

# Tohoku University Fact Book 2019



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## Historical Background

Tohoku University, formerly known as Tohoku Imperial University, was founded in 1907. Unlike other imperial universities of that time, it initiated an “Open Door” policy, accepting graduates from both technical and regular high schools. In 1913, it went a step further and, despite opposition from the government, became Japan’s first university to admit female students.

At the time of its founding, Tohoku University was able to attract young and brilliant researchers from around the world to serve as faculty members. A “Research First” principle was thus established, calling on scholars to not only pursue highly productive research, but to also put their findings to work in the teaching of their students.

In addition to this, Tohoku University has a proud tradition of “Practice-Oriented Research and Education,” in which the results of cutting-edge research are put to use for the good of society and the improvement of living standards. Achievements include the establishment of local venture businesses which have contributed to regional industry, and the recognition of the university as the nation’s center for research on family law.

In 2011, Tohoku University was severely damaged by the Great Eastern Japan Earthquake. In addition to focusing on its own recovery, the university also responded to the disaster by providing expertise and support to the region through numerous reconstruction efforts. Eight years on, the university remains committed to its role in the recovery process.



## ■ Mission Statement

Since 1907, Tohoku University has embraced its role as one of Japan's leading institutions, developing future leaders through academic excellence and inspiring, innovative research. The three basic tenets of Research First, Open Doors and Practice-Oriented Research and Education have defined us for over a century and continue to lead the way forward.

For 2019/20, Tohoku University will focus on the following goals:

### 1. Cultivation of leadership talent

For undergraduate education, we aim to nurture talented individuals who are learned and well-rounded in character, and who can look at events that happen in society and nature with a "scientific mind." We encourage leaders who are intellectually motivated and who can apply their expertise in multiple fields with a global perspective.

For our postgraduate education, we wish to nurture professionals who have advanced specialized knowledge. These innovative researchers can comprehend world-class research, apply their own creative insights and carry out new developments in their fields.

### 2. A university centered on ground breaking research

We aim to consistently produce high-quality research across a broad spectrum of fields, not just in the natural sciences, but also in social sciences and the humanities. We will create and develop educational programs that respond to a rapidly changing knowledge-based society, and host international forums to encourage the exchange of ideas.

We will reinforce our reputation as an international research base through establishing close ties and collaborations with local and foreign research networks. And we will continue to develop our four campuses as places that enable students to combine the pursuit of innovation with the responsibilities of leadership.

### 3. Being a global university that leads

We will rise to meet global challenges and seek to make a difference wherever we can. We value diversity and welcome talented students, instructors and researchers from all walks of life who are united in their desire to make the world better. To that end, we will continue to promote greater collaboration between our university and industry to ensure our research results make an impact in our communities.

## Message from the President

### Introduction

For more than a century, Tohoku University has groomed generations of leaders and supported them with the most innovative technology that the world's best research teams can produce. And we achieved this by never waivering from the three tenets that have defined the university since its founding in 1907 – a “Research First” tradition, an “Open Doors” philosophy and working in the spirit of “Practice-oriented Research and Education.”

Our research achievements and contributions, coupled with our wide network of collaborative partners, led to us being one of the first three institutions to be conferred the status of a Designated National University by the Japanese government in June 2017.

But along with the recognition comes a great responsibility. The advancement of globalization and of the Fourth Industrial Revolution - in particular, innovations in life sciences, the rapid spread of artificial intelligence (AI) and the Internet of Things (IoT) – are fundamentally changing the way we live. Even as the science gets more sophisticated, the world – with its backdrop of climate change, world hunger and widening economic disparities – is becoming more complex and polarized.

As educators tasked with finding solutions, it is important that we continue to evolve and adapt. Fact Book 2019 attempts to explain some of the changes we have made.



### Collaborate. Innovate. Activate.

In November 2018, we unveiled the “Tohoku University Vision 2030,” a long-term plan of action which identifies priority projects and precise objectives to be accomplished over the next decade.

There are four main components to this vision: advancing the education of the next generation of leaders and helping them develop a global perspective; creating new knowledge through academic excellence; pursuing collaboration with industry and communities both at home and abroad; and introducing reforms for better governance of our institution.

### Education: Fostering Creative Talent and Future Leaders in Times of Rapid Change

We will revise and renew various aspects of undergraduate education in order to better prepare our students for life. Twelve new educational policies have been put in place with the aim of creating future leaders and dynamic researchers among our students.

Since its launch this year, the Tohoku University College of Creative Endeavor has been offering practical orientation within the general education program to help develop the kind of expertise that is in great demand today: a global mindset, AI data skills and entrepreneurship.

In other words, to develop the renaissance men and women of the 21st century, Tohoku University is developing new academic fields and promoting cross-disciplinary, flexible learning to help students acquire more relevant skills.

### Research: Creating Innovations and New Academic Fields

The interdisciplinary exchange beyond the borders of singular academic fields will allow for scientific achievements along new frontiers. To that end, we strongly encourage the free flow of ideas in fundamental research, and the diverse academic activities of our faculty members.

In the aftermath of the Great East Japan Earthquake in 2011, we pioneered research in next generation medicine and disaster science, giving local and global communities the necessary tools and knowledge to fight illnesses and be better prepared for natural disasters.

As an example of how we leverage our strengths to break new ground, the Tohoku Medical Megabank Organization is undertaking the world's first large-scale three-generation cohort survey for future medical treatment such as personalized healthcare and prevention. And in April 2019, we established the Advanced Research Center for Innovations in Next-Generation Medicine (INGEM) with the participation of eight departments from the life sciences.

Next-generation medicine and disaster science, along with spintronics and materials science, are the four areas in our Core Research Cluster.

### Community Co-Creation: New Societal Values through Partnerships with Diverse Sectors

Because Tohoku University was founded with the support of private funding as well as backing from the regional government, we feel a strong connection with the community, and a motivation to help and give something back.

In addition to supporting the reconstruction efforts of the region following the 2011 Great East Japan Earthquake, we have announced 21 new policies that will help us become an even more engaged university.

Examples of policies include the development of strategic industry co-creation and the formation of a vibrant Tohoku University community with our alumni network at its center.

Industry co-creation is led by the Head Office for Open Innovation Strategy, which began operating in December 2018. Its role is to develop B-U-B (Business-University-Business) collaborations. This model, in which many companies specializing in different areas work together, with a university at the center, has been successfully implemented in the field of spintronics, and we are now expanding the model to include the life sciences and materials science.

### Reform: A Transformation of the University

In order to realize a virtuous cycle of education, research and community collaboration at the highest level, we will increase the transparency of university governance by establishing a cooperative environment for university staff and various stakeholders across the globe.

As a university, we can create new values and lead social transformation and innovation. We can respond to global problems and have a real impact on our future by applying the solutions we find in the knowledge of many disciplines.

### In other words: Collaborate. Innovate. Activate.

This is the challenge for Tohoku University as a whole and for every individual here going forward. We will all do our best to meet the expectations of society, and we ask for your continued support and cooperation.

Hideo Ohno  
President, Tohoku University  
July 2019

## Tohoku University Official Symbols and Songs



### ◆Tohoku University Official Symbol, Logo and School Colors

Tohoku University's distinct logo was created in 2007, the 100<sup>th</sup> anniversary of the university's founding. The key concepts behind the design are three-fold : creativity, globalization and tradition.

The logo shows Sendai's native bush clover, known as Hagi in Japanese, which grows naturally in the wild. The bush clover represents Tohoku University's international aspirations and globalization.

Purple and black were selected as Tohoku University's official colors. Purple symbolizes intelligence and creativity, while black represents the spirit of diligence.

### ◆Tohoku University Songs

The official song of Tohoku University was originally sung by the Tohoku University Students' Association in 1953 and has been passed down through the generations since.

In 2013, singer and songwriter Kazumasa Oda composed an additional song for Tohoku University staff and students in a show of support in the aftermath of the 2011 Great East Japan Earthquake.

# Presidents of Tohoku University

## Presidents of Tohoku University

Number	President	Took office	Left office
1st	Masataro Sawayanagi	March 24, 1911	May 8, 1913
2nd	Tokiyuki Hojo	May 9, 1913	August 24, 1917
(Acting President)	Masataka Ogawa	August 25, 1917	October 14, 1917
3rd	Ryojiro Fukuhara	October 15, 1917	June 20, 1919
4th	Masataka Ogawa	June 21, 1919	June 14, 1928
5th	Jinkichi Inoue	June 15, 1928	June 14, 1931
6th	Kotaro Honda	June 15, 1931	May 30, 1940
7th	Taizo Kumagai	May 31, 1940	February 11, 1946
8th	Yasutaro Satake	February 12, 1946	March 31, 1949
9th	Satomi Takahashi	April 1, 1949	June 30, 1957
10th	Toshio Kurokawa	July 1, 1957	June 30, 1963
11th	Teruji Ishizu	July 1, 1963	October 4, 1965
(Acting President)	Isao Motomura	October 5, 1965	November 19, 1965
12th	Koichi Motokawa	November 20, 1965	February 2, 1971
(Acting President)	Yahiko Mizuno	February 3, 1971	April 30, 1971
13th	Mutsuo Kato	May 1, 1971	April 30, 1977
14th	Shiro Maeda	May 1, 1977	April 30, 1983
15th	Nakao Ishida	May 1, 1983	April 30, 1989
16th	Shigemori Ohtani	May 1, 1989	September 30, 1990
(Acting President)	Kaoru Yoshinaga	October 1, 1990	November 5, 1990
17th	Jun-ichi Nishizawa	November 6, 1990	November 5, 1996
18th	Hiroyuki Abé	November 6, 1996	November 5, 2002
19th	Takashi Yoshimoto	November 6, 2002	November 5, 2006
20th	Akihisa Inoue	November 6, 2006	March 31, 2012
21st	Susumu Satomi	April 1, 2012	March 31, 2018
22nd	Hideo Ohno	April 1, 2018	



1st  
Masataro Sawayanagi



2nd  
Tokiyuki Hojo



3rd  
Ryojiro Fukuhara



4th  
Masataka Ogawa



5th  
Jinkichi Inoue



6th  
Kotaro Honda



7th  
Taizo Kumagai



8th  
Yasutaro Satake



9th  
Satomi Takahashi



10th  
Toshio Kurokawa



11th  
Teruji Ishizu



12th  
Koichi Motokawa



13th  
Mutsuo Kato



14th  
Shiro Maeda



15th  
Nakao Ishida



16th  
Shigemori Ohtani



17th  
Jun-ichi Nishizawa



18th  
Hiroyuki Abé



19th  
Takashi Yoshimoto



20th  
Akihisa Inoue



21st  
Susumu Satomi

## Japan Academy Members

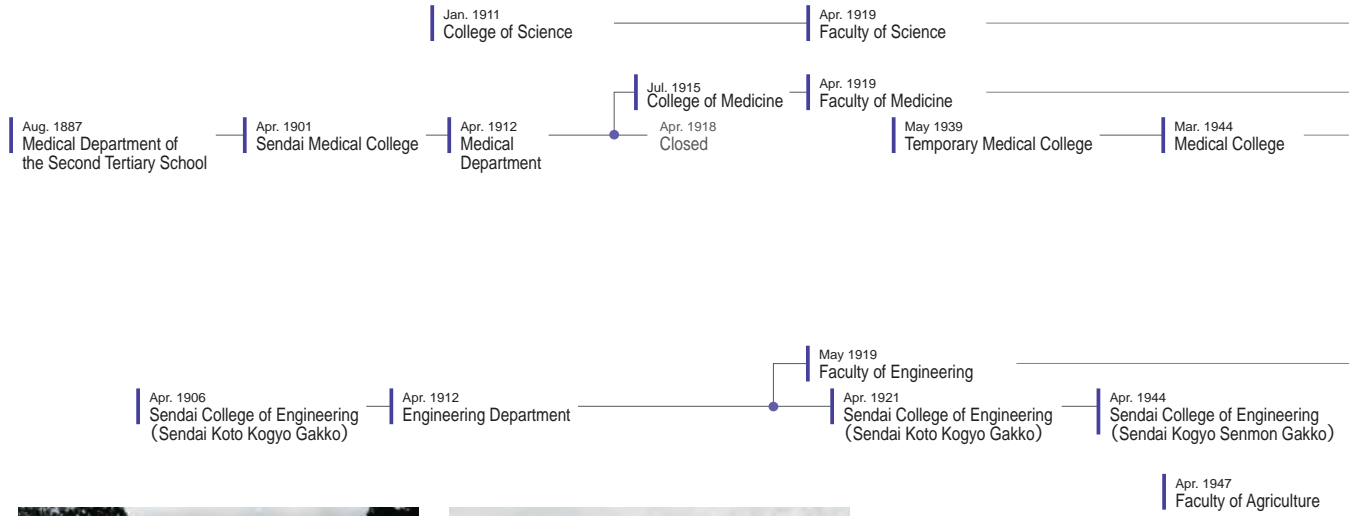
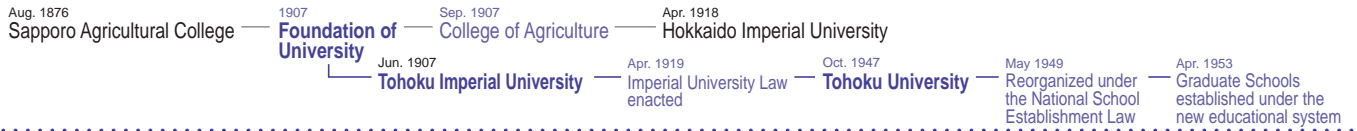
(as of July 2019)

## Japan Academy Members

Inducted	Name	Affiliation
1922	Kotaro Honda	Research Institute for Iron, Steel and Other Metals
1925	Matsusaburo Fujiwara	Faculty of Science
1925	Hisakatsu Yabe	Faculty of Science
1926	Riko Majima	Faculty of Science
1932	Shukusuke Kozu	Faculty of Science
1934	Soichi Kakeya	Faculty of Science
1937	Takeo Kato	Faculty of Science
1937	Noburu Orui	Faculty of Law and Letters
1937	Masao Katayama	Faculty of Science
1939	Keita Shibata	College of Agriculture
1942	Yoshio Takeuchi	Faculty of Law and Letters
1943	Taizo Kumagai	Faculty of Medicine
1944	Yusuke Hagihara	Faculty of Science
1945	Hakuju Ui	Faculty of Law and Letters
1946	Gennosuke Fuse	Faculty of Medicine
1947	Hajime Tanabe	Faculty of Science
1947	Jiro Abe	Faculty of Law and Letters
1947	Tadahiko Kubota	Faculty of Science
1947	Matasuke Kawamura	Faculty of Law and Letters
1947	Ikusaku Amemiya	Institute for Agricultural Research
1949	Kochi Doi	Faculty of Law and Letters
1950	Seiya Ito	College of Agriculture
1950	Sozo Komachiya	Faculty of Law
1950	Yasutaro Satake	School of Medicine
1950	Satomi Takahashi	Faculty of Law and Letters
1950	Masaichi Majima	College of Science
1950	Shonen Matsumura	College of Agriculture
1950	Takejiro Murakami	Research Institute for Iron, Steel and Other Metals
1951	Toyotaka Komiya	Faculty of Law and Letters
1951	Hidetsugu Yagi	Faculty of Engineering
1953	Masaharu Aoki	Faculty of Law and Letters
1953	Ken Ishihara	Faculty of Law and Letters
1953	Kotondo Hasebe	Faculty of Medicine
1957	Yoshimaro Tanaka	College of Agriculture
1957	Ryuzaburo Hara	Research Institute for Non-Aqueous Solutions
1958	Jitsusaburo Sameshima	Faculty of Science
1960	Toyojiro Kato	Faculty of Medicine
1960	Masaakira Katsumoto	Faculty of Law
1960	Hakaru Masumoto	Research Institute for Iron, Steel and Other Metals
1961	Seiji Kaya	Research Institute for Iron, Steel and Other Metals
1963	Yensho Kanakura	Faculty of Arts and Letters
1964	Shiro Akabori	Faculty of Science
1964	Tetsu Sakamura	College of Agriculture
1964	Ryoichi Taoka	Faculty of Law and Letters
1964	Zenosuke Nakagawa	Faculty of Law

