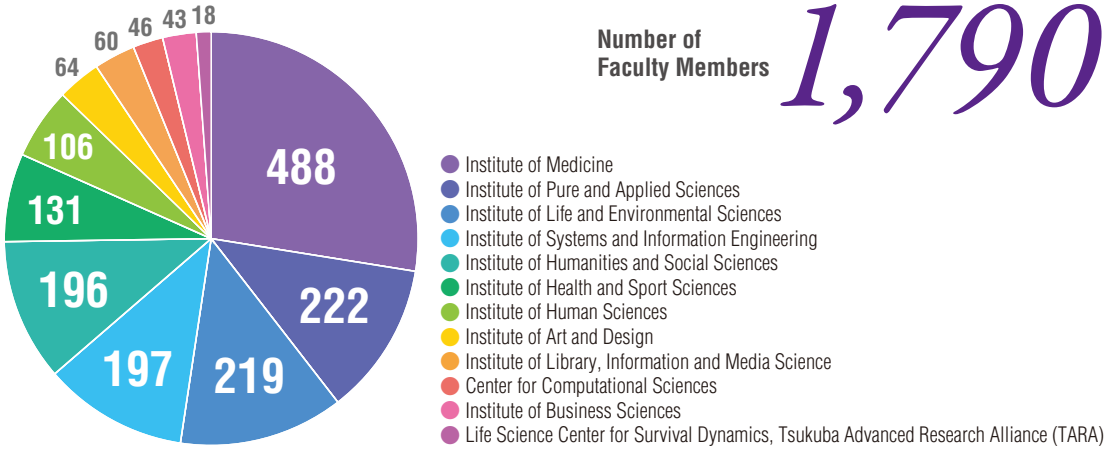


＊Comprised mainly of Institute pertaining to the Center for Computational Sciences and the Life Science Center for Survival Dynamics, it promotes interdisciplinary research transcending the existing boundary of the academic fields.

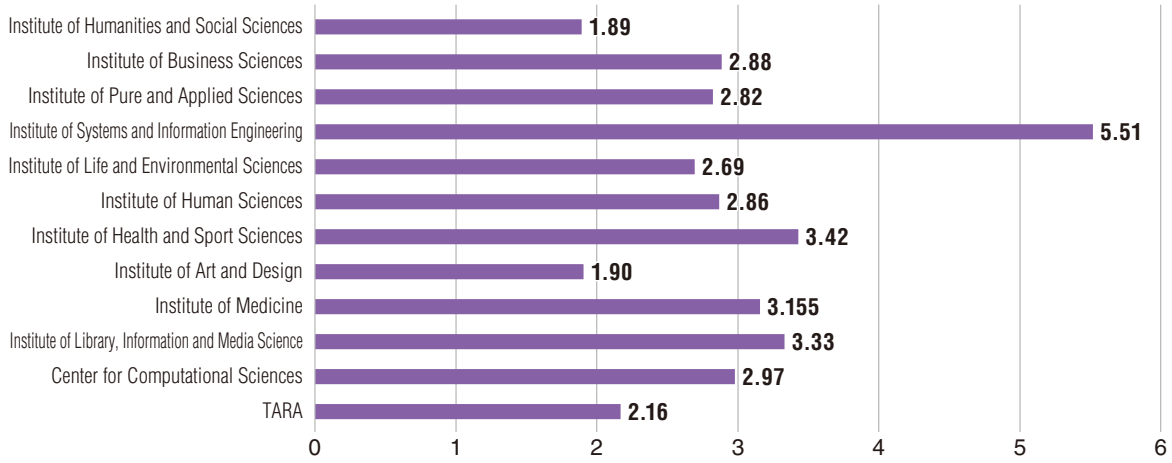
Outline

The data below are as of AY 2022.

