

Welcome
to the Kashiwa Campus
of The University of Tokyo



Adventures in Knowledge

Kashiwa campus is the newest of the three main campuses of The University of Tokyo in addition to campuses at Hongo and Komaba, and was established with the vision of building a new community with a strong interdisciplinary and international character that can respond to the dynamic scientific and educational needs of the 21st Century.

Hongo campus, the core of traditional academic activities at The University of Tokyo since its foundation in 1877, and Komaba campus, focusing on undergraduate studies and building interdisciplinary links between established fields of study for over 60 years, have longstanding academic traditions. The Kashiwa campus recently joined this family and aims at a fundamental reorganization of the structure of traditional academic disciplines, reconsidering the framework of how knowledge is created and organized. Under the slogan of “Adventures in Knowledge”, the Kashiwa campus has started various new initiatives.

The Graduate School of Frontier Sciences (GSFS) consists of three divisions each with relevant departments: Division of Transdisciplinary Sciences, Division of Biosciences, and Division of Environmental Studies. GSFS aims to create new frontiers of academic fields. The Institute for Solid State Physics (ISSP) is exploring a wide variety of phenomena exhibited by various materials from the viewpoint of basic science using state-of-art experimental facilities and techniques. Materials under study include those forming the basis of today's high-tech society and its future development.

The Institute for Cosmic Ray Research (ICRR) is pursuing the origins of the universe and matter through research on cosmic rays. The Atmosphere and Ocean Research Institute (AORI) not only promotes basic research on the ocean and atmosphere, but also contributes to society through deepening ocean and climate science. The University of Tokyo Institutes for Advanced Study, Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU) pursues the deep mysteries of the universe through the integration of Physics and Mathematics. Other departments include RACE (Research into Artifacts, Center for Engineering), the Center for Spatial Information Science, the Kashiwa Branch of the Environmental Science Center, the Information Technology Center, the Institute of Gerontology and the Kashiwa Library. As the names suggest, these facilities bring together people from a wide variety of research fields. As an important part of facilitating communication between research fields, the Kashiwa campus also has a strong international character, promoting international contacts and the exchange of ideas from around the world. Through the facilities that exist now or will be built in the near future, the Kashiwa campus has excellent coverage of many of the new fields of science that have growing importance in shaping our lives in the 21st Century. Abandoning the constraints of traditional ways of organizing science, Kashiwa campus has quickly responded to the continuously evolving frontiers of science in an increasingly global and dynamic society by building new interdisciplinary research facilities and seeding new academic fields. These achievements will make the “adventures in knowledge” in Kashiwa possible.

Growth of the Kashiwa Campus

In 1998, The University of Tokyo established a new campus about 30 km northeast of Tokyo located in Chiba prefecture, in the northern part of Kashiwa city, adjoining Kashiwanoha Park, and the University has consolidated several academic and research units since then. At the beginning of 2011, the total number of faculties, graduate students, and researchers at the Kashiwa campus exceeded 3,000.

Relocated in 2000	● Institute for Cosmic Ray Research	(from Tanashi campus)
	● Institute for Solid State Physics	(from Roppongi campus)
2001	● Division of Integrated Biosciences, Graduate School of Frontier Sciences	(from Hongo campus)
2003	● Division of Transdisciplinary Sciences, Graduate School of Frontier Sciences	(from Hongo campus)
2005	● Research into Artifacts, Center for Engineering	(from Komaba campus)
	● Center for Spatial Information Science	(from Komaba campus)
	● High Temperature Plasma Center	(from Hongo campus)
	[incorporated into Graduate School of Frontier Sciences in 2008]	
	● Center for Climate System Research	(from Komaba campus)
	[Consolidation of the Ocean Research Institute and Center for Climate System Research into the Atmosphere and Ocean Research Institute in 2010]	
2006	● Division of Environmental Studies, Graduate School of Frontier Sciences	(from Hongo campus)
2007	● Institute for the Physics and Mathematics of the Universe	
	[established in 2007, reorganized into Todai Institutes for Advanced Study, IPMU in 2011, renamed Kavli Institute for the Physics and Mathematics of the Universe in 2012, renamed The University of Tokyo Institutes for Advanced Study, Kavli Institute for the Physics and Mathematics of the Universe in 2015]	
2010	● Atmosphere and Ocean Research Institute	(from Nakano campus)
	[Consolidation of the Ocean Research Institute and Center for Climate System Research into the Atmosphere and Ocean Research Institute in 2010]	
2011	● Information Technology Center	(from Hongo campus)
	Support facilities in Kashiwa	
Founded 2000	● Health Services Center Kashiwa Branch	
2003	● Environmental Science Center, Kashiwa Branch	
2004	● Kashiwa Library	