Inducted	Name	Affiliation
1965	Yoshie Okazaki	Faculty of Arts and Letters
1965	Toshio Kurokawa	Faculty of Medicine
1965	Tomizo Yoshida	Faculty of Medicine
1965	Fukusaburo Numachi	Institute of High Speed Mechanics
1966	Teizo Ogawa	Faculty of Medicine
1966	Tsuneo Hori	Faculty of Law and Letters
1967	Kameji Kimura	Faculty of Law
1967	Shiro Kiyomiya	Faculty of Law
1968	Goichi Miyake	Faculty of Arts and Letters
1968	Koichi Motokawa	Faculty of Medicine
1970	Jun Hanzawa	College of Agriculture
1974	Munio Kotake	Faculty of Science
1974	Giichi Yamamoto	Faculty of Science
1976	Heisuke Hironaka	Faculty of Science
1976	Masamichi Shinmei	Faculty of Arts and Letters
1976	Toshio Sugi	Faculty of Law and Letters
1976	Shinzo Takayanagi	Faculty of Law
1977	Kozo Okamoto	Faculty of Medicine
1977	Kenzo Nagai	Faculty of Engineering
1977	Tetsuo Nozoe	Faculty of Science
1977	Yoshimoto Yanase	Faculty of Law
1979	Yunoshin Imai	Research Institute for Iron, Steel and Other Metals
1979	Yotsuo Toriyama	Faculty of Engineering
1981	Shinji Takahashi	Faculty of Medicine
1983	Yokichi Yajima	Faculty of Arts and Letters
1985	Yoshio Kato	Faculty of Science
1986	Hisao Kumagai	Faculty of Economics
1989	Tamaki Ogawa	Faculty of Law and Letters
1992	Hiroshi Tsuji	Faculty of Engineering
1994	Hidesato Ito	Institute of High Speed Mechanics
1994	Shigeru Oda	Faculty of Law
1995	Jun-ichi Nishizawa	Research Institute of Electrical Communication
1996	Takeo Yokobori	Faculty of Engineering
1997	Koichi Hiwatashi	Faculty of Science
1998	Rokuya Suzuki	Faculty of Law
2000	Yoichi Higuchi	Faculty of Law
2001	Ryoen Minamoto	Faculty of Arts and Letters
2002	Osamu Kaneya	Faculty of Arts and Letters
2003	Shunichi Iwasaki	Research Institute of Electrical Communication
2006	Koichi Tanaka	Faculty of Engineering, Honorary Doctor
2006	Akihisa Inoue	Institute for Materials Research
2010	Sadao Koyama	School of Law
2010	Sumio Iijima	Research Institute for Scientific Measurements
2013	Tokiyasu Fujita	Graduate School of Law
2017	Takeshi Yasumoto	Faculty of Agriculture

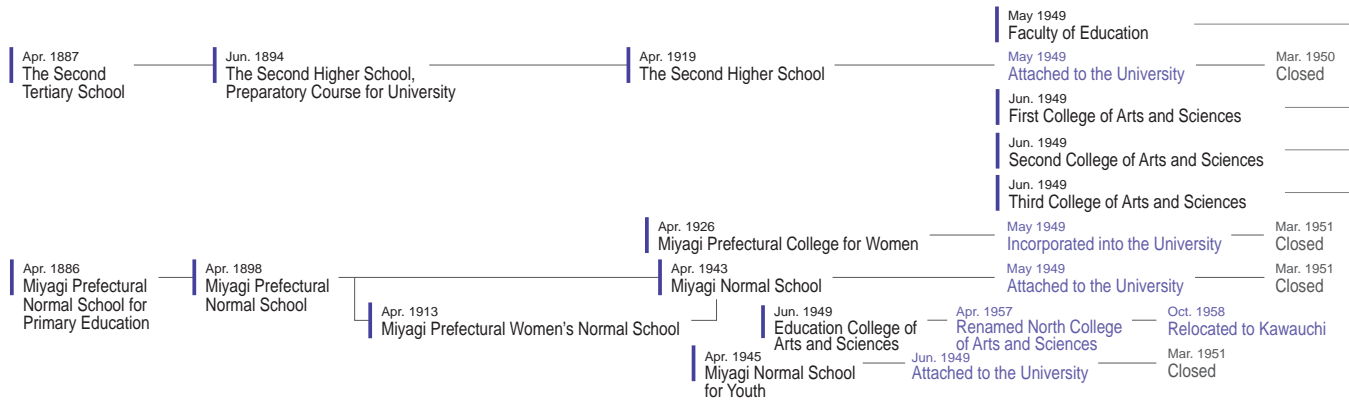
# Chronological Chart of Tohoku University's History



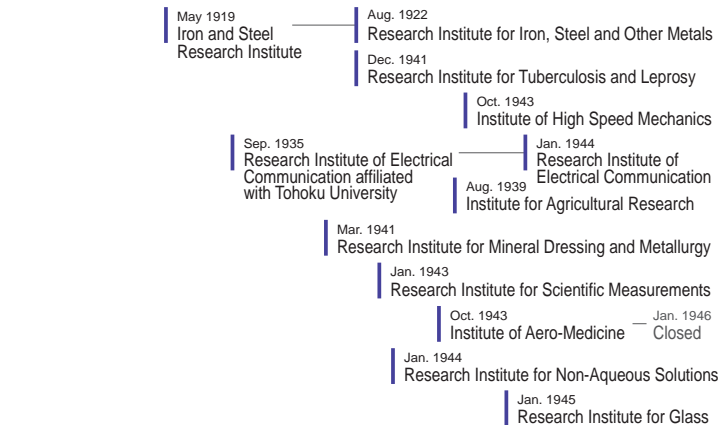
Main Gate in the early Showa Period



University Archives (Old Library in the early Showa Period)

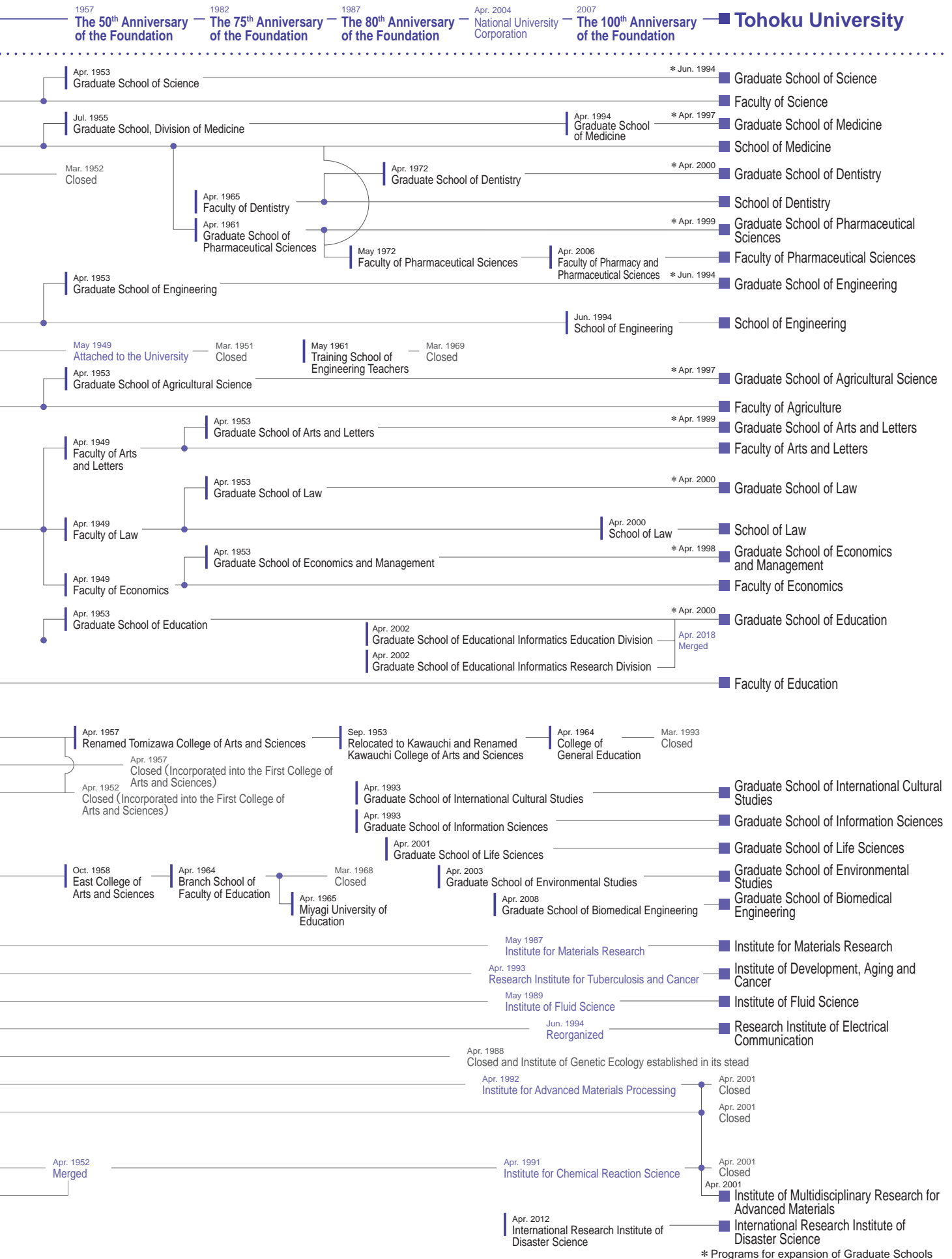


Katahira Campus Main Gate





(as of May 2019)



## Nobel Laureates

Year Awarded	Name	Affiliation
1987	Hans Heinrich Rohrer	Visiting Professor, Institute for Materials Research; Honorary Doctor
1999	Ahmed H. Zewail	University Professor; Honorary Doctor
2002	Koichi Tanaka	School of Engineering; Honorary Doctor
2007	Peter Grünberg	University Professor; Visiting Professor, Institute for Materials Research; Honorary Doctor
2011	Daniel Shechtman	University Professor

## Recipients of Japan's Order of Culture / Persons of Cultural Merit Award

Japan's Order of Culture honors significant contributions to the advancement or improvement of science, technology, the arts, or culture. The conferment ceremony is held yearly on November 3 (Culture Day) at the Imperial Palace's Matsu-no-Ma State Room and is awarded by His Majesty the Emperor of Japan. The Person of Cultural Merit Award is the second highest cultural honor in Japan (the highest being the Order of Culture) and is awarded to individuals who have made particularly notable achievements related to the development or refinement of culture.

Order of Culture (Year Awarded)	Persons of Cultural Merit Award	Name	Affiliation
1937	1951	Kotaro Honda	Research Institute for Iron, Steel and Other Metals
1944	1951	Kinjiro Okabe	Faculty of Engineering
1946	-	Kingo Miyabe	College of Agriculture
1949	1951	Riko Majima	Faculty of Science
1949	1951	Takematsu Okada	Faculty of Science
1950	1951	Hajime Tanabe	Faculty of Science
1950	1951	Bansui Tsuchii	Faculty of Law and Letters
1952	1952	Taizo Kumagai	Faculty of Medicine
1953	1952	Hisakatsu Yabe	Faculty of Science
1953	1952	Hakuju Ui	Faculty of Law and Letters
1954	1954	Yusuke Hagihara	Faculty of Science
1955	1955	Hakaru Masumoto	Research Institute for Iron, Steel and Other Metals
1956	1956	Takejiro Murakami	Research Institute for Iron, Steel and Other Metals
1956	1956	Hidetsugu Yagi	Faculty of Engineering
1957	1953	Yoshio Yamada	Faculty of Law and Letters
1958	1958	Tetsuo Nozoe	Faculty of Science
1959	1959	Tomizo Yoshida	Faculty of Medicine
1964	1964	Seiji Kaya	Research Institute for Iron, Steel and Other Metals
1965	1965	Shiro Akabori	Faculty of Science
1968	1968	Toshio Kurokawa	Faculty of Medicine
1971	1971	Takuma Yasui	Faculty of Economics
1973	1962	Ken Ishihara	Faculty of Law and Letters
1975	1975	Heisuke Hironaka	Faculty of Science
1984	1979	Shinji Takahashi	Faculty of Medicine
1987	1979	Takeo Kuwabara	Faculty of Law and Letters
1989	1983	Jun-ichi Nishizawa	Research Institute of Electrical Communication
2002	2002	Koichi Tanaka	School of Engineering; Honorary Doctor
2007	1999	Koji Nakanishi	Faculty of Science
2008	2002	Donald Keene	Visiting Professor, Faculty of Arts and Letters; Honorary Doctor
2009	1986	Yorio Hinuma	School of Dentistry
2009	2003	Sumio Iijima	Research Institute for Scientific Measurements
2012	2007	Shigeru Oda	Faculty of Law
2013	1987	Shunichi Iwasaki	Research Institute of Electrical Communication
-	1954	Shonen Matsumura	College of Agriculture
-	1958	Satomi Takahashi	Faculty of Law and Letters
-	1959	Seiya Ito	College of Agriculture
-	1960	Yoshio Takeuchi	Faculty of Law and Letters
-	1963	Ryuzaburo Hara	Research Institute for Non-Aqueous Solution
-	1965	Masaichi Majima	College of Science
-	1970	Yasushi Watanabe	Faculty of Engineering
-	1976	Tetsu Sakamura	College of Agriculture
-	1976	Fukusaburo Numachi	Institute of High Speed Mechanics
-	1978	Takeshi Takei	Faculty of Science
-	1985	Yensho Kanakura	Faculty of Arts and Letters
-	1992	Yunoshin Imai	Institute for Materials Research
-	1992	Kinji Shimada	Faculty of Law and Letters
-	2000	Takeo Yokobori	Faculty of Engineering
-	2000	Tsuyoshi Masumoto	Institute for Materials Research
-	2003	Yasuo Iwata	Faculty of Arts and Letters
-	2006	Hidesato Ito	Institute of High Speed Mechanics
-	2007	Hideki Sakurai	Faculty of Science
-	2011	Akira Endo	Faculty of Agriculture
-	2013	Fujio Masuoka	Research Institute of Electrical Communication

(as of July 2019)