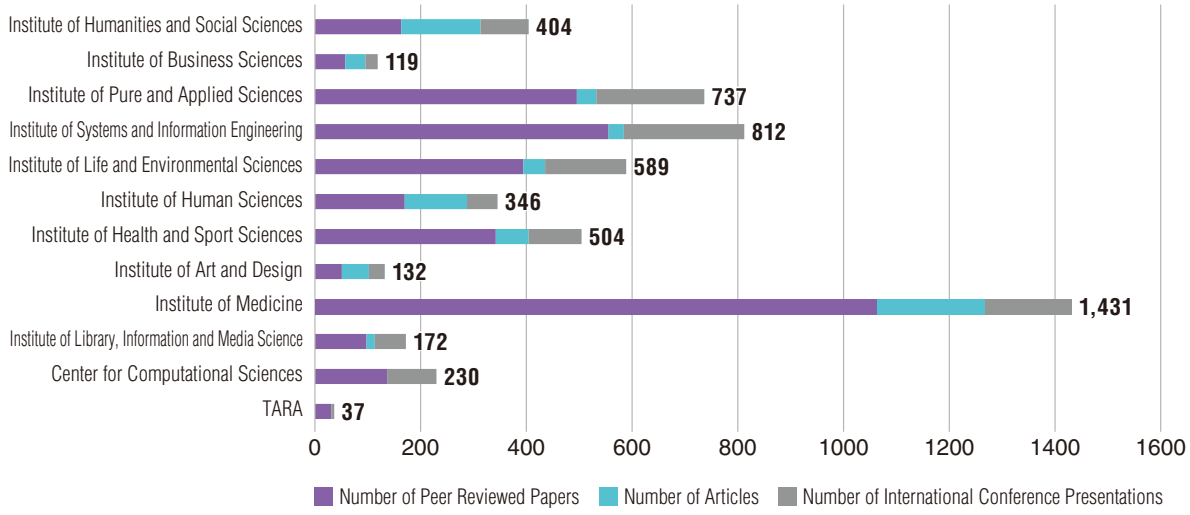
Faculty Numbers



Number of Academic Papers per Person



Number of Peer Reviewed Papers, Articles, International Conference Presentations



Number of Peer Reviewed Papers

3,558

Number of Articles

745

Number of International Conference Presentations

1,210

Nobel Prize Winners

Prize in Physics

1965

TOMONAGA Sin-Itiro

Professor Emeritus, former president of Tokyo University of Education

Awarded the 1965 Nobel Prize in Physics, for his fundamental work in quantum electrodynamics, with profound consequences for the physics of elementary particles.

Prize in Physics

1973

ESAKI Leo

Professor Emeritus, former President of the University of Tsukuba

Awarded the 1973 Nobel Prize in Physics, for the experimental discoveries regarding tunneling phenomena in semiconductors and superconductors.

Prize in Chemistry

2000

SHIRAKAWA Hideki

Professor Emeritus

Awarded the 2000 Nobel Prize in Chemistry, 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 reserchers' papers are cited. According to "Ranking of Japanese research institutions based on the number of high-impact papers 2023 edition" published by Clarivate Analytics (Japan) Co.Ltd., the University of Tsukuba had the 11th highest number of highly-cited papers among all Japanese institutions in the eleven years from January 1, 2012 to December 31, 2022. A highly-cited paper is defined as an outstanding paper with the citation count ranked in the world's top 1%.

Number of Highly-Cited Academic Papers *320*

Top 20 Japanese Research Institutions

Rank	Institution	No. of Highly-Cited Papers	Percentage
1	University of Tokyo	1,662	1.7%
2	Kyoto University	998	1.4%
3	RIKEN	702	2.3%
4	Osaka University	562	1.0%
5	Tohoku University	561	1.1%
6	National Institute for Materials Science	536	3.2%
7	Nagoya University	485	1.2%
8	Kyushu University	436	1.1%
9	Hokkaido University	374	1.0%
10	National Cancer Center Japan	348	3.5%
11	University of Tsukuba	320	1.2%
12	Tokyo Institute of Technology	320	1.1%
13	Keio University	290	1.2%
14	National Institute of Advanced Industrial Science and Technology	284	1.1%
15	Hiroshima University	258	1.1%
16	Waseda University	234	1.5%
17	Kobe University	227	1.1%
18	National Institutes of Natural Sciences	222	1.6%
19	Okayama University	201	1.2%
20	Kindai University	169	2.0%

