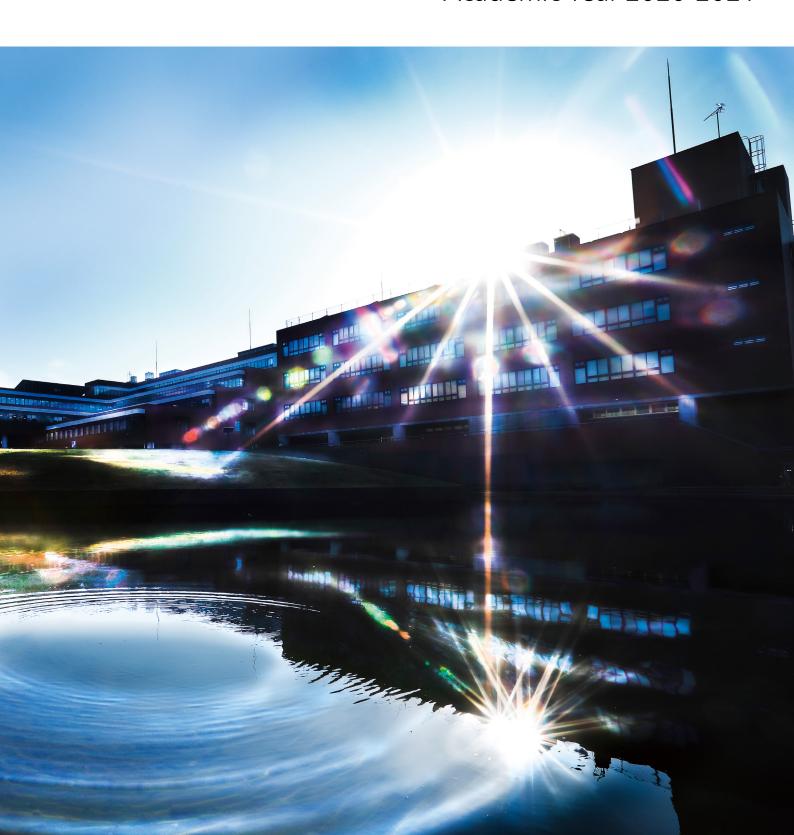
# University of Tsukuba

Academic Year 2020-2021



# MAGNE THE FUTURE

#### Brand Identity

Learn to envisage and create a better future at the University of Tsukuba.

#### **Brand Concept**

The University of Tsukuba is a future-oriented institution, and we have always sought to be an open university offering interdisciplinary education aimed at fostering internationally minded people. With faculties covering humanities, sciences, sports, and art, we are a university in the true sense of the original Latin meaning "the whole," and aim to nurture tomorrow's global leaders through a broad-ranging pursuit of academic excellence. Indeed, we seek to leverage our position in center of Tsukuba, Japan's world-leading research hub, to promote harmonious coexistence among all humankind.

#### Brand Slogan

### **IMAGINE THE FUTURE.**

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 I our slogan, "IMAGINE THE FUTURE."

The color of the slogan is TSUKUBA BLUE or FUTURE BLUE, which is the semi-school color.



Concept/School Emblem/History	/
Academics	
Schools and Colleges	
(Undergraduate Courses)	
Graduate Schools and	
Degree Programs	
Degree Hogidins	
School of Integrative and	
Global Majors	
Degree Programs for	
International Students	1
Steadfast Support for Students	
Entrepreneurship Education and	
Entrepreneurship Education and Support for Start-ups	
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Support for Start-ups	
Support for Start-ups  Research Organizations and  Centers	
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Support for Start-ups  Research Organizations and Centers  International Ties  University of Tsukuba Library	
Support for Start-ups  Research Organizations and Centers  International Ties  University of Tsukuba Library	
Support for Start-ups  Research Organizations and Centers  International Ties  University of Tsukuba Library  University of Tsukuba Hospital	
Support for Start-ups  Research Organizations and Centers  International Ties  University of Tsukuba Library  University of Tsukuba Hospital	

"KANO Jigoro"
Principal of the Higher Normal School and the
Tokyo Higher Normal School
Founder of the Kodokan Judo Institute
The first Asian member of the International
Olympic Committee.

Access

## Concept/School Emblem/History

#### 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

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.



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.

#### 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 countrywide 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.