## Japan Academy Prize

Year Awarded	Name	Affiliation	Year Awarded	Name	Affiliation
1914 (4th)	Shirota Kusakabe	College of Science	○ 1941 (31st)	Kinjiro Okabe	Faculty of Engineering
1916 (6th)	Kotaro Honda	College of Science	1941 (31st)	Terutarō Ogata	Faculty of Science
1917 (7th)	Riko Majima	College of Science	1942 (32nd)	Seiji Kaya	Research Institute for Iron, Steel and Other Metals
○ 1918 (8th)	Keita Shibata	College of Agriculture	1943 (33rd)	Gyokujo Kihara	Faculty of Medicine
○ 1919 (9th)	Jun Ishihara	Faculty of Science	1944 (34th)	Munio Kotake	Faculty of Science
1919 (9th)	Koichi Ichikawa	College of Agriculture	1944 (34th)	Hiroshi Terao	Institute for Agricultural Research
○ 1921 (11th)	Gennosuke Fuse	Faculty of Medicine	○ 1946 (36th)	Hakaru Masumoto	Research Institute for Iron, Steel and Other Metals
1921 (11th)	Hikoshichiro Matsumoto	Faculty of Science	1947 (37th)	Masaichi Majima	College of Science
1925 (15th)	Shinkishi Hatai	Faculty of Science	1950 (40th)	Fukusaburo Numachi	Faculty of Engineering
△ 1925 (15th)	Takeshi Sone	Research Institute for Iron, Steel and Other Metals	1951 (41st)	Teizo Ogawa	Faculty of Medicine
△ 1927 (17th)	Takejiro Murakami	Research Institute for Iron, Steel and Other Metals	1952 (42nd)	Jitsusaburo Sameshima	Faculty of Science
○ 1928 (18th)	Soichi Kakeya	Faculty of Science	1953 (43rd)	Yensho Kanakura	Faculty of Arts and Letters
1931 (21st)	Hakuju Ui	Faculty of Law and Letters	1953 (43rd)	Tetsuo Nozoe	Faculty of Science
1931 (21st)	Hakaru Masumoto	Research Institute for Iron, Steel and Other Metals	1953 (43rd)	Masao Naruse	Faculty of Engineering
△ 1932 (22nd)	Shintaro Uda	Faculty of Engineering	○ 1953 (43rd)	Tomizo Yoshida	Faculty of Medicine
△ 1933 (23rd)	Hiroshi Nomura	Faculty of Science	1954 (44th)	Koichi Motokawa	Faculty of Medicine
1934 (24th)	Yoshiaki Tadokoro	Faculty of Science	1955 (45th)	Yensho Kanakura	Faculty of Arts and Letters
1935 (25th)	Saburo Unno	Faculty of Science	1955 (45th)	Ryujo Yamada	Faculty of Arts and Letters
○ 1936 (26th)	Tomizo Yoshida	Faculty of Medicine	1955 (45th)	Hakuyu Hadano	Faculty of Arts and Letters
△ 1936 (26th)	Toshio Hoshino	Faculty of Science	1955 (45th)	Tokan Tada	Faculty of Arts and Letters
1940 (30th)	Tario Kikuta	Provisional Institute of Physical and Chemical Research	1955 (45th)	Shiro Akabori	Faculty of Science

\* Continued on page 11

## Prize Winners

### Japan Academy Prize

Year Awarded	Name	Affiliation	Year Awarded	Name	Affiliation
1956 (46th)	Ichiro Hori	Faculty of Arts and Letters	1975 (65th)	Toshio Kitazumi	Faculty of Arts and Letters
1957 (47th)	Yutaka Orimo	Faculty of Law	1975 (65th)	Yoichi Higuchi	Faculty of Law
○ 1957 (47th)	Hajime Nakamura	Faculty of Arts and Letters	1975 (65th)	Hidesato Ito	Institute of High Speed Mechanics
1959 (49th)	Osamu Takata	Faculty of Arts and Letters	1975 (65th)	Takashi Kubota	Faculty of Science
○ 1960 (50th)	Osamu Takata	Faculty of Arts and Letters	※ 1977 (67th)	Shinji Takahashi	Faculty of Medicine
○ 1960 (50th)	Tsugio Miya	Faculty of Arts and Letters	1977 (67th)	Kinji Shimada	Faculty of Law and Letters
1960 (50th)	Eizo Kanda	Faculty of Science	1977 (67th)	Shun-ichi Akasofu	Faculty of Science
1961 (51st)	Tomoo Sato	Faculty of Engineering	1979 (69th)	Taketoshi Sato	Faculty of Law and Letters
1961 (51st)	Eikichi Iso	College of Agriculture	1980 (70th)	Tetsuji Kametani	Faculty of Pharmaceutical Sciences
1963 (53rd)	Harujiro Sekiguchi	Research Institute for Iron, Steel and Other Metals	1981 (71st)	Akira Kinoshita	Faculty of Economics
1967 (57th)	Yunoshin Imai	Research Institute for Iron, Steel and Other Metals	※ 1982 (72nd)	Shizuo Kakutani	Faculty of Science
1968 (58th)	Yoshio Kato	Faculty of Science	1983 (73rd)	Tsuyoshi Masumoto	Research Institute for Iron, Steel and Other Metals
1968 (58th)	Makoto Kandatsu	Institute for Agricultural Research	1987 (77th)	Nakao Ishida	School of Medicine
1969 (59th)	Mitsuo Miyata	Faculty of Law	1987 (77th)	Shunichi Iwasaki	Research Institute of Electrical Communication
1969 (59th)	Usaburo Mizushima	Faculty of Agriculture	1987 (77th)	Yoshikatsu Tsuboi	Faculty of Engineering
1970 (60th)	Giichi Yamamoto	Faculty of Science	◎ 1988 (78th)	Makoto Numata	Institute of Agricultural Research
1970 (60th)	Heisuke Hironaka	Faculty of Science	※ 1989 (79th)	Yorio Hinuma	School of Dentistry
1971 (61st)	Takeo Yokobori	Faculty of Engineering	※ 1990 (80th)	Koji Nakanishi	Faculty of Science
1972 (62nd)	Kozo Okamoto	Faculty of Medicine	1990 (80th)	Hiroshi Tsuji	Faculty of Engineering
1973 (63rd)	Zenji Nishiyama	Research Institute for Iron, Steel and Other Metals	1992 (82nd)	Hideji Suzuki	Institute for Materials Research
1974 (64th)	Jun-ichi Nishizawa	Research Institute of Electrical Communication	1993 (83rd)	Hajime Yamamoto	School of Dentistry

Year Awarded	Name	Affiliation
1993 (83rd)	Keiyo Tada	School of Medicine
1993 (83rd)	Goro Kikuchi	School of Medicine
※ 1994 (84th)	Hideki Sakurai	Faculty of Science
1994 (84th)	Yasunari Maruyama	Faculty of Arts and Letters
1998 (88th)	Takane Sugihara	Faculty of Law
※ 2002 (92nd)	Sumio Iijima	Research Institute for Scientific Measurements
◎ 2002 (92nd)	Yasushi Kurihara	Faculty of Science
2002 (92nd)	Akihisa Inoue	Institute for Materials Research
2002 (92nd)	Kokichi Hinata	Faculty of Agriculture
2003 (93rd)	Hiroshi Okamoto	Graduate School of Medicine
2003 (93rd)	Makoto Endo	School of Medicine
※ 2004 (94th)	Takeshi Yasumoto	Faculty of Agriculture
2005 (95th)	Hideo Ohno	Research Institute of Electrical Communication
2006 (96th)	Atsuto Suzuki	Graduate School of Science
2007 (97th)	Koji Kato	Graduate School of Engineering

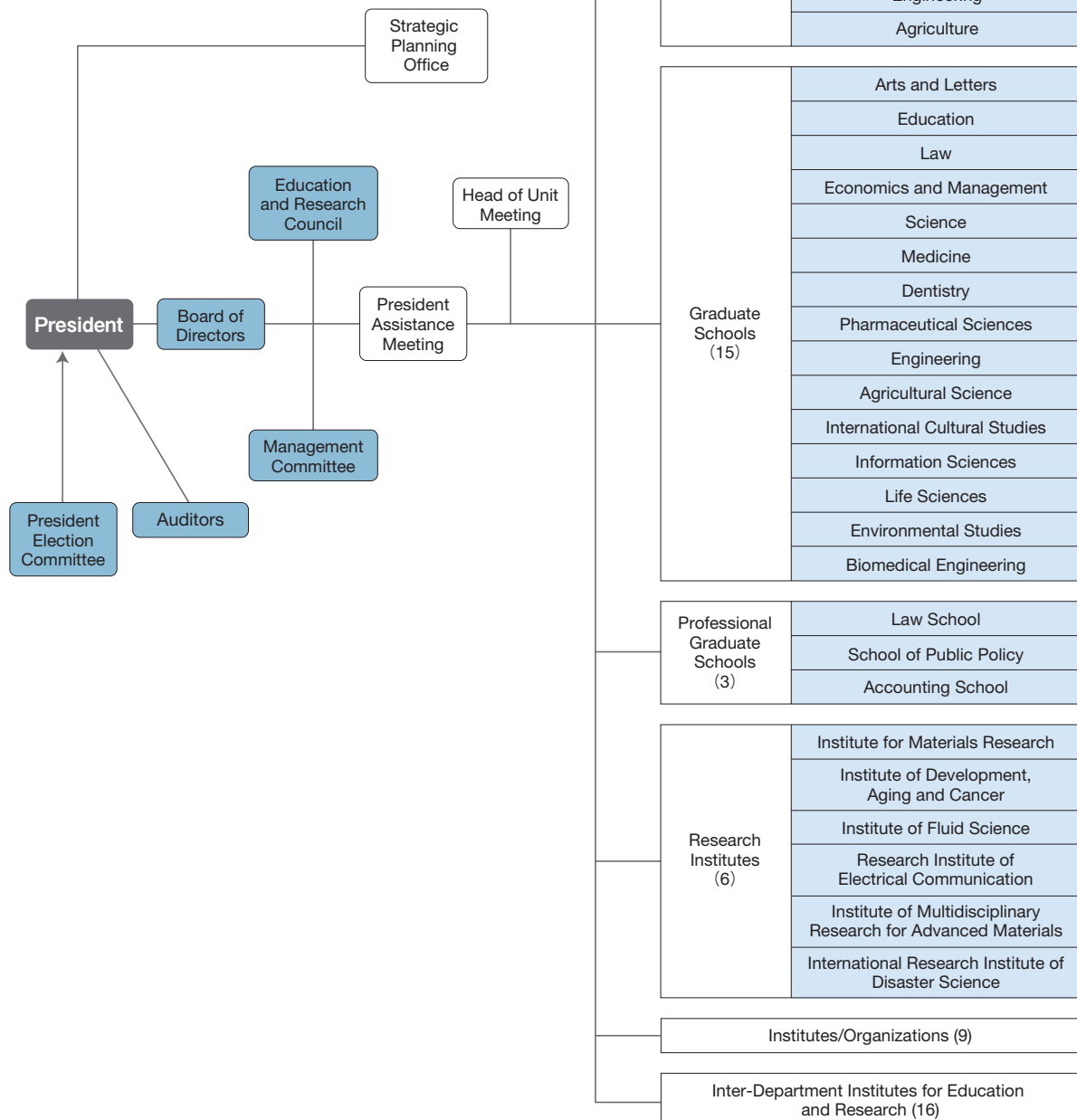
Year Awarded	Name	Affiliation
2007 (97th)	Asahiko Taira	Faculty of Science
※ 2009 (99th)	Tetsumi Murakami	Faculty of Arts and Letters
2009 (99th)	Sadafumi Kawato	Graduate School of Law
2010 (100th)	Hiroshi Ohrai	Graduate School of Life Sciences
◎ 2010 (100th)	Moritaka Nishihira	Graduate School of Life Sciences
2013 (103rd)	Masataka Nakazawa	Research Institute of Electrical Communication
2013 (103rd)	Eimei Sato	Graduate School of Agricultural Science
2014 (104th)	Masayuki Yamamoto	Graduate School of Medicine
2014 (104th)	Nobuo Shuto	School of Engineering
2015 (105th)	Masakuni Suzuki	School of Medicine
※ 2017 (107th)	Akira Hasegawa	Graduate School of Science
2017 (107th)	Toshimitsu Yokobori	Graduate School of Engineering
2019 (109th)	Masahiro Hirama	Graduate School of Science

- The Imperial Prize (Japan Academy Prize) Recipients  
 ※ Imperial Prize and Japan Academy Prize Recipients  
 ◎ Duke of Edinburgh Prize (Japan Academy Prize) Recipients  
 △ Osaka Mainichi Prize (Japan Academy Prize) Recipients