External Funding

Number of Grants-in-Aid for Scientific Research (KAKENHI)*

Rank	Institution	Number of KAKENHI (incl. new and ongoing)	New grants
1	University of Tokyo	4,041	1,298
2	Kyoto University	3,025	990
3	Osaka University	2,592	888
4	Tohoku University	2,480	794
5	Kyushu University	2,062	693
6	Nagoya University	1,821	620
7	Hokkaido University	1,703	550
8	University of Tsukuba	1,379	449
9	Hiroshima University	1,280	409
10	Kobe University	1,148	350

Number of KAKENHI Received (incl. new and ongoing) **1,379**

Source: Ministry of Education, Culture, Sports, Science and Technology, Distribution of KAKENHI in FY2022 (January 2023)

Only major research categories are counted in this list, and sorted according to research institutions to which the principal investigator of each project belongs.

＊Grants-in-Aid for Scientific Research (KAKENHI) are competitive research funds that are intended to significantly develop all scientific research (research based on the free ideas of the researcher), from basic to applied research in all fields, ranging from the humanities and the social sciences to the natural sciences.

Major Categories of KAKENHI Received in FY 2022*

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 /Biomolecular 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 KAKENHI in FY2022 (January 2023)

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

External Funding Acceptance Record in FY 2022

Number of External Funding Acceptance

3,632

Category	No. of Projects	Amount of External Funding
Projects Funded with MEXT KAKENHI (Provisional grant amount) (Principal investigator's only)	1,575	4,485,187
Research Performed under Contract (Including clinical trial)	782	6,029,130
Joint Research	649	1,980,833
Projects Funded by Donations (for Academic Research) and Research Grants	626	1,777,256

(Unit: thousand yen)

Typical Examples of External Funding in FY 2022

Fund	Project	Representative Researcher
KAKENHI Grant-in-Aid for Specially Promoted Research	Molecular design of innovative drugs based on molecular assembly	Institute of Pure and Applied Sciences NAGASAKI Yukio, Professor
KAKENHI Fund for the Promotion of Joint International Research (International Leading Research)	Deciphering the mysteries of sleep: creating a global network of sleep neurobiologists	International Institute for Integrative Sleep Medicine (WPI-IIIS) YANAGISAWA Masashi, WPI-IIIS Director and Professor
AMED*1 A Project Focused on Developing Basic Technology Aiming at Industrialization of Regenerative Medicine and Gene Therapy (Development of Advanced Drug Discovery Tools Based on Regenerative Medicine Technology)	Empirical study on drug discovery platform using domestically produced MPS based on commercialization strategy	Institute of Life and Environmental Sciences ITO Yuzuru, Professor
JST*2 Strategic Basic Research Programs CREST	Computationally-augmented optical cohernece microscoppy for label-free imaging of living tissue	Institute of Medicine YASUNO Yoshiaki, Professor
Cabinet office of Japan Project on the development and establishment of advanced services	Experimental Examination for Developing an Inclusive City	Institute of Systems and Information Engineering SUZUKI Kenji, Professor

＊1 Japan Agency for Medical Research and Development ＊2 Japan Science and Technology Agency