#### Chronological Table

- (1949 According to the Act for Establishment of National School, the Tokyo University of Education was founded.)
- 1970 The Diet enacted the Tsukuba Science City Construction Law.
- 1972 A Cabinet meeting decided to establish and relocate 42 institutions, including Tsukuba Shin Daigaku(provisional), to Tsukuba.
- 1973 According to the Law which amended part of the Act for Establishment of National Schools(Act No. 103 of 1973), the University of Tsukuba was founded. The University of Tsukuba Library was founded. MIWA Tomoo was inaugurated as President.
- 1976 MIYAIIMA Tatsuoki was inaugurated as President.
- 1976 The University Hospital was opened.
- (1978 The Tokyo University of Education was closed.)
- 1980 FUKUDA Nobuyuki was inaugurated as President.
- 1986 ANAN Kouichi was inaugurated as President.
- 1992 ESAKI Leo was inaugurated as President.
- 1998 KITAHARA Yasuo was inaugurated as President.
- 2000 The Graduate School of Pure and Applied Sciences, the Graduate School of Systems and Information Engineering, and the Graduate School of Life and Environmental Sciences were established with the reorganization of the Doctoral Program.
- 2001 The Graduate School of Humanities and Social Sciences, the Graduate School of Business Sciences, and the Graduate School of Comprehensive Human Sciences were established with the reorganization of the Doctoral Program.
- 2002 According to the Law which amended part of the Act for Establishment of National Schools(Act No. 23 of 2002), the University of Tsukuba and the University of Library and Information Science were amalgamated.
- 2004 According to the National University Corporation Act(Act No. 112 of 2003), the University of Tsukuba became a National University Corporation. IWASAKI Yoichi was inaugurated as President.
- 2007 Establishment of the Schools of Humanities and Culture, the School of Social and International Studies, the School of Human Sciences, the School of Life and Environmental Sciences, the School of Science and Engineering, the School of Informatics, the School of Medicine and Medical Sciences, as a result of the reformation of the undergraduate system.
- 2009 YAMADA Nobuhiro was inaugurated as President.
- Partial reorganization of the Graduate School of Comprehensive Human Sciences
- 2011 "Faculty" was established as the new faculty organization.
- 2013 NAGATA Kyosuke was inaugurated as President.
- 2018 Reorganization of the Research Institutions
- 2020 School of Comprehensive Studies was established. Reorganization of the graduate schools and transition into new degree program system with establishing the Graduate School of Business Sciences, Humanities and Social Sciences; Graduate School of Science and Technology; and Graduate School of Comprehensive Human Sciences





## Academics

The University of Tsukuba students have plentiful opportunities to build up a broad liberal education by learning from many accessible disciplines in various schools and colleges - covering medicine, sports, and arts - outside of their chosen majors.

## Interdisciplinary, Cross-Sectional Education System

Educators at the University of Tsukuba belong to "faculties"; each pursues basic research and teaches at his or her assigned school, college, graduate school, program, and center, 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 interdisciplinary, cross-sectional structure conducive to the easier creation of new programs.

# Tsukuba's New and Unique System of Faculty Affiliation

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 "faculties," which are separate from the academic and research departments, thus enabling educators from one faculty to teach courses in multiple departments.





Humanities and Social Sciences	Business Sciences	Pure and Applied Sciences	Engineering, Information and Systems	Life and Environmental Sciences
Human Health a Sciences Sport Sc	/iic and		rary, Information d Media Science	Transdisciplinary Research
Tea		Rese	arch	
Bachelor's degree programs Schools, Colleges	Master's and Do programs, Grad schools, Degree programs, Progr	uate	Institutes, Cei (research)	nters
School of Integrative and Global Majors (Multi-disciplinary degree program)		j	Strategic Initiatives	
Centers, Academic Service Offices (Support for academics and student life)		)	Research Unit Research Gro	

## Schools and Colleges(Undergraduate Courses)

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			
<ul> <li>Mathematics</li> <li>Physics</li> <li>Chemistry</li> <li>Engineering Sciences</li> <li>Engineering Systems</li> <li>Policy and Planning Sciences</li> <li>Bachelor's Program in Interdisciplinary Engineering</li> </ul>			
Informatics			
Information Science  Media Arts, Science and Technology  Knowledge and Library Sciences			
Medicine and Health Sciences			
Medicine Nursing Medical Sciences			
Physical Education, Health Sport Sciences			
Art and Design			

## School of Comprehensive Studies

Students who enrolled in the School of Comprehensive Studies attend the school at the first grade and from the second grade, each of them belongs to a college or a specialty college.