Outline of The University of Tokyo

Established:	1877 (Departments of Law, Science, Literature, and Medicine)	
President:	Makoto Gonokami	
Teaching/research organizations:	10 faculties, 15 graduate schools, 11 institutes, 15 shared facilities	
Campuses:	Hongo (Bunkyo-ku, Tokyo)	559,176m ²
	Komaba (Meguro-ku, Tokyo)	352,180m ²
	Kashiwa (Kashiwa, Chiba)	405,313m ²

■ Kashiwa Campus Management

The Kashiwa Campus Joint Academic Management Council was established as an organization for discussing and deciding matters regarding academic management common to all Departments on the Kashiwa Campus.

Its role is to deal with

- (1) Matters referred to the Council by Departments in the Kashiwa Campus
- (2) Other matters regarding academic management common to all these Departments

Kashiwa Campus Joint Academic Management Council

Kashiwa Campus Amenity Office

Kashiwa Campus Liaison Office

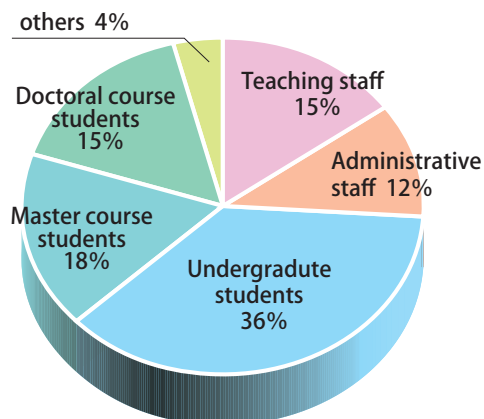
Kashiwa Campus Health and Safety Office

■ The people that make up the Kashiwa campus

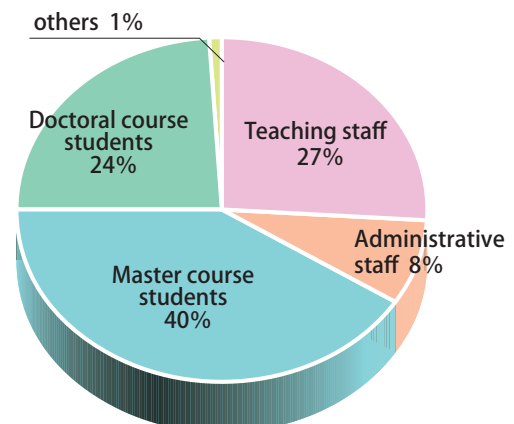
Classification	Number of faculty and staff													Number of graduate students and research students							
	Faculty / Researchers			Technical personnel			Administrative staff			Total			Master Course		Doctoral Course		Others		Total		
	Full-time	Fixed-term	Part-time	Full-time	Fixed-term	Part-time	Full-time	Fixed-term	Part-time	Full-time	Fixed-term	Part-time		GSFS		GSFS		GSFS		GSFS	
Graduate School of Frontier Sciences	181	94	64	0	0	38	22	20	126	203	114	228	545	888		498		30		1,416	0
Institute for Cosmic Ray Research	37	26	0	8	0	21	8	5	20	53	31	41	125	30	0	22	0	0	0	52	0
Institute for Solid State Physics	83	61	5	31	0	17	12	3	45	126	64	67	257	35	42	42	25	1	1	78	68
Atmosphere and Ocean Research Institute	66	50	12	15	0	35	18	6	46	99	56	93	248	51	15	54	13	1	1	106	29
Research into Artifacts, Center for Engineering	8	3	1	0	0	3	0	1	6	8	4	10	22	28	0	7	0	2	0	37	0
Center for Spatial Information Science	13	9	7	0	0	4	0	0	4	13	9	15	37	19	29	9	13	0	1	28	43
Environmental Science Center, Kashiwa Branch	2	0	0	0	0	0	0	0	1	2	0	1	3								
Information Technology Center	2	2	0	2	0	0	0	1	1	4	3	1	8								
Kavli Institute for the Physics and Mathematics of the Universe, UTIAS	8	71	4	0	0	2	9	12	15	17	83	21	121								
Institute of Gerontology	0	2	0	0	0	0	0	0	4	0	2	4	6								
Future Center Initiative	0	1	1	0	0	0	0	0	3	0	1	4	5								
Health Services Center, Kashiwa Branch	0	0	0	2	0	1	1	0	0	3	0	1	4								