International Ties

Overseas Offices

12 offices in 11 countries and regions*

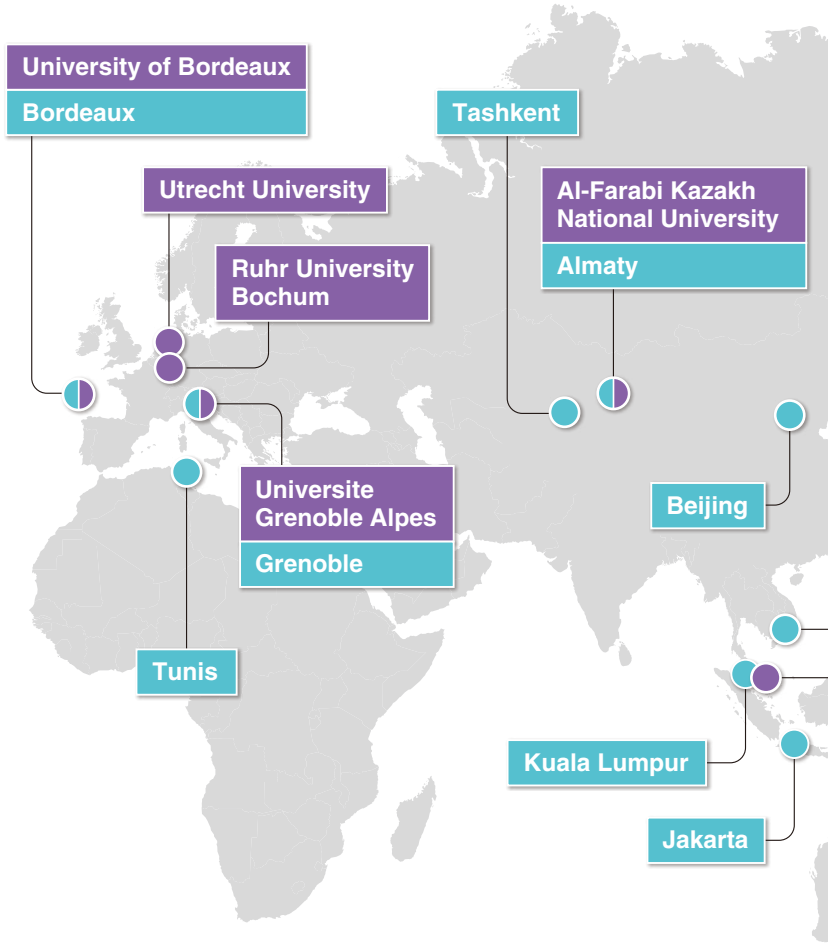
*Some are located in CiC partner universities

The University of Tsukuba's wide-ranging efforts to promote international ties include the operation of overseas offices to pursue international academic and research opportunities in the relevant country or region. At present, there are 12 offices in 11 countries and regions, each of which is charged with recruiting international students, supporting our students overseas, promoting and supporting academic exchange activities with our partner institutions, and building alumni networks.

Campus-in-Campus

10 universities in 8 countries and regions

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.



International Exchanges

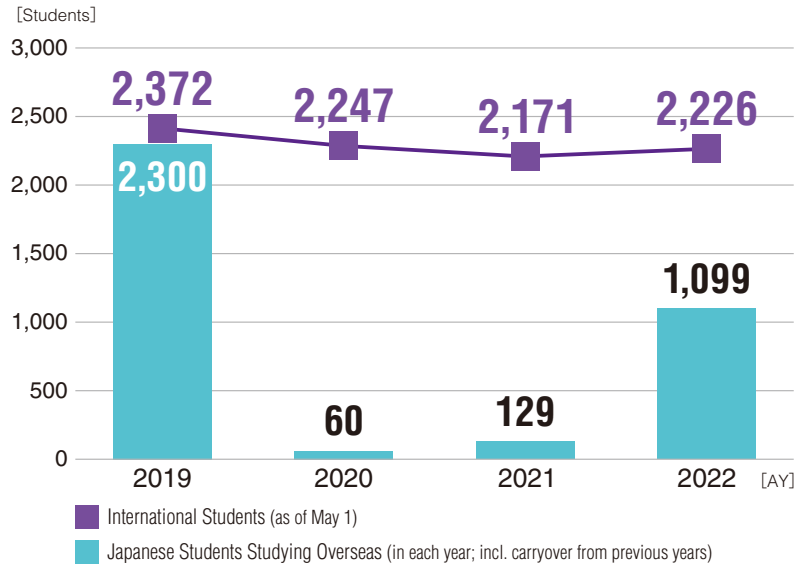
The University of Tsukuba has attracted students from more than 100 countries and regions with many programs offered in English and hands-on Japanese language instruction tailored to each student's requirements.