### University Governance and Academic Units

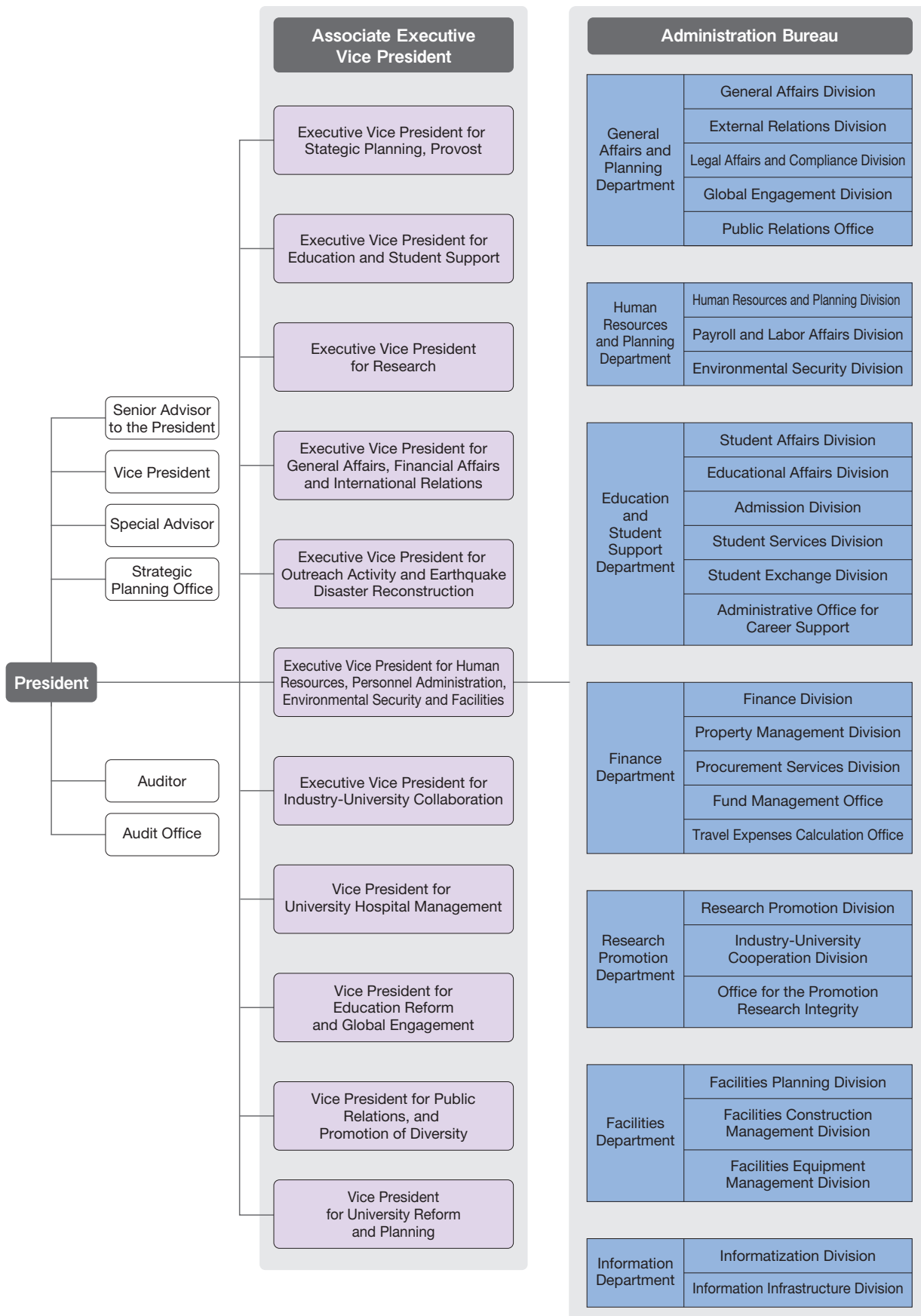


Aobayama Campus



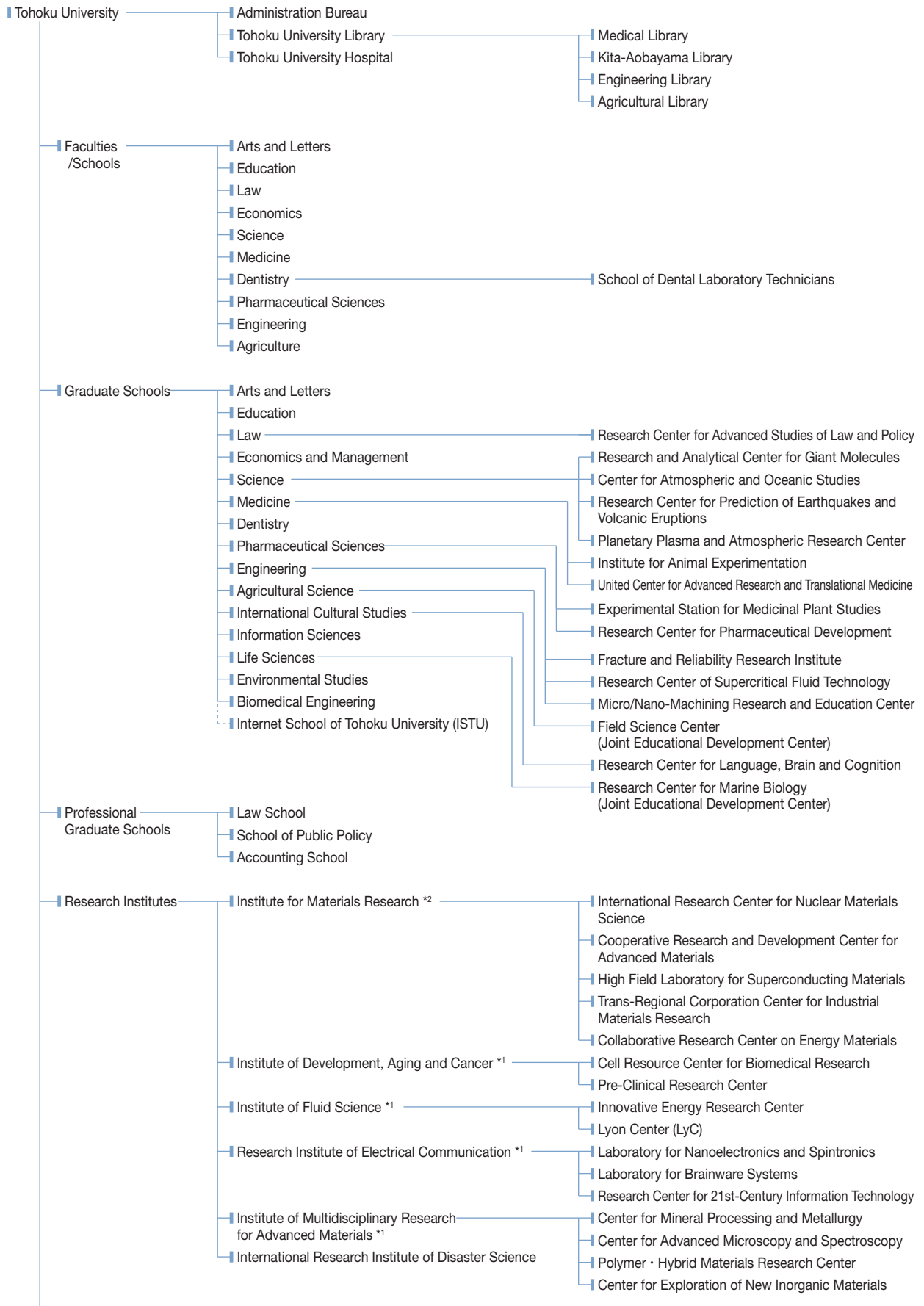
(as of July 1, 2019)

Administration



# Organization Chart

## National University Corporation Tohoku University





(as of July 1, 2019)



\*1 Joint Usage/Research Center  
 \*2 International Joint Usage/Research Center  
 \*3 Center for Key Interdisciplinary Research  
 \*4 An Inter-Department Institute under the umbrella of the Information Synergy Organization  
 ☆ Core Research Cluster (CRC)

## Administrative Staff

President	Hideo Ohno	Associate Executive Vice President (for Earthquake Disaster Reconstruction)	Fumihiko Imamura
Executive Vice President (for Strategic Planning, Provost)	Takafumi Aoki	Associate Executive Vice President (for Interdisciplinary Research)	Toshio Miyata
Executive Vice President (for Education and Student Support)	Hirotsugu Takizawa	Associate Executive Vice President (for Industry-University Collaboration)	Satoshi Sugimoto
Executive Vice President (for Research)	Tadahiro Hayasaka	Associate Executive Vice President (for Strategic Planning)	Hitoshi Izu
Executive Vice President (for General Affairs, Financial Affairs and International Relations)	Toshiya Ueki	Special Advisor (for Information Systems)	Akinori Ito
Executive Vice President (for Outreach Activity and Earthquake Disaster Reconstruction)	Nobuyoshi Hara	Special Advisor (for Higher Education Planning)	Hiroki Shizuya
Executive Vice President (for Human Resources, Personnel Administration, Environmental Security and Facilities)	Yasuyuki Shimotsuma	Special Advisor (for Student Support)	Shunji Sugawara
Executive Vice President (for Industry-University Collaboration)	Yoshinori Yajima	Special Advisor (for Research)	Keiko Nakayama
Auditor	Kunihide Kobayashi	Special Advisor (for Research)	Masaki Takata
Auditor	Yoko Ushio	Special Advisor (for Research)	Hiroki Takakura
Vice President (for University Hospital Management)	Teiji Tominaga	Special Advisor (for Research Integrity)	Takahiko Sasaki
Vice President (for Education Reform and Global Engagement)	Masahiro Yamaguchi	Special Advisor (for Disaster Management)	Takeshi Sato
Vice President (for Public Relations and Promotion of Diversity)	Noriko Osumi	Special Advisor (for International Affairs)	Kazuko Suematsu
Vice President (for University Reform and Planning)	Makoto Ueki	Special Advisor (for Operational Reforms)	Masahiko Fujimoto
Vice President	Koichi Morimoto	Special Advisor (for Outreach Activity)	Hiroshi Kanai
Vice President	Nobuo Yaegashi	Special Advisor (for Outreach Activity)	Kyosuke Yoshimi
Vice President	Tetsuya Nagasaka	Special Advisor (for Outreach Activity)	Makoto Yoshizawa
Vice President	Koki Takanashi	Special Advisor (for Outreach Activity)	Kazuyo Matsubae
Associate Executive Vice President (for Graduate School Reform)	Hiroo Yugami	Special Advisor (for Earthquake Disaster Reconstruction)	Hideo Harigae
Associate Executive Vice President (for Entrance Examinations)	Hiroyuki Nagahama	Special Advisor (for Earthquake Disaster Reconstruction)	Yutaka Watanabe
Associate Executive Vice President (for Student Support)	Naoki Odanaka	Special Advisor (for Alumni "Shuyukai")	Fumihiko Hasegawa
Associate Executive Vice President (for Research)	Motoko Kotani	Special Advisor (for Intellectual Property)	Masami Ashidate
Associate Executive Vice President (for Research Strategy Management)	Yasuhisa Nemoto	Special Advisor (for International Strategy)	Akiyoshi Yonezawa
Associate Executive Vice President (for Planning of Next Generation Synchrotron Radiation)	Atsushi Muramatsu	Special Advisor (for Digital Innovation)	Hiroaki Kobayashi
Associate Executive Vice President (for COI Management)	Kazuhiko Yanai	Special Advisor (for Information and Evaluation)	Hideaki Sone
		Special Advisor (for Promotion of Diversity)	Mami Tanaka
		Special Advisor (for Promotion of Diversity)	Mitsuru Haga
		Special Advisor (for University Reform)	Atsushi Higashitani
		Special Advisor (for University Reform)	Hitoshi Takamura
		Special Advisor (for University Reform)	Kenichiro Tsutsui
		Special Advisor (for University Reform)	Shunichi Koshimura
		Special Advisor (for University Reform)	Toru Nakazawa

### Administration Bureau

General Manager	Hitoshi Saito	[Research Promotion Department]	
[Strategic Planning Office]		Director	Yasuharu Ito
Director	Takafumi Aoki	[Facilities Department]	
[General Affairs and Planning Department]		Director	Katsuji Takahashi
Director	Hitoshi Saito	[Information Department]	
[Human Resources and Planning Department]		Director	Toshiharu Ohkawa
Director	Masao Hatori	[Office of Administration Bureau]	
[Education and Student Support Department]		Director	Hiroshi Kato
Director	Tsutomu Fujio	[Audit Office]	
[Finance Department]		General Manager	Takashi Sugawara
Director	Hitoshi Izu		

### Graduate Schools/Faculties/Schools

[Graduate School/Faculty of Arts and Letters]		[Graduate School/School of Engineering]	
Dean	Koichi Morimoto	Dean	Tetsuya Nagasaka
[Graduate School/Faculty of Education]		[Graduate School of Agricultural Science/Faculty of Agriculture]	
Dean	Tomohiro Yakuwa	Dean	Keietsu Abe
[Graduate School/School of Law]		[Graduate School of International Cultural Studies]	
Dean	Yukinori Naruse	Dean	Daiko Takahashi
[Graduate School of Economics and Management/Faculty of Economics]		[Graduate School of Information Sciences]	
Dean	Nobuhiko Terui	Dean	Mitsuyuki Nakao
[Graduate School/Faculty of Science]		[Graduate School of Life Sciences]	
Dean	Masahiro Terada	Dean	Asako Sugimoto
[Graduate School/School of Medicine]		[Graduate School of Environmental Studies]	
Dean	Nobuo Yaegashi	Dean	Noriyoshi Tsuchiya
[Graduate School/School of Dentistry]		[Graduate School of Biomedical Engineering]	
Dean	Keiichi Sasaki	Dean	Tsunemoto Kuriyagawa
[Graduate School/Faculty of Pharmaceutical Sciences]			
Dean	Yoshinori Kondo		

### Research Institutes

[Institute for Materials Research]		[Research Institute of Electrical Communication]	
Director	Koki Takanashi	Director	Satoshi Shioiri
[Institute of Development, Aging and Cancer]		[Institute of Multidisciplinary Research for Advanced Materials]	
Director	Ryuta Kawashima	Director	Atsushi Muramatsu
[Institute of Fluid Science]		[International Research Institute of Disaster Science]	
Director	Shigeru Obayashi	Director	Fumihiko Imamura

(as of July 1, 2019)

<b>■ Tohoku University Library</b>	
Director	Noriko Osumi
<b>■ Tohoku University Hospital</b>	
Director	Teiji Tominaga
<b>■ Institutes/Organizations</b>	
<b>Information Synergy Organization</b>	
Director	Takafumi Aoki
[Center for Information Technology in Education]	
Director	Yoshinori Hayakawa
[Cyberscience Center]	
Director	Takuo Suganuma
<b>Institute for Excellence in Higher Education</b>	
Director	Hirotsugu Takizawa
<b>Organization for Advanced Studies</b>	
Director	Motoko Kotani
[Advanced Institute for Materials Research (AIMR)]	
Director	Motoko Kotani
[Advanced Research Center for Innovations in Next-Generation Medicine (INGEM)]	
Director	Masayuki Yamamoto
[Frontier Research Institute for Interdisciplinary Sciences]	
Director	Toshiyuki Hayase
[International Joint Laboratory Center]	
Director	Motoko Kotani
[Division for the Establishment of Frontier Sciences]	
Director	Motoko Kotani
<b>Organization for International Initiatives</b>	
Director	Toshiya Ueki
[Office of Japan-Russia Relations]	
Director	Toshiya Ueki
[Office for International Initiatives]	
Director	Masahiro Yamaguchi
<b>Institute for Promoting Graduate Degree Programs</b>	
Director	Masahiro Yamaguchi
[Division for International Joint Graduate School Programs]	
Director	Masahiro Yamaguchi
[Division for Leading Graduate School Programs]	
Director	Hiroki Shizuya
[Division for Academia-Industry Collaborating Graduate Programs]	
Director	Hiroo Yugami
[Division for Interdisciplinary Advanced Research and Education]	
Director	Tomoyuki Yamaya
<b>Head Office of Enterprise Partnerships</b>	
Director	Yoshinori Yajima
[New Industry Creation Hatchery Center (NICHe)]	
Director	Fumihiko Hasegawa
[Micro System Integration Center ( $\mu$ SIC)]	
Director	Takahito Ono
<b>■ Inter-Department Institutes for Education and Research</b>	
[Cyclotron and Radioisotope Center]	
Director	Hiroshi Watabe
[Archaeological Research Office on Campus]	
Director	Atsushi Fujisawa
[Center for Northeast Asian Studies]	
Director	Hiroki Takakura
[The Center for Academic Resources and Archives]	
Director	Hiroshi Nishi
[The Tohoku University Museum]	
Director	Atsushi Fujisawa
[Tohoku University Archives]	
Director	Hiroaki Adachi
[Botanical Gardens]	
Director	Masayuki Maki
[Research Center for Electron Photon Science]	
Director	Hiroyuki Hama
[Research Center for Neutrino Science]	
Director	Kunio Inoue
[Center for Gender Equality Promotion]	
Director	Noriko Osumi
[Center for Spintronics Research Network]	
Director	Koki Takanashi
[Center for Innovative Integrated Electronic Systems]	
Director	Tetsuo Endoh
[Material Solutions Center]	
Director	Atsushi Muramatsu
[Research Center for Rare Metal and Green Innovation]	
Director	Satoshi Sugimoto
[Center for Innovation and Business]	
Director	Yoshinori Yajima
[Center for Promotion of Innovation Strategy]	
Director	Yoshinori Yajima
<b>Institute for Disaster Reconstruction and Regeneration Research</b>	
Director	Nobuyoshi Hara
[Tohoku Medical Megabank Organization]	
Executive Director	Masayuki Yamamoto
[Research Organization of Electrical Communication]	
Director	Nei Kato
[Center for Fundamental Research on Nuclear Decommissioning]	
Director	Yutaka Watanabe
<b>Organization for the Promotion and Support of Research Activities</b>	
Director	Tadahiro Hayasaka
[Tohoku Forum for Creativity]	
Director	Tadahiro Hayasaka
[University Research Administration (URA) center]	
Director	Junichi Kawamura
[Technical Support Center]	
Director	Tadahiro Hayasaka
[Center for Low Temperature Science]	
Director	Takahiko Sasaki
[The Electron Microscopy Center]	
Director	Toyohiko Konno
<b>Organization for Academic Activity Support</b>	
Director	Yasuyuki Shimotsuma
[Environment Conservation Center]	
Director	Tetsutaro Hattori
[Center for Laboratory Animal Research]	
Director	Ritsuko Shimizu
[Center for Gene Research]	
Director	Hozumi Motohashi
[Center for Environmental Conservation and Research Safety]	
Director	Yasuyuki Shimotsuma
[Division of Engineering and Technical Staff]	
Director	Yasuyuki Shimotsuma
[Research Alliance Center of Mathematical Science]	
Director	Takayoshi Ogawa
[Smart-Aging Research Center]	
Director	Ryuta Kawashima
[Yotta Informatics Research Center]	
Director	Satoshi Shioiri
[Tough Cyberphysical AI Research Center]	
Director	Satoshi Tadokoro
[Center for Science and Innovation in Spintronics]	
Director	Yoshiro Hirayama
[Campus Design Office]	
Director	Takafumi Aoki
[Center for the Advancement of Open Online Education]	
Director	Hirotsugu Takizawa
[International Strategy Office]	
Director	Masahiro Yamaguchi
[External Relations Office]	
Director	Nobuyoshi Hara
[Asset Management Center]	
Director	Toshiya Ueki
[Head Office for Open Innovation Strategy]	
Director	Takafumi Aoki