International Center, Kashiwa Office	0	0	0	0	0	0	0	2	1	0	2	1	3								
Kashiwa Library	0	0	0	0	0	0	5	0	1	5	0	1	6								
Research Center Support Office / Kashiwa	0	0	0	0	0	0	4	0	4	4	0	4	8								
Kashiwa Administration Department Center	0	0	3	0	0	5	28	0	17	28	0	25	53								
Total	400	319	97	58	0	126	107	50	294	565	369	517	1,451	1,051		632		34		1,717	

*Number of faculty and students are the numbers as of May 1st, 2015.

■ People who make up The University of Tokyo(38,465)



■ People who make up Kashiwa Campus(2,651)



*All numbers as of May 1, 2015.

*517 part-time staffs not included.

*Others are specialists and researchers.

Facilities at the Kashiwa campus



■ Graduate School of Frontier Sciences (GSFS)

- Division of Transdisciplinary Sciences
 - Department of Advanced Materials Science
 - Department of Advanced Energy
 - Department of Complexity Science and Engineering
- Division of Biosciences
 - Department of Integrated Biosciences
 - Department of Computational Biology and Medical Sciences
- Division of Environmental Studies
 - Department of Natural Environmental Studies
 - Department of Ocean Technology, Policy, and Environment
 - Department of Environment Systems
 - Department of Human and Engineered Environmental Studies
 - Department of Socio-Cultural Environmental Studies
 - Department of International Studies
 - Graduate Program in Sustainability Science-Global Leadership Initiative
- Research Center for Total Life Health and Sports Sciences (Kashiwa II campus)
- Center for Omics and Bioinformatics
- Bioimaging Center
- Functional Proteomics Center
- UTokyo-JAXA Center for Composites

■ Institute for Cosmic Ray Research (ICRR)

Research Divisions

Neutrino and Astroparticle Division
 High Energy Cosmic Ray Division
 Astrophysics and Gravity Division

Research Facilities

- Kamioka Observatory (Kamioka-cho, Hida City, Gifu)
- Research Center for Cosmic Neutrinos
- Norikura Observatory (Takayama City, Gifu)
- Akeno Observatory (Hokuto City, Yamanashi)

■ Institute for Solid State Physics (ISSP)

Research Divisions

Division of New Materials Science
 Division of Condensed Matter Theory
 Division of Nanoscale Science
 Division of Physics in Extreme Conditions

Research Facilities

- Materials Design and Characterization Laboratory
- Neutron Science Laboratory
- International MegaGauss Science Laboratory
- Center of Computational Materials Science
- Laser and Synchrotron Research Center

■ Atmosphere and Ocean Research Institute (AORI)