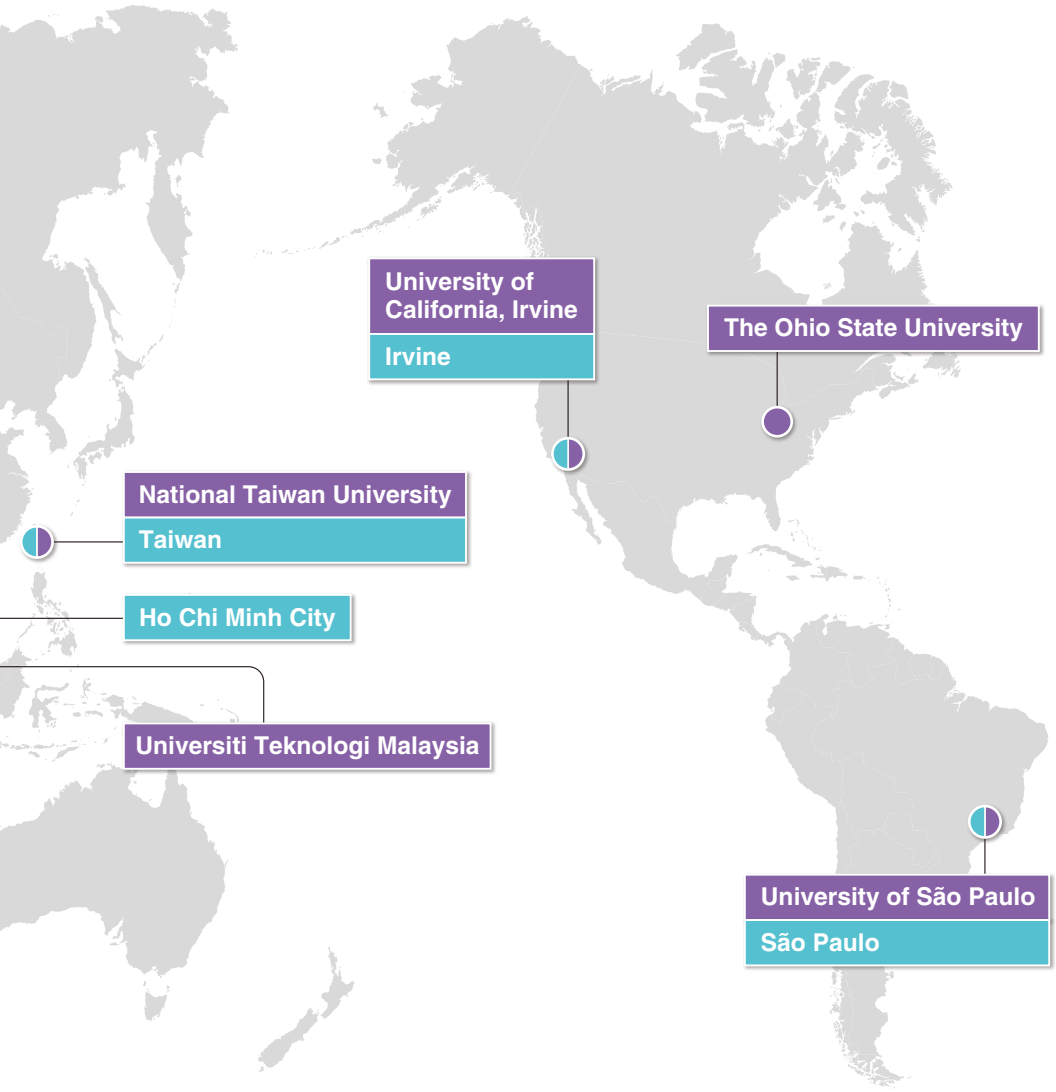
Number of International Students

2,226

Number of Japanese Students Studying Overseas

1,099





Number of Overseas Offices **12**

Number of Campus-in-Campus Partner Institutions **10**

Overseas Partner Universities

The University of Tsukuba has signed 376 partnership agreements with other universities and research institutes from 67 countries and regions (10 Campus-in-Campus agreements, 172 inter-university exchange agreements, and 194 inter-departmental exchange agreements).