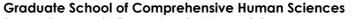




# Graduate Schools and Degree Programs

#### Degree Programs in Humanities and Social Sciences Humanities International Public Policy International and Advanced Japanese Studies Degree Programs in Business Sciences Law Business Administration ⟨Professional Degree Programs⟩ Law School Program MBA Program in International Business Graduate School of Science and Technology Degree Programs in Pure and Applied Sciences Mathematics Physics Chemistry **Engineering Sciences** Materials Innovation Degree Programs in Systems and Information Engineering Policy and Planning Sciences Service Engineering Risk and Resilience Engineering Computer Science Intelligent and Mechanical Interaction Systems Engineering Mechanics and Energy **Empowerment Informatics** 5D Life Science Innovation: Bioinformatics Degree Programs in Life and Earth Sciences Agro-Bioresources Science and Technology Agricultural Sciences D Life and Agricultural Sciences D **Bioindustrial Sciences** D Geosciences **Environmental Sciences** D **Environmental Studies** Mountain Studies Life Science Innovation: Food Innovation Life Science Innovation: Environmental Management Life Science Innovation: Biomolecular Engineering ⟨International Joint Degree Programs⟩ Joint Master's Degree Program in Sustainability and Environmental Sciences

Graduate School of Business Sciences, Humanities and Social Sciences



egree Programs in Comprehensive Human Sciences	
Education	М
Psychology	М
Disability Sciences	М
Counseling	М
Counseling Science	
Rehabilitation Science	М
Neuroscience	М
Medical Sciences	
Nursing Science	М
Medical Sciences	М
Public Health	М
Human Care Science	
Public Health	
Sports Medicine	
Physical Education, Health and Sport Sciences	М
Sport and Olympic Studies	М
Physical Education, Health and Sport Sciences	
Coaching Science	
Sport and Wellness Promotion	М
Art	М
Design	М
Heritage Studies	М
Informatics	М
Human Biology	
Life Science Innovation: Disease Mechanism	М
Life Science Innovation: Drug Discovery	М
(Domestic Joint Degree Programs)	
Joint Master's Program in International Development and Peace through Sport	М
Joint Doctoral Program in Advanced Physical Education and Sports for Higher Education	
(International Joint Degree Programs)	
International Joint Degree Master's Program in Agro-Biomedical Science in Food and Health	М

## School of Integrative and Global Majors

Bachelor's Program in Global Issues	В
Ph.D. Program in Humanics**	5D
WC1 + 16 -d MC1+ CP1 - C - C - C - C - TT 1 - 1 - 2 WICE D	. A37.0010

X Selected for the Ministry of Education, Culture, Sports, Science and Technology's WISE Program in AY 2018

- B Bachelor's Program
- 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





### Degree Programs for International Students

In addition to traditional Japanesetaught programs, the University of Tsukuba offers the following degree programs for international students.

### Degree programs in English

#### **Undergraduate Courses**

Social and International Studies

Undergraduate Program of International Social Studies

Life and Environmental Sciences

Interdisciplinary Program of Life and Environmental Sciences

Medicine and Medical Sciences

Undergraduate-Education Program for Medical Science

B
Science and Engineering

#### Graduate School of Business Sciences, Humanities and Social Sciences

В

Degree Programs in Humanities and Social Sciences

International Public Policy

International and Advanced Japanese Studies

(Professional Degree Programs)

MBA Program in International Business

#### Graduate School of Science and Technology

Life Science Innovation: Biomolecular Engineering

(International Joint Degree Programs)

Bachelor's Program in Interdisciplinary Engineering

Degree Programs in Pure and Applied Sciences Mathematics Physics Chemistry **Engineering Sciences** Materials Innovation Degree Programs in Systems and Information Engineering Policy and Planning Sciences D Risk and Resilience Engineering M D Computer Science Intelligent and Mechanical Interaction Systems D Engineering Mechanics and Energy **Empowerment Informatics** Life Science Innovation: Bioinformatics Degree Programs in Life and Earth Sciences Biology Agro-Bioresources Science and Technology D Agricultural Sciences D Life and Agricultural Sciences D Bioindustrial Sciences D Geosciences **Environmental Sciences Environmental Studies** Life Science Innovation: Food Innovation Life Science Innovation: Environmental Management

Joint Master's Degree Program in Sustainability and Environmental Sciences

#### Graduate School of Comprehensive Human Sciences

Degree Programs in Comprehensive Human Sciences Education Neuroscience Medical Sciences Medical Sciences Public Health Sport and Olympic Studies Design M D Heritage Studies D M D Informatics 5D Human Biology Life Science Innovation: Disease Mechanism Life Science Innovation: Drug Discovery (Domestic Joint Degree Programs) Joint Master's Program in International Development and Peace through Sport (International Joint Degree Programs) International Joint Degree Master's Program in Agro-Biomedical Science in Food and Health