Research Divisions

Division of Climate System Research

- Department of Climate System Modeling
- Department of Climate Variability Research

Division of Ocean-Earth System Science

- Department of Physical Oceanography
- Department of Chemical Oceanography
- Department of Ocean Floor Geoscience

Division of Marine Life Science

- Department of Marine Ecosystem Dynamics
- Department of Marine Bioscience
- Department of Living Marine Resources

Department of Collaborative Research

Research Centers

- International Coastal Research Center
- Center for International Collaboration
- Center for Earth Surface System Dynamics
- Analytical Center for Environmental Study



Transdisciplinary Sciences, GSFS



Biosciences, GSFS



Environmental Studies, GSFS



Institute for Cosmic Ray Research (ICRR)



Institute for Solid State Physics (ISSP)



Atmosphere and Ocean Research Institute (AORI)

■ **Research into Artifacts, Center for Engineering**

Division of Human-Artifactology
Division of Socio-Artifactology

■ **Center for Spatial Information Science**

Division of Spatial Information Analysis
Division of Spatial Information Engineering
Division of Spatial Socio-Economic Research
Division of Joint Usage and Research

■ **Environmental Science Center, Kashiwa Branch**

Kashiwa Branch of the Environmental Science Center performs both research and education on environmental conservation and safety management. It also supervises management, treatment, and disposal of hazardous wastes generated on Kashiwa Campus.

■ **Information Technology Center (Joint Usage/Research Center, MEXT)**

The Information Technology Center (ITC) is one of the largest supercomputer centers in Japan. ITC operates two supercomputers with more than 1,500 users, where 50% of them are outside of the university. ITC's main mission is providing services to support these users. Research and education related to large-scale scientific simulations, and system software on supercomputers are conducted.

■ **Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU), The University of Tokyo Institutes for Advanced Study (UTIAS)**

Kavli IPMU, selected by MEXT for the World Premier International Research Center Initiative, is a multi-disciplinary research institute aiming at studying dark energy, dark matter, and unified theories (such as superstring theories and quantum gravity). The mission of Kavli IPMU is to understand the origin and evolution of the universe through synergetic efforts in mathematics, physics, and astronomy.

■ **Institute of Gerontology (IOG)**

The Institute of Gerontology is a multi-disciplinary research institute which aims to first collect and organize the various knowledge and technology regarding individual as well as aging population into the science of "Gerontology", and then further this science. The mission of IOG is to confront the various challenges facing an aging society from a multi-disciplinary perspective and offer new, viable solutions thereby effectively using what is learned, adding value, and returning it back into society.

■ **Future Center Initiative**

Future Center Initiative facilitates a commercialization of research products of the University of Tokyo through social experiments in Kashiwa area. Kashiwanoha Campus Station Satellite is used as an interchanging facility of academic and private organizations.

■ **International Center Kashiwa Office, Division of International Affairs**

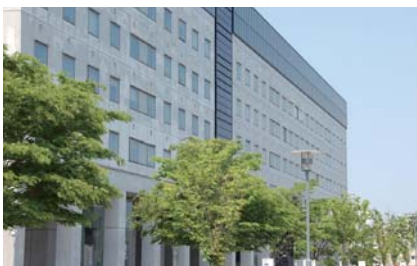
The International Center Kashiwa Office provides a variety of services to support internationalization of Kashiwa Campus such as providing information on visa procedures and life in Japan, and arranging language classes and cultural exchange events.

■ **Division for Health Service Promotion (Kashiwa Health Service Center)**

The Kashiwa Health Service Center provides health management services and medical care for the students, faculties, and researchers at the Kashiwa campus.

■ **Kashiwa Library**

Kashiwa Library is the central library on the Kashiwa Campus, one integral part of the tripolar structure of the University of Tokyo. It assists the realization of the "Multidisciplinary Integration", the fundamental principle of the Kashiwa Campus, providing access to and help in finding by academic information. It also aims to be a research center and a place to advance multidisciplinary integration, intellectual creation, and communicating creative information.