President Election Committee

External Members	
Heihachiro Amano	Lead Supervisor, Automobile Business Association of Miyagi
Tadashi Onodera	Senior Corporate Advisor, KDDI Corporation
Hiroaki Takahashi	Honorary Chairman, Tohoku Economic Federation / Senior Advisor, Tohoku Electric Power Co., INC. President, Sendai Philharmonic Orchestra
Atsuko Toyama	Advisor, The Toyota Foundation / Former Minister of Education, Culture, Sports, Science and Technology
Yuko Harayama	Visiting Fellow, Technology Strategy Center, New Energy and Industrial Technology Development Organization Former Member, Council for Science, Technology and Innovation Professor Emeritus, Tohoku University
Tetsuro Higashi	Outside Director, Seven & i Holdings Co., Ltd. External Director, Nomura Real Estate Holdings, Inc. Outside Director, Ube Industries, Ltd.

Internal Members	
Koichi Morimoto	Vice President (Dean, Graduate School of Arts and Letters)
Nobuo Yaegashi	Vice President (Dean, Graduate School of Medicine)
Tetsuya Nagasaka	Vice President (Dean, Graduate School of Engineering)
Koki Takanashi	Vice President (Director, Institute for Materials Research)
Masahiro Terada	Dean, Graduate School of Science
Keichi Sasaki	Dean, Graduate School of Dentistry

Board of Directors

Hideo Ohno	President
Takafumi Aoki	Executive Vice President
Hirotsugu Takizawa	Executive Vice President
Tadahiro Hayasaka	Executive Vice President

Toshiya Ueki	Executive Vice President
Nobuyoshi Hara	Executive Vice President
Yasuyuki Shimotsuma	Executive Vice President
Yoshinori Yajima	Executive Vice President

Management Committee

External Members	
Heihachiro Amano	Lead Supervisor, Automobile Business Association of Miyagi
Kohei Osada	Advisor, Nikkei Inc.
Tadashi Onodera	Senior Corporate Advisor, KDDI Corporation
Kumiko Obino	CEO INTERACT JAPAN Inc.
Hiroshi Kamata	Chairman, Sendai Chamber of Commerce and Industry Advisor, The 77 Bank, Ltd.
Junichi Kawada	Director, Executive Vice President, JXTG Holdings, Inc.
Reiko Kuroda	Designated Professor, Institute of Science and Technology Research, Chubu University
Satoshi Seino	President, Japan National Tourism Organization Advisor, East Japan Railway Company
Hiroaki Takahashi	Honorary Chairman, Tohoku Economic Federation / Senior Advisor, Tohoku Electric Power Co., Inc. President, Sendai Philharmonic Orchestra
Ryoji Chubachi	President, National Institute of Advanced Industrial Science and Technology
Miwako Doi	Auditor, National Institute of Information and Communications Technology Executive Director, Nara Institute of Science and Technology
Atsuko Toyama	Advisor, The Toyota Foundation / Former Minister of Education, Culture, Sports, Science and Technology
Yuko Harayama	Visiting Fellow, Technology Strategy Center, New Energy and Industrial Technology Development Organization Former Member, Council for Science, Technology and Innovation Professor Emeritus, Tohoku University
Tetsuro Higashi	Outside Director, Seven & i Holdings Co., Ltd. External Director, Nomura Real Estate Holdings, Inc. Outside Director, Ube Industries, Ltd.
Hikomichi Yoshitake	Trustee, Tokyo Metropolitan University Professor Emeritus, University of Tsukuba
Koichiro Watanabe	Representative Director, Chairman of the Board, Dai-ichi Life Holdings, Inc. Outside Director, JAPAN TOBACCO INC.

Internal Members	
Hideo Ohno	President
Takafumi Aoki	Executive Vice President
Hirotsugu Takizawa	Executive Vice President
Tadahiro Hayasaka	Executive Vice President
Toshiya Ueki	Executive Vice President
Nobuyoshi Hara	Executive Vice President
Yasuyuki Shimotsuma	Executive Vice President
Yoshinori Yajima	Executive Vice President
Teiji Tominaga	Vice President (Director, Tohoku University Hospital)
Masahiro Yamaguchi	Vice President
Noriko Osumi	Vice President
Makoto Ueki	Vice President



Aobayama Campus



Katahira Campus

## Education and Research Council

(as of July 1, 2019)

## Education and Research Council

Hideo Ohno	President	Fumihiko Imamura	Director, International Research Institute of Disaster Science
Takafumi Aoki	Executive Vice President	Tetsu Takahashi	Deputy Director, Tohoku University Hospital
Hirotsugu Takizawa	Executive Vice President (Director, Institute for Excellence in Higher Education)	Hiroki Takakura	Director, Center for Northeast Asian Studies
Tadahiro Hayasaka	Executive Vice President	Motoko Kotani	Director, Organization for Advanced Study (Director, Advanced Institute for Materials Research)
Toshiya Ueki	Executive Vice President	Masayuki Yamamoto	Executive Director, Tohoku Medical Megabank Organization
Nobuyoshi Hara	Executive Vice President	Toshiaki Yanagihara	Professor, Graduate School of Arts and Letters
Yasuyuki Shimotsuma	Executive Vice President	Hideki Kojima	Professor, Graduate School of Education
Yoshinori Yajima	Executive Vice President	Shigeki Nakahara	Professor, Graduate School of Law
Teiji Tominaga	Vice President (Director, Tohoku University Hospital)	Akira Hibiki	Professor, Graduate School of Economics and Management
Masahiro Yamaguchi	Vice President	Takahiro Obara	Professor, Graduate School of Science
Noriko Osumi	Vice President	Kazuhiko Yanai	Professor, Graduate School of Medicine
Makoto Ueki	Vice President	Nobuhiro Takahashi	Professor, Graduate School of Dentistry
Koichi Morimoto	Vice President (Dean, Graduate School of Arts and Letters)	Yoshiharu Iwabuchi	Professor, Graduate School of Pharmaceutical Sciences
Nobuo Yaegashi	Vice President (Dean, Graduate School of Medicine)	Hiroshi Inomata	Professor, Graduate School of Engineering
Tetsuya Nagasaka	Vice President (Dean, Graduate School of Engineering)	Hideki Takahashi	Professor, Graduate School of Agricultural Science
Koki Takanashi	Vice President (Director, Institute for Materials Research)	Toru Sato	Professor, Graduate School of International Cultural Studies
Tomohiro Yakuwa	Dean, Graduate School of Education	Koichi Hashimoto	Professor, Graduate School of Information Sciences
Yukinori Naruse	Dean, Graduate School of Law	Koji Tamura	Professor, Graduate School of Life Sciences
Nobuhiko Terui	Dean, Graduate School of Economics and Management	Toshiaki Yoshioka	Professor, Graduate School of Environmental Studies
Masahiro Terada	Dean, Graduate School of Science	Yoshifumi Saijo	Professor, Graduate School of Biomedical Engineering
Keiichi Sasaki	Dean, Graduate School of Dentistry	Takahiko Sasaki	Professor, Institute for Materials Research
Yoshinori Kondo	Dean, Graduate School of Pharmaceutical Sciences	Hozumi Motohashi	Professor, Institute of Development, Aging and Cancer
Keietsu Abe	Dean, Graduate School of Agricultural Science	Kaoru Maruta	Professor, Institute of Fluid Science
Daiko Takahashi	Dean, Graduate School of International Cultural Studies	Takahiro Hanyu	Professor, Research Institute of Electrical Communication
Mitsuyuki Nakao	Dean, Graduate School of Information Sciences	Masami Terauchi	Professor, Institute of Multidisciplinary Research for Advanced Materials
Asako Sugimoto	Dean, Graduate School of Life Sciences	Hiroaki Maruya	Professor, International Research Institute for Disaster Science
Noriyoshi Tsuchiya	Dean, Graduate School of Environmental Studies	Chihiro Ito	Professor, Institute for Excellence in Higher Education
Tsunemoto Kuriyagawa	Dean, Graduate School of Biomedical Engineering		
Ryuta Kawashima	Director, Institute of Development, Aging and Cancer		
Shigeru Obayashi	Director, Institute of Fluid Science		
Satoshi Shioiri	Director, Research Institute of Electrical Communication		
Atsushi Muramatsu	Director, Institute of Multidisciplinary Research for Advanced Materials		



Kawauchi Campus



Aobayama Campus

# University Personnel

(as of May 1, 2019)

Classification	President	Executive Vice Presidents	Auditors	Professors	Associate Professors	Senior Assistant Professors	Assistant Professors	Research Associates	Academic Staff Total	Administrative/ Technical Staff	Grand Total
President	1										1
Executive Vice President		7									7
Auditor			2 (1)								2
Administration Bureau										2	2
Administration Bureau							1		1	9	10
Strategic Planning Office								1	2	52	54
General Affairs and Planning Department										58	58
Human Resources and Planning Department										91	91
Education and Student Support Department										72	72
Finance Department										26	26
Research Promotion Department										42	42
Facilities Department										21	21
Information Department										6	6
Audit Office											
Graduate School of Arts and Letters				43	34		13	2	92	20	112
Graduate School of Education				16	19		7		42	10	52
Graduate School of Law				38	14		5	2	59	14	73
Graduate School of Economics and Management				33	18	5	4	6	66	18	84
Graduate School of Science				71	77	5	79	4	236	71	307
Graduate School of Medicine				86	60	31	107	17	301	41	342
Graduate School of Dentistry				22	15	10	52		99	18	117
Graduate School of Pharmaceutical Sciences				18	10	7	29	3	67	15	82
Graduate School of Engineering				115	109	5	108	11	348	107	455
Graduate School of Agricultural Science				40	37		37	2	116	28	144
Graduate School of International Cultural Studies				20	16	1	1		38	15	53
Graduate School of Information Sciences				33	36	1	24		94	11	105
Graduate School of Life Sciences				27	12	2	33		74	13	87
Graduate School of Environmental Studies				16	15		15	4	50	7	57
Graduate School of Biomedical Engineering				18	5	1	4		28	4	32
Institute for Materials Research				28	35	1	63	4	131	36	167
Institute of Development, Aging and Cancer				14	10	3	26		53	13	66
Institute of Fluid Science				18	9		19		46	11	57
Research Institute of Electrical Communication				20	21		24		65	15	80
Institute of Multidisciplinary Research for Advanced Materials				46	30	8	73	1	158	28	186
International Research Institute of Disaster Science				18	17	2	13	2	52	9	61
Main Library										27	27
Medical Library										6	6
Kita-Aobayama Library										3	3
Engineering Library										6	6
Agricultural Library										4	4
Tohoku University Hospital				11	22	74	227	65	399	1,788	2,187
Information Synergy Organization										2	2
Institute for Excellence in Higher Education				23	38	18	22	2	103	18	121
Organization for Advanced Studies										9	9
Advanced Institute for Materials Research				14	8	1	31	4	58	6	64
Advanced Research Center for Innovations in Next-Generation Medicine							5		5		5
Frontier Research Institute for Interdisciplinary Sciences				4	3		41		48	2	50
Organization for International Initiatives					1				1	1	2
Institute for Promoting Graduate Degree Programs				1					1		1
Head Office of Enterprise Partnerships				2					2	19	21
Organization for the Promotion and Support of Research Activities				1	1			1	3	13	16
Organization for Academic Activity Support				1	2	1	4		8	367	375
Cyclotron and Radioisotope Center				5		1	4	3	13		13
Archaeological Research Office on the Campus										3	3
Center for Northeast Asian Studies				10	6		8		24		24
The Center for Academic Resources and Archives				3	4		6		13		13
Research Center for Electron Photon Science				4	5		7		16		16
Cyberscience Center				4	5		1		10		10
Research Center for Neutrino Science				3	3	1	6		13	2	15
Center for Gender Equality Promotion										1	1
Center for Spintronics Research Network					1		1		2		2
Research Alliance Center of Mathematical Science				1	2		1		4		4
Smart-Aging Research Center				1			6	1	8		8
Yotta Informatics Research Center							1		1		1
Campus Design Office										3	3
Center for Science and Innovation in Spintronics							4		4		4
Center for the Advancement of Open Online Education										1	1
New Industry Creation Hatchery Center				20	20	1	11	4	56	8	64
Environment Conservation Center						1			1		1
Center for Information Technology in Education				2	3		2	1	8		8
Center for Gene Research					1				1		1
Tohoku Medical Megabank Organization				10	9	12	34	10	75	18	93
Micro System Integration Center (μSIC)				3	3		3	1	10	2	12
Center for Innovative Integrated Electronic Systems				13	3		1		17	3	20
Material Solutions Center (MaSC)				1					1		1
Research Organization of Electrical Communication				2					2	1	3
International Strategy Office				1					1		1
Head Office for Open Innovation Strategy				1					1	11	12
Regular Personnel	1	7	2 (1)	881	739	193	1,163	151	3,127	3,207	6,344

※ Counts include employees on leave status.

※ ( ) indicates the number of part-time personnel.