Number of Overseas Partner Universities

376 / **67** countries and regions

(As of May 1, 2023)

Research Institutions & Centers

Advanced Research Centers ＊1

- Center for Computational Sciences
- Life Science Center for Survival Dynamics, Tsukuba Advanced Research Alliance
- International Institute for Integrative Sleep Medicine
- Tsukuba-Plant Innovation Research Center
- Shimoda Marine Research Center
- Plasma Research Center
- Alliance for Research on the Mediterranean and North Africa
- Center for Cybernics Research
- Center for Research in Radiation, Isotopes, and Earth System Sciences
- Center for Artificial Intelligence Research
- Proton Medical Research Center
- Mountain Science Center
- Microbiology Research Center for Sustainability
- Advanced Research Initiative for Human High Performance
- Transborder Medical Research Center
- Tomonaga Center for the History of the Universe
- Tsukuba Research Center for Energy Materials Science
- Research Center for West Asian Civilization

Research Support Centers ＊2

- Research Facility Center for Science and Technology
- Academic Computing & Communications Center

Education and Student Support Service Centers ＊3

- Center for Education of Global Communication
- Sport and Physical Education Center
- Admission Center
- University Health Center

Academic Center

- Institute for Comparative Research in Human and Social Sciences

Institute for International Science Innovation

- Innovation Medical Research Institute

Institute for Joint Usage & Research

- Tsukuba Clinical Research & Development Organization

Research and Development Centers

- R&D Center for Precision Medicine
- R&D Center for Frontiers of MIRAI in Policy and Technology
- R&D Center for Sport Innovation
- 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
- R&D Center for Lifestyle Innovation
- R&D Center for Zero CO_2 Emission with Functional Materials

Umbrella Organization for Competitive Sports

- Athletic Department

Acupuncture and Physical Therapy Teacher Training School

＊1 Pursue research in their respective research fields with a goal of becoming international research hubs attracting outstanding talents from the world. Nationwide joint-use institutes also conduct human exchange, information exchange, and joint research on a national scale beyond the bounds of universities and serve as research hubs for researchers and other relevant persons across-the-country in related fields.

＊2 Develop research infrastructures and provide research support to engage in daily research sufficiently and without delay.

＊3 Conduct education, etc. and specific tasks mainly for students and employees.

Library, Hospital, Laboratory Schools

University of Tsukuba Library

The University of Tsukuba Library consists of the Central Library and four specialized libraries(Art and Physical Education Library, Medical Library, Library on Library and Information Science and Otsuka Library) and supports the academic information infrastructure of the University of Tsukuba. Nearly one million people inside and outside the University have access to the University of Tsukuba Library. In addition to books and journals, systematically maintained E-books, E-journals and databases enable faculty members to access to a huge collection of materials and the latest academic information. There are also spaces available for classes, group learning and presentation of art works or research findings utilizing these library materials. The University of Tsukuba Library also holds special exhibitions of valuable materials. The Central Library provides not only reference services and orientations but also learning supports and seminars by active graduate school students called “Learning Advisor” and guidance by volunteers.