#### School of Integrative and Global Majors

Integrative and Global Majors

11110;	granto ana ciobartilajois	
Ba	chelor's Program in Global Issues	В
Ph	.D. Program in Humanics**	5D
₩ Sel	ected for the Ministry of Education, Culture, Sports, Science and Technology's WISE Pro	gram in AY 2018

#### Degree programs in Japanese

#### Japan-Expert Program

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

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

- B Bachelor's Program
- 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





## Steadfast Support for Students



#### Tsukuba Action Project(T-ACT)

T-ACT helps students put their ideas into action. They can play an active part in any of the three groups - "action" that students freely organize, "plan" which enables participants to join activities of the faculty members, and "volunteer" where students work together with local organizations. In addition, the special staffs are always available to ensure that students can work at ease. Through these activities, students can enrich their campus life by piling up various experiences and acquire practical social skills.



#### Support for Students with Disabilities or LGBT+

The University of Tsukuba has actively been supporting a lot of students with disabilities since the establishment of the university. At present, more than 130 students with disabilities such as visual, hearing, motor impairment, visceral disease and developmental disability, are enrolled in various areas of the School and Graduate School. Furthermore, the university also promotes the support system for LGBT+ students by formulating the guideline and establishing the support desk in the Center for Diversity, Accessibility and Career Development.



#### Global Village

Global Village has started its operation since April 2017. This is a shared-house type of student residence for a mixed group of Japanese and International Students, which is designed to create an environment where students can learn to become international minded by interacting with students from different countries.

# Entrepreneurship Education and Support for Start-ups

#### Phased Entrepreneurship Education

The University of Tsukuba offers various courses about start-ups based on the skills such as "Next-Generation Entrepreneur Training Course" for first-year students of the school to foster entrepreneurial mindsets, "Tsukuba Creative Camp(TCC) Basic"(Introductory level) and "TCC Advanced"(advanced level) to foster practical entrepreneurial skills and "Essential Knowledge of Management and Intellectual Property for Entrepreneurs." In addition, the university encourages researchers on and off-campus to connect their research findings with starting new businesses through "EDGE-NEXT(Exploration and Development of Global Entrepreneurship for NEXT generation)" conducted by the Ministry of Education, Culture, Sports, Science and Technology(MEXT).

#### Counseling Office for Future Entrepreneurs

In addition to these courses, one-stop consultation on starting a business is available at all times. The University of Tsukuba provides a wide range of supports from the stage of being interested in starting a business to the establishment of the company.



# Research Organizations and Centers

#### International Institute for Integrative Sleep Medicine

#### **Advanced Reseach Centers**

- · Center for Computational Science
- Life Science Center for Survival Dynamics, Tsukuba Advanced Research Alliance
- · 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 Isotopes and Environmental Dynamics
- · 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 Support Centers**

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

#### **Education and Student Support Service Centers**

- $\boldsymbol{\cdot}$  Center for Education of Global Communication
- · Sport and Physical Education Center
- · Admission Center
- · University Health Center

#### Institute for International Science Innovation

· Innovation Medical Research Institute

#### Institute for Joint Usage & Research

· Tsukuba Clinical Research & Development Organization

#### **Research and Development Centers**

- · The Algae Biomass and Energy System R&D Center
- · 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

#### **Umbrella Organization for Competitive Sports**

· Athletic Department

## Acupuncture and physical Therapy Teacher Training School



## International Ties

At the University of Tsukuba, we seek to raise the standard of our academics and research and to foster a global perspective in students through international academic exchanges. To that end, we have agreements with overseas institutions for the exchange of students and faculty, credit transfers, and the acceptance of foreign educators and researchers. We also actively welcome students from all around the world.

#### Students from Overseas

The University of Tsukuba has attracted more than 2,500 international students from over 110 countries and regions. While offering attractive degree programs that can be obtained only through classes in English, the University of Tsukuba also offers proper Japanese language education tailored to various levels, skills, and purposes such as learning and research activity, daily life, and job hunting in Japan.

#### Overseas Study Opportunities

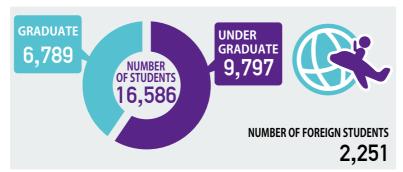
The University of Tsukuba assists students' opportunities to study abroad with the aim of developing human resources who can play active roles in the global society. A lot of students go on the exchange programs based on the student exchange agreements with many overseas universities and research institutes. In addition, students have the opportunities to join the university's short-term language training programs and overseas training programs during the spring and summer holidays. The university also has unique scholarship programs for students participating in these programs.