## Faculties/Schools

	Departments		Departments
Arts and Letters	Humanities and Social Sciences	Medicine	Medical Sciences Health Sciences
Education	Educational Science	Dentistry	Dentistry
Law	Law	Pharmaceutical Sciences	Pharmacy Pharmaceutical Science
Economics	Economics Business Administration	Engineering	Mechanical and Aerospace Engineering Electrical, Information and Physics Engineering Applied Chemistry, Chemical Engineering and Biomolecular Engineering Materials Science and Engineering Civil Engineering and Architecture
Science	Mathematics Physics Astronomy and Geophysics Chemistry Geoenvironmental Science Earth and Planetary Materials Science Biology	Agriculture	Applied Bio-Sciences Applied Biological Chemistry

## Graduate Schools

	Departments		Departments
Arts and Letters	Japanese Studies Global Humanities Integrated Human Sciences	Agricultural Science	Biological Resource Sciences Life Sciences Bioscience and Biotechnology for Future Bioindustries
Education	Educational Sciences	International Cultural Studies	International Cultural Studies
Law	Law and Society (Law School) Public Law and Policy (School of Public Policy) Legal and Political Studies (Graduate School of Law)	Information Sciences	Computer and Mathematical Sciences System Information Sciences Human-Social Information Sciences Applied Information Sciences
Economics and Management	Economics and Management Accountancy (Accounting School)	Life Sciences	Integrative Life Sciences Ecological Developmental Adaptability Life Sciences Molecular and Chemical Life Sciences
Science	Mathematics Physics Astronomy Geophysics Chemistry Earth Science	Environmental Studies	Environmental Studies for Advanced Society Frontier Science for Advanced Environment
Medicine	Medical Sciences Disability Sciences Health Sciences Public Health	Biomedical Engineering	Biomedical Engineering
Dentistry	Dental Sciences	Professional Graduate Schools	Law School School of Public Policy Accounting School
Pharmaceutical Sciences	Molecular Pharmaceutical Science Life and Pharmaceutical Science Pharmacy		
Engineering	Mechanical Systems Engineering Finemechanics Robotics Aerospace Engineering Quantum Science and Energy Engineering Electrical Engineering Communications Engineering Electronic Engineering Applied Physics Applied Chemistry Chemical Engineering Biomolecular Engineering Metallurgy Materials Science Materials Processing Civil and Environmental Engineering Architecture and Building Science Management Science and Technology		

## Tohoku University Library

### Number of Volumes

(as of March 31, 2019)

Classification		Types of Materials	Main Library	Medical Library	Kita-Aobayama Library	Engineering Library	Agricultural Library	Total
Number of Volumes	Books	Japanese	1,651,888	174,393	92,914	184,131	90,266	2,193,592
		Foreign	1,176,387	244,983	307,192	184,420	61,894	1,974,876
		Total	2,828,275	419,376	400,106	368,551	152,160	4,168,468
	Periodicals	Japanese	27,429	5,413	2,825	3,740	4,369	43,776
		Foreign	17,687	9,426	8,635	4,373	2,301	42,422
		Total	45,116	14,839	11,460	8,113	6,670	86,198

### Usage Statistics

(FY2018)

Classification	Main Library	Medical Library	Kita-Aobayama Library	Engineering Library	Agricultural Library	Total
Visitors	650,100	171,819	61,768	157,690	61,304	1,102,681
Books for Loan	226,112	27,688	24,487	48,335	7,470	334,092
Literature Duplication	6,152	7,109	1,477	3,542	500	18,780

### Collections

1. National Treasures	Shiki Kobun Hongi / Shiji Xiao Wen benji di shi v.10 (Heian Period) Ruiju kokushi v.25 (Heian Period)
2. Old and Rare Collection	Japanese books: 820 items (including 574 items of the Kano Collection), Foreign books: 110 items, The Derge Edition of Tibetan Buddhist Canons, The Soseki Collection, The Akita Collection.
3. Special Collection	Kano Collection (Excluding national treasures and Old and Rare Collection), Wasan (native mathematics of Japan) Collection, Bansui Collection, Kushida (Tamizo) Collection, Wundt Collection (Wilhelm Wundt), Koeber Collection (Raphael von Koeber), Stein Collection (Friedrich Stein), Seckel Collection (Emil Seckel), Zitelmann Collection (Ernst Zitelmann), The Ancient documents, Wilhelm Windelbant notes directly (Wilhelm Windelband)
4. Other special collections etc.	Abe (Jiro) Collection, Orui (Noburu) Collection, Kojima (Kikuo) Collection, Ishizu (Teruji) Collection, Umehara (Sueji) Collection, Yajima (Genryo) Collection, Wada (Saichirou) Collection, Sunaga (Shigemitsu) Collection, Kinoshita (Akira) Collection, Takayanagi (Shinzo) Collection, Miyata (Mitsuo) Collection, Ito (Nobuo) Collection, Kouno (Yoichi) Collection, Nakano (Tadashi) Collection, Nakamura (Kichiji) Collection, Hirayama (Akira) Collection, Matsumoto (Kinju) Collection, Yanase (Yoshimoto) Collection, Kanaya (Osamu) Collection, Serizawa (Chosuke) Collection, Takeuchi (Yoshio) Collection, Würfel Collection (Georg Würfel), Documents of the Haruyama family, Saito Collection, The Second special collections

## Tohoku University Hospital

(as of May 1, 2019)

Divisions	Clinical Departments	Beds
Medicine	Internal Medicine	1,207
	Surgery	
	Obstetrics, Gynecology and Urology	
	Neurological and Psychiatric Disorders	
	Pediatrics	
	Sense Organ and Rehabilitation Medicine	
	Radiology	
Dentistry	Oral Health Enhancement	1,207
	Oral Medicine and Surgery	
	Oral Reconstruction	
	Rehabilitation of Oral Function	

### Number of Patients

(FY 2018)

Divisions/Inpatient Treatments	Total Number of Inpatients	Average Number of Inpatients per day
Medicine	344,412	944
Dentistry	10,527	29
Divisions/Outpatient Treatments	Total Number of Outpatients	Average Number of Outpatients per day
Medicine	562,676	2,306
Dentistry	156,608	642



Tohoku University Hospital

We also conduct "Advanced Medical Care" in 14 special fields.  
(as of April 1, 2019)

(FY = Fiscal Year/ Financial Year)



## Number of Students

(as of May 1, 2019)

### Total Number

Categories	Student Quota	Number of Students	Number of International Students included in counts			Research Students/ Special Auditing Student/ Special Research Students/ Credited Auditors/ Undergraduate Preparatory Students/ Intensive Japanese Language Program
			Japanese Government Scholarships	Private Means	Subtotal	
Undergraduate Students	10,040	10,814 (2875)	59	143	202	319
Graduate Students (Master's Program/ Profession Degree Program)	3,836	4,385 (1138)	110	731	841	184
Graduate Students (Doctoral Program)	2,543	2,605 (764)	202	504	706	
Subtotal	16,419	17,804 (4777)	371	1,378	1,749	503
Attached School	40	27 (13)	—	—	—	—
Research Institutes	—	—	—	—	—	25
Others	—	—	—	—	—	28
Grand Total	16,459	17,831 (4790)	371	1,378	1,749	556

※ ( ) indicates the number of female students included in counts.

※ "Private Means" include foreign government funds.

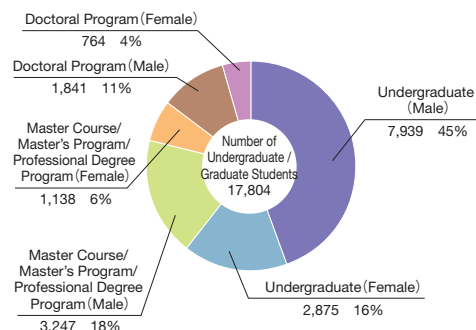
### Faculties/Schools

(as of May 1, 2019)

Faculties/Schools	Student Quota	Number of Students
Arts and Letters	840	958 (501) [18]
Education	280	303 (157) [0]
Law	640	722 (247) [7]
Economics	1,080	1,184 (225) [11]
Science	1,296	1,370 (215) [44]
Medicine	1,386	1,423 (600) [5]
Dentistry	318	325 (149) [6]
Pharmaceutical Sciences	360	387 (134) [0]
Engineering	3,240	3,489 (394) [91]
Agriculture	600	653 (253) [20]
Total	10,040	10,814 (2,875) [202]

※ ( ) indicates the number of female students included in counts.

※ [ ] indicates the number of international students included in counts.



### Graduate Schools

(as of May 1, 2019)

Graduate Schools	Master's Program/ Profession Degree Program		Doctoral Program	
	Student Quota	Number of Students	Student Quota	Number of Students
Arts and Letters	178	211 (114) [82]	128	181 (78) [57]
Education	90	90 (55) [29]	48	69 (28) [7]
Law	230	171 (47) [22]	44	45 (12) [24]
Economics and Management	180	199 (92) [136]	60	47 (17) [24]
Science	524	598 (98) [61]	390	250 (42) [79]
Medicine	184	219 (120) [32]	583	745 (239) [72]
Dentistry	12	15 (10) [0]	168	186 (80) [37]
Pharmaceutical Sciences	108	125 (30) [12]	70	48 (8) [9]
Engineering	1,272	1,544 (202) [215]	522	502 (86) [191]
Agricultural Sciences	218	283 (119) [41]	111	114 (40) [34]
International Cultural Studies	70	64 (46) [51]	48	55 (35) [31]
Information Sciences	280	332 (49) [74]	126	120 (25) [40]
Life Sciences	212	209 (82) [26]	107	75 (21) [23]
Environmental Studies	200	231 (53) [49]	99	102 (39) [64]
Biomedical Engineering	78	93 (21) [10]	34	48 (6) [13]
Educational Informatics	—	1 (0) [1]	5	18 (8) [1]
Total	3,836	4,385 (1,138) [841]	2,543	2,605 (764) [706]

※ ( ) indicates the number of female students included in counts.

※ [ ] indicates the number of international students included in counts.

### Attached School

(as of May 1, 2019)

School	Student Quota	Number of Enrollees	Number of Students
School of Dental Laboratory Technicians	20 x 2 years	14 (7)	27 (13)

※ ( ) indicates the number of female students included in counts.



Kawauchi Campus

## Tohoku University Club Association (“Gakuyu-kai”) Extracurricular Activities

Tohoku University Club Association (“Gakuyu-kai”) is a university association, consisting of the student body and faculty of our university; it incorporates a membership system with fees charged to all its members. The association covers many extracurricular sports and cultural events for the entire university as a whole; it also hosts activities such as the University Festival and Welcome Parties events for its newcomers. We are hopeful that all students enjoy, and develop a positive and refined character throughout the “Gakuyu-kai” activities.

### Cultural activities

Male Chorus (Men's Chorus)	Nohgaku (Japanese Opera)	Light Music
Mixed Chorus	Hogaku (Traditional Japanese Instruments)	Mandolin
Symphony Orchestra	Broadcasting	Chemistry
Literature	Amateur Radio	Audio (DJ)
Fine Art	Rakugo (Traditional Japanese Storytelling)	Wind Orchestra
Movie	English Speaking Society	Shogi (Japanese chess)
Drama	Go	Calligraphy
Photography	Juggling	Life Support
Tea Ceremony		A Cappella

### Sport activities

Track and Field	Karate	Ballroom Dance
Baseball	Motorcar	Archery
Semi-Hardball Baseball (Quasi-Baseball)	Wandervogel (Rambling /Hiking)	Triathlon
Tennis	Golf	Lacrosse
Soft Tennis	Aikido	Cart Racing
Rugby	Fencing	Shinkyokushin Karate
Volleyball	Cheering Party (Cheerleading)	Sumo Wrestling
Soccer	Cycling	Softball
Basketball	Bodybuilding	Chinese Martial Arts
Table Tennis	Shorinji-Kempo (Japanese Martial Arts)	Bogu Karate
Mountaineering	Gymnastics	Human-Powered Aircraft (Birdman)
Swimming	American Football	Futsal
Rowing	Orienteering	
Yacht		
Ice Hockey		
Horse Riding		
Badminton		
Judo		
Ski		
Handball		
Aviation		
Kendo		
Kyudo (Japanese Archery)		

### Press

Press
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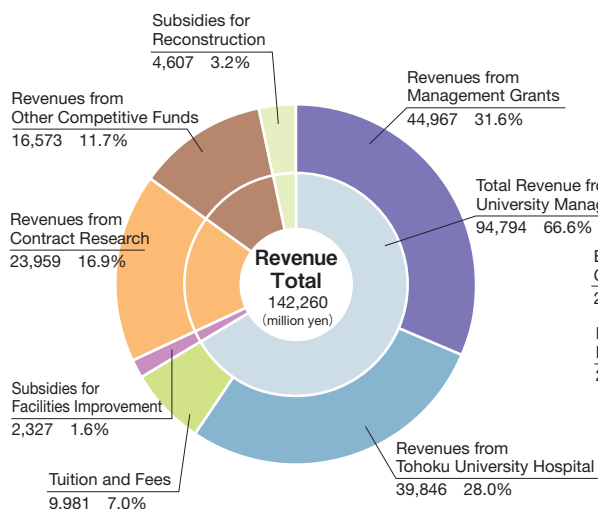


Table Tennis

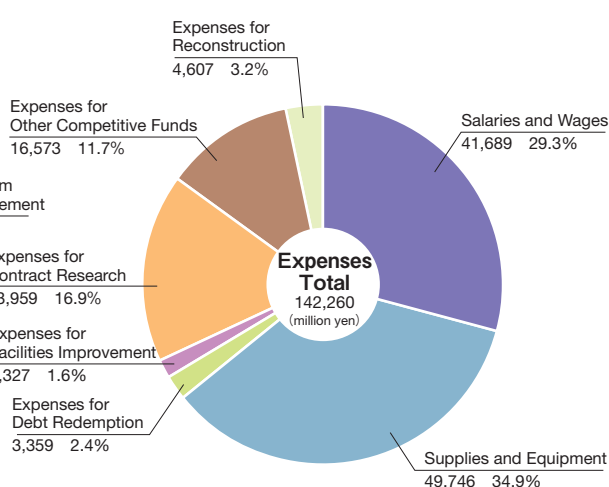
112 other circles/organizations

Financial Summary

Revenue FY2018



Expenditure FY2018



Research Funds

Grants-in-Aid for Scientific Research

(FY2018)

Categories	Number of Projects	Amount of Grants (thousand yen)		
		Direct Expenses	Indirect Expenses	Total
Grant-in-Aid for Specially Promoted Research	3	181,000	54,300	235,300
Grant-in-Aid for Scientific Research on Innovative Areas	146	1,302,550	390,765	1,693,315
Grant-in-Aid for Scientific Research (S) or (A) or (B) or (C)※	1,378	4,469,380	1,340,814	5,810,194
Grant-in-Aid for challenging Exploratory Research※	58	42,300	12,690	54,990
Challenging Research (Pioneering)	11	78,200	23,460	101,660
Challenging Research (Exploratory)	196	418,400	125,520	543,920
Early-Career Scientists/Grant-in-Aid for Young Scientists (A) or (B) ※	515	762,550	228,765	991,315
Grant-in-Aid for Research Activity start-up	74	79,800	23,940	103,740
Grant-in-Aid for Encouragement of Scientists	15	6,920	0	6,920
Grant-in-Aid for Publication of Scientific Research Results (Scientific Literature and Databases)	8	12,000	0	12,000
Grant-in-Aid for JSPS Research Fellow	303	265,100	13,440	278,540
Fund for the Promotion of Joint International Research (Fostering Joint International Research (A) or (B))	23	204,900	61,470	266,370
<b>Total</b>	<b>2,730</b>	<b>7,823,100</b>	<b>2,275,164</b>	<b>10,098,264</b>

※ Including multi-year fund

Donations and Sponsored Research

(FY2018)

Categories	Number of Recipients	Amount Received (thousand yen)
Donations	2,939	3,387,580
Joint Research with Industry	1,348	4,820,865
Funds for Sponsored Research		
General Funds	401	6,998,986
Sponsored Research		
Competitive Funds	388	7,024,587
Subtotal	789	14,023,573
Subtotal	2,137	18,844,438
Academic Consulting	309	199,602
<b>Total</b>	<b>5,385</b>	<b>22,431,620</b>

( FY = Fiscal Year/ Financial Year )

## ■ Innovation Creation Program (COI STREAM)

Period of Implementation: FY 2013-FY 2021

Theme	Name	Contents
The Center of Innovation (COI) Program	Center of Innovation for creation of a society with self-help and mutual-assistance through daily unobtrusive sensing and health monitoring.	We are developing a Daily Health Screening system that uses unobtrusive sensing, so that anyone, anytime and anywhere can stay aware of their own and their loved ones' health and everyday status, and can obtain multigenerational support going beyond the family. The Daily Health Screening system consists of three elements: "HaKaRu," "WaKaRu," and "OKuRu." Applying various sensing techniques, the system unobtrusively collects information about health and health factors. This information is combined with predisposition data and centrally managed as a big data PHR in the cloud. Besides aiming for understanding and sharing of this information, it is put to various uses from the standpoints of self-assistance and mutual assistance.