Kashiwa Research Complex



Kashiwa Research Complex2



Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU), The University of Tokyo Institutes for Advanced Study (UTIAS)



University of Tokyo KashiwaII Campus



Kashiwanoha Campus Station Satellite



Kashiwa Library



Community partnerships, industry-academia cooperation, and international activities at the Kashiwa campus

The spirit of transdisciplinarity is the driving force in new industry creation and urban revitalization based on the collaboration of Chiba Prefecture, Kashiwa City, Nagareyama City, and The University of Tokyo that has brought an academic center, Kashiwa campus, back to the regional community. The University actively promotes the transfer of technology to industry, and is making great strides in internationalizing the campus.

■ Open Campus

An open campus program is held on the last Friday and Saturday of October every year. Some 5,000 people participate in open campus events that include visiting research laboratories and touring large-scale experiment facilities.

■ Kashiwa Library Club

Kashiwa Library Club is an group for supporting activities of the Kashiwa Library in The University of Tokyo, and also for promoting exchanges between the members and additionally between the members and the library staffs. Anyone who agrees with the purpose of the club, is eligible for membership exception of high school students or younger children. The club members may borrow open-stack books, and will also receive announcements of library events by mail.

■ Urban Design Center Kashiwa-no-ha (UDCK)

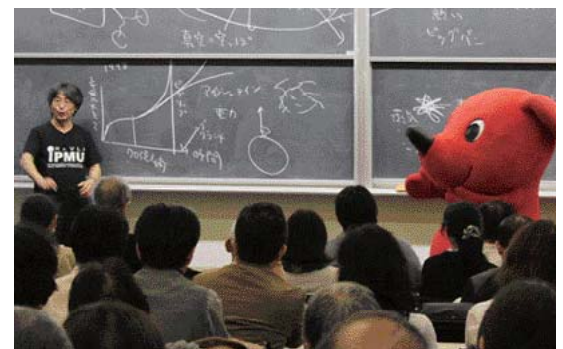
Urban Design Center Kashiwa-no-ha was established as a joint research center of The University of Tokyo, Chiba University, Kashiwa City, Mitsui Fudosan Co., Ltd., The Kashiwa Chamber of Commerce and Industry, and regional community (Tanaka regional Furusato committee), and Metropolitan Intercity Railway Company. It is located in front of Kashiwanoha Campus Station, and operates pilot programs and seminars based on research achievements and ideas from the universities.

■ Public Lectures

With the cooperation of Kashiwa City and the Kashiwa Chamber of Commerce and Industry, The University holds lectures open to the public, inviting Nobel Prize winners and other notable speakers.



Open Campus



Open Campus



Kashiwa Library



Urban Design Center Kashiwa-no-ha (UDCK)

■ University Consortium Tokatsu

University Consortium Tokatsu was founded to promote further development of the Tokatsu area in collaboration with Kashiwa and four other nearby cities and eleven universities. It consists of three actively operating sections: “Internationalization”, “Teganuma Lake”, and “Learning and Practice”. The University of Tokyo participates as a member.

■ Cooperation with the Tokatsu Techno Plaza

Tokatsu Techno Plaza, established by Chiba prefecture, is an organization that provides support for corporate research and development in the prefecture. The University of Tokyo participates in the following projects:

• University Research Exchange Salon

At this workshop, researchers from the University among others provide lectures and consultation to people from the corporate and government sectors about new technology and new product development. The University of Tokyo sends a lecturer and consultant to this workshop.

• Summer Science Class

This class educates children on different views of science, and teaches the importance and joy of making things with their hands. The University of Tokyo sends an instructor to this class.

■ Cooperation with the Todai Kashiwa Venture Plaza

The Todai Kashiwa Venture Plaza was established by the Organization for Small and Medium Enterprises and Regional Innovation Japan. It provides support to small and medium venture firms that aim to research and develop new products and new technology or to enter new technology fields based on university discoveries and inventions. The University of Tokyo cooperates with many of the firms involved.