#### Overseas Partner Universities

The University of Tsukuba has signed 390 partnership agreements with other universities and research institutes from 69 countries and regions(10 Campus-in-Campus agreements, 159 inter-university exchange agreements, and 221 inter-departmental exchange agreements). (As of May 1, 2020)

## Internationalization in everyday life

To encourage students to develop their global awareness, the University of Tsukuba offers plenty of opportunities for Japanese and international students to interact with each other on a daily basis. At "Student Commons", for example, international exchange events and go abroad information sessions take place, and students who have experiences to go abroad accept individual consultations. As a community space, it can also be used to hold the events of intercultural experiences and to interact with international students from various countries and regions.



(As of May 1, 2020)

#### Overseas Offices

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. At present, there are 12 offices in 12 countries and regions, each of which is charged with identifying talented candidates for study at the University of Tsukuba in Japan, supporting our students overseas, promoting and assisting with joint academic activities with partner institutions, and building our network of alumni.



### A Transborder University

#### Top Global University Project

Under the Top Global University Project launched by the Japanese Ministry of Education, Culture, Sports, Science and Technology(MEXT) in 2014, the University of Tsukuba was selected as one of the Type A(Top Type) universities that are conducting world-leading education and research. Through the project, we aim to create a global education and research environment by transcending national, institutional, and all other barriers. To realize this, the "Campus-in-Campus" concept enhances greatly our university's founding philosophy of a "university open to all" and create a "Transborder University which opens up Japanese higher education and society to the world".

#### Campus-in-Campus(CiC)

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. With the University of Tsukuba and its CiC partner universities sharing classes and teaching staff through the Course Jukebox System, as well as sharing labs, research and educational units through joint appointments of researchers and staff, the CiC Initiative allows us to realize unfettered mobility of students, faculty and staff members in a global education and research environment.

#### CiC Partner Universities

University of Bordeaux [France]
National Taiwan University [Taiwan]
University of São Paulo [Brazil]
Universiti Teknologi Malaysia
[Malaysia]
University of California, Irvine
(Research Partner) [US]
Utrecht University (Research Partner)
[Netherlands]
Université Grenoble Alpes [France]
Ohio State University [US]





## 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, faculty members systematically maintain E-books, E-journals and database, enabling 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.



## **Laboratory Schools**

With the three concepts of becoming a leading educational base, teacher education base and international education base, the University of Tsukuba is leading the primary, secondary and special educations of the world as well as those of Japan in collaboration with other universities.

#### School(Location)

Elementary School(Tokyo)

Junior High School at Otsuka(Tokyo)

Senior High School at Otsuka(Tokyo)

Junior High School & Senior High School at Komaba(Tokyo)

Senior High School at Sakado(Saitama)

Special Needs Education School for the Visually Impaired(Tokyo)

Special Needs Education School for the Deaf(Chiba)

Special Needs Education School for the Mentally Challenged (Tokyo)

Special Needs Education School for the Physically Challenged(Tokyo) Special Needs Education School for Children with Autism(Kanagawa)



## 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 AY2020, 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.



# Nobel Prize/Olympics and Paralympics

The University of Tsukuba is a unique university that produces both Nobel Prize winners and medalists of international sports competitions. There are 3 Nobel Prize winners and over 100 students or graduates who became Olympians or Paralympians thus far.

#### **Nobel Laureates**



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.



**ESAKI Leo**Professor Emeritus, former
President of the University of
Tsukuba

Tsukuba

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



SHIRAKAWA Hideki
Professor Emeritus
Awarded the 2000 Nobel
Prize in Chemistry, for the
discovery and development of

Olympic and Paralympic medals won by University of Tsukuba people\*

	Olympic	Paralympic
Gold	5	13
Silver	7	23
Bronze	14	19

※Includes those won by students, graduates, and faculty of the current University of Tsukuba, as well as those of UoT's forerunners the Tokyo Higher Normal School and the Tokyo University of Education, and laboratory schools.

# Access





# MAGINE THE FUTURE.

imagine the future

our earth our environment our society

without imagination there can be no creation

for the future of this, our planet we cannot fail

create the future

for one and all a bright, sustainable future

rise up to the challenge open the door to the future

## Outline of the University Academic Year 2020-2021

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