University of Tsukuba Hospital

The University of Tsukuba Hospital is engaged in providing advanced medical care, nurturing excellent medical personnel and developing next-generation medical care in order to fulfill the three roles of “medical care, education and research” imposed on University Hospitals. As the only advanced treatment hospital in Ibaraki prefecture, the University of Tsukuba Hospital is accepting patients who need advanced medical care from all over the prefecture. Moreover, from the AY2019, as the only advanced emergency medical service center in the prefecture, the University of Tsukuba Hospital accepts patients with serious conditions 24 hours a day. In addition, the hospital has established local medical education centers and stations in all medical areas of the prefecture and is focusing on the development of medical personnel who has a high level of expertise and hospitality mindsets while cooperating with clinical environments in local communities. In 2015, the University of Tsukuba Hospital has established “T-CReDO (Tsukuba Clinical Research and Development Organization)” which aims to develop as an international clinical development base. T-CReDO provides a venue for conducting clinical trials and research in order to create innovative medicines, medical devices, regenerative medical products from various medical seeds in industry-academia-government research institutes centering around Tsukuba Science City as well as those in the University of Tsukuba.

Laboratory Schools

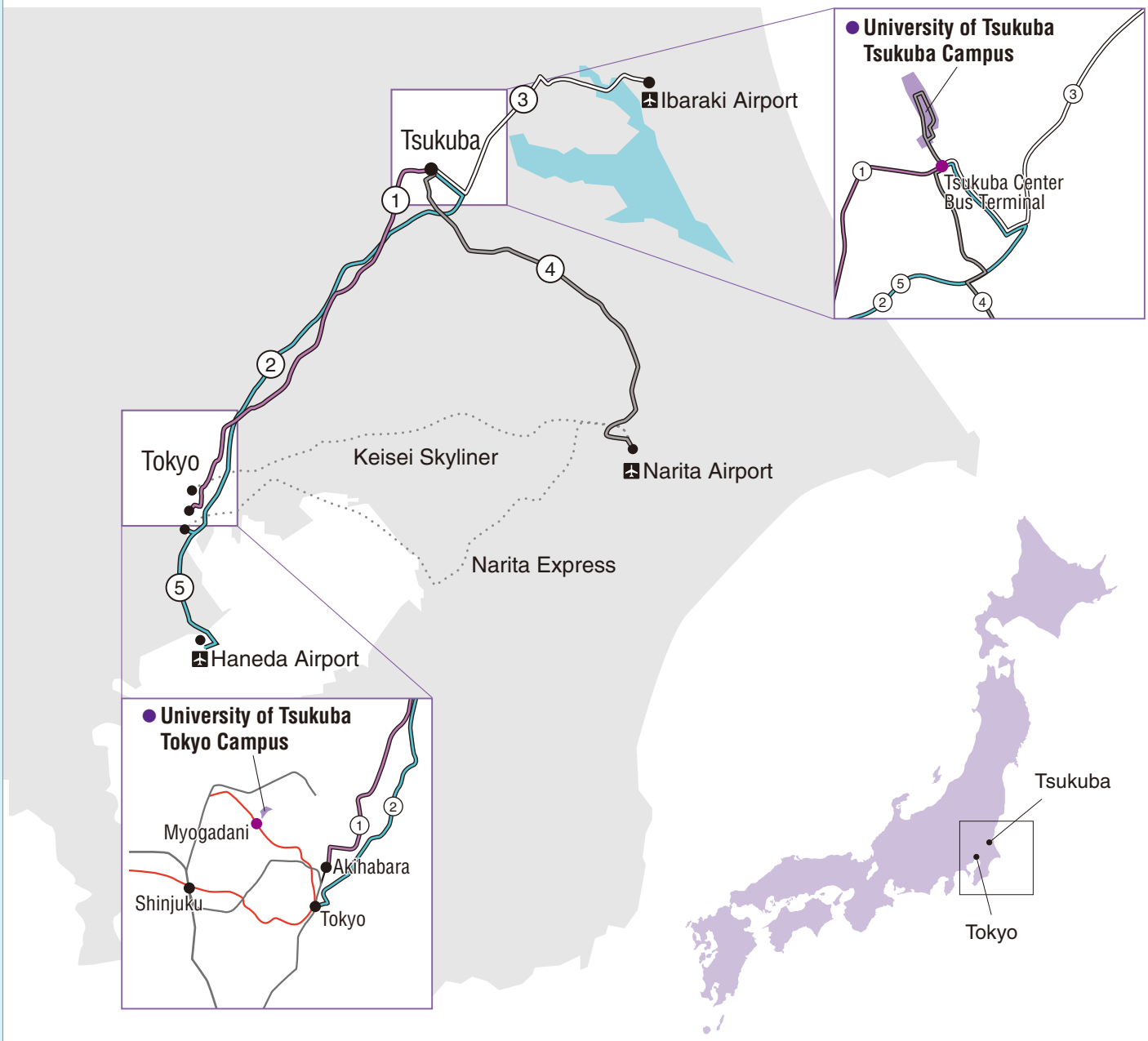
School Founding Year (Location)	Characteristics
Elementary School 1873 (Tokyo)	- Specialist teachers for each subject (Classes of 32 students) - Classes and research achievements made public on open days (twice a year; total attendance approx. 8,000 people)
Junior High School at Otsuka 1888 (Tokyo)	- Curriculum emphasizing language activities and experience-based learning - Events and activities planned, organized and run by students
Senior High School at Otsuka 1888 (Tokyo)	- Academic education ensures the acquisition of fundamental knowledge. Well-balanced curriculum. - Student-led events and ceremonies
Junior High School & Senior High School at Komaba 1947 (Tokyo)	- The only national integrated junior and senior high school for boys in Japan, designated a Super Science High School (22 consecutive years) - Students are encouraged to take part in various school events to develop their creativity and leadership
Senior High School at Sakado 1946 (Saitama)	- Practical education of integrated course education. A member of the UNESCO associated Schools Project Network, International Baccalaureate (IB) school. Organizes a High School ESD Symposium annually. - Development of experiential and practical learning that leads to students' way of life.