- R&D themes that unlock results
  - Lineup of innovative sensing devices to realize unobtrusive sensing of environmental factors and life factors
  - Genome analysis technology capable of evaluating physical constitution, disease risk, and drug responsiveness due to genetic factors quickly and at a low cost
  - Innovative PHR platform to centrally manage data on life factors, environmental factors and genetic factors
  - Service to provide predictive health information based on analysis of healthcare big data: Lifestyle advice and preventive support by doctors and health concierges
  - Creation of many different kinds of businesses by integrating sensor data and byconnecting services through AI analysis and open API provision

## ■ The Program for Promoting the Enhancement of Research Universities

Period of Implementation: FY 2013-FY 2022

Name	Contents
The Program for Promoting the Enhancement of Research Universities	In recent years, various statistics such as Japan's world share of publications, have shown a declining trend. To counteract against this trend, immediate actions for boosting Japanese universities' global competitiveness are mandatory. Necessary actions and efforts include the progressive improvement of whole environments surrounding research activities, including support, management and promotion systems, in particular the establishment of a strong research administration system by securing skillful research management personnel. This ten-year-period project supports such efforts.

- Tohoku University Initiatives
  - We will improve the Research Administration Center, which is part of the Organization for Research Promotion, and conduct analysis of worldwide research, social trends, and our university's research capacity. By "surfacing" our research strategy, we will provide planning support and the selection of benchmark universities, research institutes, and researchers. We will then increase the number of visiting/resident researchers from these universities etc.
  - We will establish the Tohoku Forum for Creativity as a visiting/resident research center to develop pioneering fields of research that will contribute to solving problems common among all human societies.

Name	Contents
Tohoku Forum for Creativity (TFC)	The Tohoku Forum for Creativity (TFC) is an international visitor research institute which was established in 2013 at Tohoku University to facilitate collaborative research. In order to identify important problems across all of the sciences and humanities, the TFC brings together both junior and senior researchers in a stimulating environment that promotes creative approaches to new and interdisciplinary research areas. The TFC especially encourages junior researchers, such as graduate students and postdoctoral fellows, to participate in the thematic programs. Through discussions and close contact with distinguished researchers, including Nobel Laureates and Fields Medallists, junior researchers will be stimulated to develop their own original ideas and to eventually become pioneers in new research areas.

- We will establish Overseas Research Stations, which will allow young researchers (potential global leaders) to conduct mid/long-term studies at overseas research institutes. International research cooperation/collaboration projects will dramatically accelerate the ideas they incubate overseas.
- A reception system, comprised of the Research Reception Center and International Cooperation Bureau, will be created to facilitate the smooth arrival of visiting/resident researchers. The International Affairs Center (IAC), which also has the function of the Research Reception Center, will play a central role in accelerating the internationalization of administrative staff at Tohoku University.

## Student Education Programs

Tohoku University promotes the following educational programs with support from the Ministry of Education, Culture, Sports, Science and Technology (MEXT).

### WISE Program (Doctoral Program for World-leading Innovative & Smart Education)

These five-year integrated doctoral programs make use of the world's most outstanding education and research capabilities, and are run in cooperation with outside organizations. In addition to fostering individuals with excellent doctorate degrees, this program also promotes efforts to create outstanding hubs where the development of talented individuals, exchanges and the creation of new joint research can be continually promoted.

Year	Department	Program	Contents
FY2018 - FY2024	13 graduate schools and institutes, including the Graduate School of Medicine and Graduate School of Dentistry	Advanced Graduate Program for Future Medicine and Health Care	This program aims to foster excellent professionals who are capable of promoting interdisciplinary approaches to integrate medicine, healthcare, engineering, economics and social sciences in order to develop, implement and lead the next-generation of medicine – “Future Medicine supported by Data Science, Technology and Society (DTS)” that Tohoku University is proposing, and contribute to building a sustainable aging-friendly society where aged people are able to live self-sufficiently while maintaining their quality of life.
FY2018 - FY2024	10 graduate schools and institutes, including the Graduate School of Engineering and Graduate School of Information Sciences	WISE Program for AI Electronics	This program aims to drive the doctoral student to acquire the “vision” to examine all technological layers in AI Electronics (AI spin device “hardware layer”, AI data science “software layer”, and AI processor “architecture layer”) and all spaces from the “physical space” to “cyber space”, and to gain practical skills for implementing solutions for social problems and the creation of new values taking into consideration business-academia collaboration. As a result, this program has the potential to produce talented doctors who can produce continuous innovations by combining technologies from different fields.

### The Program for Leading Graduate Schools

To guide excellent students to become global leaders able to work in the wide industry-university-government sectors, this program constructs and develops credit programs that guarantee interdisciplinary world-class education, supports far reaching reforms of postgraduate education and promotes the forming of graduate schools worthy of a top educational institution.

Year	Department	Program	Contents
FY2012 - FY2018	Graduate School of Engineering, Graduate School of Science, Graduate School of Art and Letters, International Research Institute of Disaster Science etc., 12 graduate schools and institutes	Inter-Graduate School Doctoral Degree Program on Science for Global Safety	This program aims to produce leaders for global safety capable of contributing in protecting human lives, society and industry from global disasters such as the Great East Japan Earthquake, not only in the academic field, but also in other fields such as global enterprises and international organizations.
FY2013 - FY2019	Graduate School of Engineering, Graduate School of Science etc., 11 graduate schools and institutes	Interdepartmental Doctoral Degree Program for Multi-dimensional Materials Science Leaders (MD Program)	The objective of the MD Program is to cultivate human resources through creating leaders whose understanding of materials is based on a diverse range of perspectives and a firm grasp of the fundamentals of materials science. When combined with extensive research experience, these leaders will be able to envision how their concepts of materials for the future will change society and to bring about those changes.

### Training “Cancer Professionals” to meet a Variety of New Needs

The purpose is to further promote cancer treatment in Japan through the training of outstanding “cancer professionals” who can deal with new necessities in medical treatments.

Year	Department	Program	Contents
FY2017 - FY2021	Graduate School of Medicine	The Professional Plan for Future Cancer Medicine in Tohoku	This program trains cancer specialists, in collaboration with other organizations, who can deal with the various medical necessities caused by cancer at each life stage, from young to old. It develops in students the knowledge and skills necessary to carry out the latest cancer treatments, and also gives them the ability to promote international-level clinical research.

### Problem-Solving Oriented Training Program for Advanced Medical Personnel

The aim of this program is to train advanced medical personnel capable of providing evidence-based treatment for various medical issues that Japan faces.

Year	Department	Program	Contents
FY2018 - FY2022	University Hospital	“Conductor-type” Human Resources Development Program for Disaster Medicine and Health Care	This program trains medical personnel in Conductor-type Disaster Health Care Management, developing their ability to respond to natural disasters and CBRNE disasters, and also complex disasters that combine both natural and CBRNE factors. The program ensure that participants can work as a team with people in various occupations, cooperate with other organizations, and carry out their functions from the acute phase to the chronic phase, both on location and behind the scenes.

### Education Network for Practical Information Technology (enPIT)

The purpose is to form a nationwide industry-academic collaborative education network, and to promote practical education, such as the use of problem-based learning, in order to improve the nurturing of talented individuals who can solve social issues by making the most of information technology.

Year	Department	Program	Contents
FY2016 - FY2020	Graduate School of Information Sciences	Development and implementation of a practical course in information security	The developing field of cybersecurity is an urgent issue for the nation. This course will provide students with a practical education in the understanding and application of information security, in addition to a general knowledge of advanced technology.

Tohoku University also independently promotes the following program.

### Initiatives for Distinctive Education

In order to promote the training of young researchers, the DIARE selects outstanding students as “DIARE master’s course students” and “DIARE doctoral course students”, and provides financial aid and an improved research environment.

Year	Department	Program	Contents
FY2007 -	Division for Interdisciplinary Advanced Research and Education (DIARE), Institute for Promoting Graduate Degree Programs	DIARE master’s course DIARE doctoral course	The DIARE is active in the international arena, and provides university-wide education and research support to develop young world-class researchers equipped with distinguished knowledge and the ability to create “comprehensive intelligence” in new interdisciplinary research areas.

(FY = Fiscal Year/ Financial Year)

## Endowed Chairs and Research Divisions

Endowed Chairs and Research Divisions are established to facilitate and enhance the research and education at Tohoku University through contributions from businesses and other organisations. Endowed Chairs are organized at the graduate schools and Endowed Research Divisions are organized at the research institutes as listed below.

(as of May 1, 2019)

### Endowed Chairs

Year	Graduate School	Chair	Duration
FY 2019	Graduate School of Pharmaceutical Sciences	Department of Social Pharmacy Management	Apr. 1, 2019-Mar. 31, 2022
FY 2019 (Continued)	Graduate School of Arts and Letters	Practical Religious Studies	Apr. 1, 2019-Mar. 31, 2022
FY 2019 (Continued)	Graduate School of Medicine	Department of Sciences for Aortic Disease	Apr. 1, 2019-Mar. 31, 2022
FY 2019 (Continued)	Graduate School of Medicine	Department of Ophthalmic Imaging and Information Analytics	Apr. 1, 2019-Mar. 31, 2022
FY 2019 (Continued)	Graduate School of Medicine	Department of Advanced Respiratory Management	Apr. 1, 2019-Mar. 31, 2020
FY 2018	Graduate School of Medicine	Department of Intelligent Network for Infection Control	Oct. 1, 2018-Sep. 30, 2021
FY 2018	Graduate School of Agricultural Science	Laboratory of Fermentation Microbiology	Oct. 1, 2018-Mar. 31, 2024
FY 2018 (Continued)	Graduate School of Medicine	Department of Clinical Hypertension, Endocrinology and Metabolism	Jun. 1, 2018-May 31, 2021
FY 2018 (Continued)	Graduate School of Medicine	Advanced Ophthalmic Medicine	Apr. 1, 2018-Mar. 31, 2021
FY 2018 (Continued)	Graduate School of Medicine	Retinal Disease Control, Ophthalmology	Apr. 1, 2018-Mar. 31, 2021
FY 2018 (Continued)	Graduate School of Agricultural Science	Function and Development Science of Livestock Production	Apr. 1, 2018-Mar. 31, 2020
FY 2017	Graduate School of Medicine	General Practitioner Development	Oct. 1, 2017-Sep. 30, 2020
FY 2017 (Continued)	Graduate School of Medicine	Innovative Cardiovascular Medicine	Oct. 1, 2017-Sep. 30, 2022
FY 2017 (Continued)	Graduate School of Medicine	Evidence-Based Cardiovascular Medicine	Oct. 1, 2017-Sep. 30, 2022
FY 2017 (Continued)	Graduate School of Medicine	Preventive Psychiatry	Oct. 1, 2017-Mar. 31, 2020
FY 2017 (Continued)	Graduate School of Medicine	Advanced Preventive Medicine for Infectious Disease	Apr. 1, 2017-Mar. 31, 2020
FY 2017	Graduate School of Medicine	Reconstruction in Sports Activity and Motor Function	Apr. 1, 2017-Mar. 31, 2020
FY 2017 (Continued)	Graduate School of Environmental Studies	Control of Environmental Materials (DOWA HOLDINGS CO., LTD.)	Apr. 1, 2017-Mar. 31, 2020
FY 2016	Graduate School of Life Sciences	Microbial evolution and function research	Oct. 1, 2016-Mar. 31, 2022
FY 2015	Graduate School of Agricultural Science	Microbial Resources	Apr. 1, 2015-Mar. 31, 2020

### Endowed Research Divisions

Year	Institute / Center	Research Division	Duration
FY 2019 (Continued)	Tohoku Medical Megabank Organization	Department of Traffic and Medical Informatics in Disaster	Apr. 1, 2019- Mar. 31, 2022
FY 2018 (Continued)	International Research Institute of Disaster Science	Earthquake induced Tsunami Risk Evaluation (Tokio Marine)	Apr. 1, 2018-Mar. 31, 2021
FY 2017 (Continued)	Institute of Development, Aging and Cancer	Division of Cognitive Neuroscience (Kumon Institute of Education Co., Ltd.)	Apr. 1, 2017-Mar. 31, 2020
FY 2017 (Continued)	Center for Northeast Asian Studies	Department of The Uehiro Tohoku Historical Materials Research	Apr. 1, 2017-Mar. 31, 2022

## Joint Research Chairs and Divisions

Joint Research Chairs and Divisions comprise a system to promote joint researches focusing on the utilization of research results etc. by accepting researchers and funding from companies etc., and sharing the university's faculty staff and objectives under the establishment of "Joint Research Chairs" (for Graduate Schools etc.) or "Joint Research Divisions" (for Research Institutes etc.).