■ Sawayaka Chiba Kenmin Plaza

Sawayaka Chiba Kenmin Plaza is the prefectural complex facility for lifelong learning as well as art and culture. The University of Tokyo sends a lecturer for their Kashiwanoha Academia Lecture, and also provides lectures and the tours about advanced technologies and environment concerns.

■ Cooperation with the Japan Atomic Energy Agency

A Researcher-in-Residence from The Center for Computational Science & e-Systems at the Japan Atomic Energy Agency is always on the Kashiwanoha Station Campus and promotes joint research on high technology computational science toward complexity phenomena of materials, structures, and fluids. The University of Tokyo cooperates in growing human resources in supercomputing and its application fields.

■ International Exchange Activities

The Kashiwa Campus is defined as the international base of The University of Tokyo. The International Center Kashiwa Office assists to students and researchers from abroad concerning visa procedures, housing information, and a variety of other services as well as acting as a contact to regional municipalities. Additionally, the International Lodge (Kashiwa Lodge) opened on Kashiwa Campus II in 2010. The University is planning the development of an “international village for all disciplines”. The idea is that foreign students and researchers from all over the world come together to exchange ideas and learn in an environment where learning and living in the same place.



Joint Research on High Technology Computational Science with the Japan Atomic Energy Agency



Kabuki Event for International Students and Researchers (National Theater)

Map of the Kashiwa Campus, The University of Tokyo



Access to the Kashiwa Campus

- Kashiwanoha-Campus Station West Exit (Tsukuba Express Line)
<Tobu Bus>
西柏03 bound for Nagareyama-ōtakanomori Station East Exit
→ get off at Todai-mae, Todai-nishi stop (Some terminate at Todai-nishi stop)
西柏04 bound for Edogawadai Station East Exit (via National Cancer Center)
→ get off at Todai-mae, Todai-nishi stop
西柏10 bound for Edogawadai Station East Exit (via Midoridai-chuo)
→ get off at Todai-mae, Todai-nishi, Todai-nishimon-mae stop
<on foot> about 25-minute walk
- Kashiwa Station West Exit (JR Joban Line)
<Tobu Bus>
西柏01 bound for National Cancer Center (via Kenmin Plaza)
→ get off at Todai-nishi, Todai-mae stop
柏44 bound for National Cancer Center (via Customs Training Institute)
→ get off at National Cancer Center stop
- Edogawadai Station East Exit (Tobu Urban Park Line)
<Tobu Bus>
西柏04 bound for Kashiwanoha-Campus Station West Exit (via National Cancer Center)
→ get off at Todai-nishi, Todai-mae stop
西柏10 bound for Kashiwanoha-Campus Station West Exit (via Midoridai-chuo)
→ get off at Todai-nishimon-mae, Todai-nishi, Todai-mae stop
- Joban Highway : at Kashiwa IC exit to Chiba direction to take Route 16 for 500m and turn right at the "Toyofuta Industrial Estate Entrance" crossing

Access to the Kashiwa Campus II

- Kashiwanoha-Campus Station West Exit (Tsukuba Express Line)
<Tobu Bus>
西柏02 bound for Kashiwa Station West Exit or 西柏05 for Takada-shako
→ get off at Kashiwanoha Park-chuo, Kashiwanoha high school-mae stop
<on foot> about 15-minute walk
- Kashiwa Station West Exit (JR Joban Line)
<Tobu Bus>
西柏01 bound for National Cancer Center (via Kashiwanoha Park)
→ get off at Kashiwanoha high school-mae stop
西柏02 bound for Kashiwanoha-Campus Station West Exit or 柏44 for National Cancer Center (via Customs Training Institute)
→ get off at Kashiwanoha high school-mae, Kashiwanoha Park-chuo stop

Access to the Kashiwanoha Station Campus

- Kashiwanoha-Campus Station West Exit (Tsukuba Express Line) 1 minutes' walk