Special Needs Education School for the Visually Impaired 1876 (Tokyo)	- Dissemination of leading education and research as the only national school offering special needs education for the visually impaired in Japan - Learning by touch, students create school events by themselves
Special Needs Education School for the Deaf 1876 (Chiba)	- The only national school offering special needs education for the deaf - Practice and dissemination related to language instruction, subject instruction, professional education, etc. from infants to graduate programs
Special Needs Education School for the Mentally Challenged 1908 (Tokyo)	- A leader in education for people with intellectual disabilities - Practice of research and development on curricula, etc. for education of the intellectually disabled, designated by the Ministry of Education, Culture, Sports, Science and Technology as a school for research and development
Special Needs Education School for the Physically Challenged 1958 (Tokyo)	- A leader in education for people with physical disabilities - Individual learning plans and instruction aimed at developing independence; extensive use of ICT and self-made teaching materials
Special Needs Education School for Children with Autism 1973 (Kanagawa)	- A leader in education for people with intellectual disabilities related to autism - Disseminates educational knowledge and research results of autism education widely and contributes to develop this field by hosting the Education for Autistic Children Research Conference

Fieldwork project
(Senior High School at Sakado)

Nature observation experience
(Upper secondary department of Special Needs Education School for the Visually Impaired)

Remote joint class with public special needs education school
(Elementary Section of Special Needs Education School for the Physically Challenged)

Access



Access to the University of Tsukuba (Tsukuba Campus)

Train

① Akihabara Sta. — Tsukuba Express (TX) — Tsukuba Sta.
【45 min. by express train】

Highway Express Bus

② Tokyo Sta. — Tsukuba Center — University of Tsukuba
【About 75 min.】

Airport Bus

③ Ibaraki Airport — Tsukuba Center Bus Terminal
【About 60 min.】

④ Narita Airport — Tsukuba Center Bus Terminal
【About 60 min.】

⑤ Haneda Airport — Tsukuba Center Bus Terminal
【About 120 min.】

*To reach the University of Tsukuba, please take the bus "Tsukuba Daigaku Junkan (University of Tsukuba Campus Circular Bus)" at Tsukuba Center Bus Terminal adjacent to TX Tsukuba Station.


UNIVERSITY OF TSUKUBA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筑波大学
University of Tsukuba

Outline of the University
Academic Year 2023 - 2024

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