(as of May 1, 2019)

### Joint Research Chairs

Year	Graduate School	Chair	Duration
FY 2019	Graduate School of Medicine	Department of Kampo and Integrative Medicine	Apr. 1, 2019-Mar. 31, 2024
FY 2019	Graduate School of Medicine	Department of Electromagnetic Neurophysiology (RICOH)	Apr. 1, 2019-Mar. 31, 2022
FY 2019	Graduate School of Engineering	Laboratory for Interconnect Advanced Technology (ICAT)	Apr. 1, 2019-Mar. 31, 2024
FY 2019	Graduate School of Engineering	Joint Laboratory of Tribological Material Research for Advanced Automobile (Toyota Motor East Japan, INC.)	Apr. 1, 2019-Mar. 31, 2022
FY 2019	Graduate School of Agricultural Science	J-Oil Mills Innovation Laboratory	Apr. 1, 2019-Mar. 31, 2022
FY 2018	Graduate School of Medicine	Department of Advanced MRI Collaborative Research	Oct. 1, 2018-Sep. 30, 2023
FY 2018 (Continued)	Graduate School of Engineering	Advanced Power Engineering	Apr. 1, 2018-Mar. 31, 2021
FY 2017	Graduate School of Medicine	Ophthalmic Drug Discovery	Oct. 1, 2017-Sep. 30, 2020
FY 2017	Graduate School of Dentistry	Advanced Free Radical Science	Jul. 1, 2017-Mar. 31, 2020
FY 2017	Graduate School of Medicine	Antibody Drug Development	Apr. 1, 2017-Mar. 31, 2022
FY 2017	Graduate School of Dentistry	Joint Research Department of Next-Generation Dental Material Engineering	Apr. 1, 2017-Mar. 31, 2020
FY 2017 (Continued)	Graduate School of Engineering	Microstructure Control for Advanced Steels (JFE Steel)	Apr. 1, 2017-Mar. 31, 2020

### Joint Research Divisions

Year	Institute / Center	Research Division	Duration
FY 2019	Graduate School of Engineering	Mitsubishi Fuso Laboratory for Practical Engineering Education Program	May 1, 2019-Apr. 30, 2021
FY 2019 (Continued)	Research Center for Electron Photon Science	Condensed Matter Nuclear Reaction	Apr. 1, 2019-Mar. 31, 2023
FY 2018	Institute for Materials Research	JAMPT Advanced Additive Manufacturing	Oct. 1, 2018-Sep. 30, 2021
FY 2018	Institute for Materials Research	Tokyo Electron Additive Manufacturing for Multimaterials	Oct. 1, 2018-Sep. 30, 2021
FY 2018	Tohoku University Hospital	Systematic Tumor Molecular Target Therapeutics	Jul. 1, 2018-Jun. 30, 2022
FY 2018 (Continued)	Cyberscience Center	High Performance Computing (NEC)	Jul. 1, 2018-Jun. 30, 2020
FY 2018	Institute of Multidisciplinary Research for Advanced Materials	Non-ferrous Metallurgy and Environmental Science	Apr. 1, 2018-Mar. 31, 2023
FY 2018 (Continued)	Tohoku University Hospital	Hematopathology	Apr. 1, 2018-Mar. 31, 2020
FY 2018 (Continued)	Institute of Fluid Science	Fundamental Research of Advanced Vehicle Technology (KEIHIN) II	Apr. 1, 2018-Mar. 31, 2021
FY 2018 (Continued)	Graduate School of Engineering	Advanced Electric Power Energy System	Apr. 1, 2018-Mar. 31, 2021
FY 2016	Tohoku University Hospital	Chronic Kidney Disease and Dialysis Treatment	Oct. 1, 2016-Sep. 30, 2019

(FY = Fiscal Year/ Financial Year)

## Cooperation with Industry

### Industry-University-Government Cooperation Policy

Tohoku University has been committed to the “Research First,” the “Open-Door” and the “Practice-Oriented Research and Education” policies since its foundation, and is internationally recognized for its outstanding research and education. The university contributes to the peace and prosperity of human society by devoting itself to research useful in solving societal problems, and by educating human resources in leadership skills.

The university aims to become a “World-class university” which contributes to human society by applying the knowledge it has accumulated over the past century, and by devoting itself to continuous research and education for the next century.

Moreover, under its policy of “global and regional openness,” Tohoku University will contribute to the growth of human society as a whole through the collective strength of its human and intellectual resources, and cooperation with regional and international communities. “Industry-University-Government Cooperation” is the core of our “Social Contribution,” our university’s third mission, after “Education” and “Research,” and an important means of delivering the benefits of knowledge to society. Our university follows an active policy of Industry-University-Government Cooperation as described below.

1. Ever since its founding, Tohoku University has had a tradition of “practice-oriented research and education.” Based upon this, the university shall increase the added social value of its education and research by widely disseminating its academic achievements to society and promoting the transfer of technology to industry.
2. In addition to technology transfer and cooperative research, the university shall promote world-leading research into technological innovations within the context of international Industry-University-Government Cooperation.
3. The university shall continuously promote Industry-University-Government Cooperation toward solving problems, including those specific to the region, and contribute to Japan’s economic and social development as a driving force behind innovation.
4. There shall be an organization within the university for the promotion of Industry-University-Government Cooperation, and it shall further such cooperation with an international perspective through the mobilization of university resources and coordination with pertinent domestic and foreign institutions.
5. In promoting Industry-University-Government Cooperation, social accountability shall be fundamental — i.e. ensuring transparency, and complying with international and domestic laws and international treaties.

### Joint Research with Industry

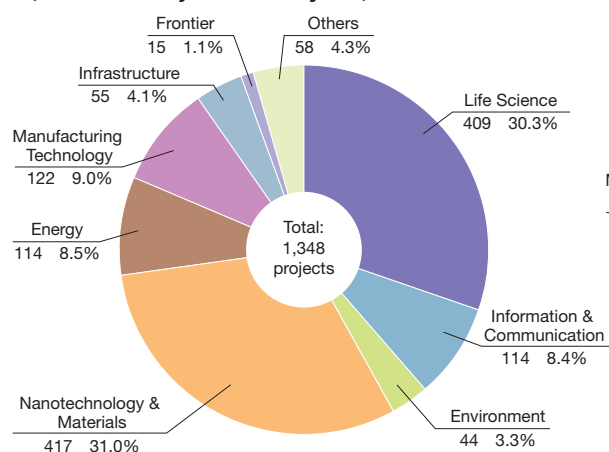
Fiscal Year	No. of Projects	Amount of Funds (million yen)
2018	1,348	4,821
2017	1,195	4,211
2016	1,106	3,878
2015	1,012	4,040
2014	974	3,549
2013	897	4,127
2012	831	3,084
2011	862	2,840
2010	854	2,956
2009	837	2,692
2008	786	2,459
2007	698	2,086
2006	519	2,028
2005	479	1,827
2004	392	1,675
2003	284	1,129

### Sponsored Research

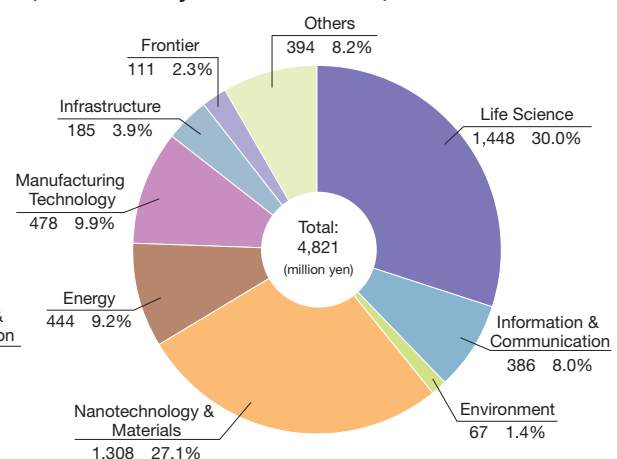
Fiscal Year	No. of Projects	Amount of Funds (million yen)
2018	789	14,024
2017	740	14,869
2016	758	13,638
2015	731	12,963
2014	692	11,140
2013	661	9,216
2012	666	9,587
2011	742	11,397
2010	589	10,008
2009	611	9,563
2008	596	9,131
2007	554	9,101
2006	591	7,927
2005	483	7,358
2004	456	6,149
2003	373	3,450

### Joint Research with Industry (FY 2018)

#### 〈Breakdown by No. of Projects〉



#### 〈Breakdown by Amount of Funds〉



## Organizational Cooperation

Tohoku University facilitates organized cooperation with private enterprises and research institutes, and promotes practical cooperation in all areas where mutual cooperation is possible, such as research and development, human resources development, and in its responsibilities to the regional community. (as of May 1, 2019)

Agreement Concluded	Company/ Institute	Objective
Jan. 19, 2006	Hitachi, Ltd.	Collaborative research and mutual exchange in the field of electricity, information, materials and mechanics.
Jan. 31, 2006	National Institute of Advanced Industrial Science and Technology (AIST)	Collaborative research in the field of environment, materials, information and telecommunication, and electronics, etc. and promotion of "AIST-TohokuU Mathematics for Advanced Materials - Open Innovation Laboratory (MathAM-OIL)
Jul. 27, 2006	SEIKO EPSON CORPORATION	Promotion of collaborative research, mutual exchange of researchers, education and development of human resources, and international student assistance for the advancement of international exchange.
Dec. 26, 2006	KAHOKU SHIMPO PUBLISHING CO.	Work together effectively and efficiently in the areas of research and investigation, event co-sponsorship and collaboration, human resource development, etc. while connecting the educational and research functions of Tohoku University and the news coverage and information service functions of Kahoku Shimpō.
Jan. 31, 2007	The 77 Bank, Ltd.	Provide support and exchange information regarding Tohoku University-based start-ups; coordinate matching between Tohoku University's seeds and regional companies; and provide technical advice and promote exchange of human resources.
Mar. 6, 2007	DOWA HOLDINGS CO., LTD.	Promote joint research and mutual exchange of researchers, foster young researchers, and establish mutual use of research institutes and facilities.
Jul. 25, 2008	Central Institute for Experimental Animals	Collaborative research in the field of life science, biological science, material science, psychology and social science, and the cultivation and interaction of human resources.
Feb. 19, 2009	High Energy Accelerator Research Organization (KEK)	Promotion of cooperative research in the field of elementary particle/nuclear physics, physics/life science and accelerator science, and strengthening cooperative research systems.
Mar. 9, 2009	National Institute for Fusion Science	Promotion of fusion reactor research, education and exchange of human resources.
Apr. 14, 2009	RIKEN	To develop diverse academic fields such as theory and experiments, and the fusion of computational science and computer science; create innovations through computational science; foster human resources who will be active globally; and promote the exchange of faculty and researchers.
Feb. 12, 2010	NTT, NTT East	Further expansion of coordinated cooperation in the fields of information and communications, extension and revitalization of educational and research activities, and promotion of interdisciplinary research and development.
Jun. 4, 2010	Sumitomo Metal Mining Co., Ltd.	Further expansion of collaborative research, mutual exchange and human resource development in order to promote research relating to nonferrous metal materials.
Jul. 26, 2011	Tokio Marine & Nichido Fire Insurance Co., Ltd.	Promotion of cooperation and collaboration in research and development, human resource development and other fields of mutual interests related to risk evaluation of earthquakes and tsunamis.
Nov. 10, 2011	Sendai City, University of Tsukuba	Promotion of research and development of algal biomass capable of producing petroleum components from household wastewater, aiming for realization of a fuel production model and new circulation system.
Jan. 19, 2012	National Institute of Information and Communications Technology (NICT)	Effective and efficient promotion of research on information communication technologies to reinforce information communication networks and its disaster-proof applications towards creation of a more disaster-resilient society.
Oct. 16, 2012	Japan Agency for Marine-Earth Science and Technology (JAMSTEC)	Promotion of cooperation and collaboration in the area of collaborative research and projects; mutual exchange of students and researchers and fostering human resource; Information exchange on academic materials and research reports etc.; utilization of facilities and equipment.
Aug. 1, 2013	TOSHIBA CORPORATION	Foster cooperation and coordination in areas with potential synergy, such as research and development, human resources development etc. in research areas related to "Research and Development of Health Care Big Data."
Nov. 12, 2013	National Institute for Materials Science (NIMS)	Contribute to the promotion of science and technology and societal development through cooperative research and development, shared use and management of research facilities, and personnel exchange etc. in material science fields.
Dec. 18, 2013	Tohoku Regional Bureau Ministry of Land, Infrastructure and Transport	Promote and enhance cooperation and coordination to improve disaster protection functions, and facilitate sustainable development of local communities by building on the long-term trust fostered between the parties.
Mar. 28, 2014	Japan Atomic Energy Agency (JAEA)	Mutually utilize the research facilities, research results, human resources etc., and collaborate and cooperate to enhance mutual research and development and human resources development.
Aug. 1, 2014	Japan Agency for Medical Research and Development (AMED)	Promotion of cooperation and collaboration in novel drug discovery aimed at creation of innovative medicines.
Apr. 1, 2016	National Institutes for the Humanities	Comprehensive promotion and development of research on the Northeast Asian region.
Oct. 31, 2016	Pharmaceuticals and Medical Devices Agency (PMDA)	Mutually utilize the assets, capabilities, human resources etc. fostered between the parties, and contribute to the promotion of regulatory science in Japan.
Nov. 9, 2016	National Institutes for Quantum and Radiological Science and Technology (QST)	Training professionals in advanced specialties of molecule imaging research PET (Positron Emission Tomography).
Feb. 14, 2017	Organization for Small & Medium Enterprises and Regional Innovation	Strengthen industry-university collaboration through creation of university-ventures, and promotion of regional innovation, etc.
Mar. 1, 2017	Tohoku Regional Advancement Center	Contribute to sustainable regional development by improving regional activities and human resource development through cooperation in various fields, for revitalization of industry and cultivation of human resources in the Tohoku region.
Mar. 28, 2017	ALPS ALPINE CO., LTD.	Contribute to the promotion of the electronic parts industry and the development of society as a whole, through creation of new advanced technology businesses and cultivation of human resources to foster innovation for sustainable regional industry growth.



Apr. 20, 2017	JFE Steel Corporation	Contribute to the advancement of the steel industry and the development of society as a whole.
Jun. 29, 2017	Japan External Trade Organization (JETRO)	Collaborate and cooperate in programs such as education to foster global human resources, overseas development of agriculture, fisheries, and food industries, and utilization of University technologies globally.
Oct. 3, 2017	NIPPON STEEL CORPORATION	Contribute to the promotion of the steel industry and the development of society as a whole.
Nov. 8, 2017	The 77 Bank, Ltd., Tokyo Stock Exchange, Inc.	Contribute to regional economic revitalization and development through growth support of venture companies and regional companies as well as promotion of human resources development of entrepreneurs.
Dec. 14, 2017	Japan Oil, Gas and Metals National Corporation (JOGMEC)	Contribute to the development of academic and technological development in Japan related to resources and energy by utilizing supplementary of mutual research and development capabilities, human resources and facilities.
Jan. 26, 2018	Kobe University, National Institutes for the Humanities	Contribute to the enhancement of the universities' education and research functions with regard to the inheritance and creation of historical culture in regional communities in Japan. Three collaborating organizations are promoting this project, which is designed as a national wide-area network project for the purpose of research and the preservation of historical cultural data in regional communities in Japan.
Jun. 26, 2018	Philips Japan, Ltd.	Focus on the use of digital technology (ICT) to study "human behavioral changes" to provide innovative healthcare solutions that aim to create new values improving preventive care and quality of life.
Jul. 18, 2018	Tokyo Institute of Technology	With regard to researching the fundamentals and applications of information science centered on quantum computing, the Tokyo Institute of Technology and Tohoku University aim to form a base in Japan and also to demonstrate global leadership by cooperating in a systematic fashion while making use of the strengths of both universities.
Sep. 5, 2018	JX Nippon Mining & Metals Corporation	Promote sustainable and organizational cooperation in all aspects such as research and development and human resources development in the non-ferrous metal industry to contribute to the further development of the whole society.
Sep. 19, 2018	Tokio Marine & Nichido Fire Insurance Co., Ltd.	Addressing social issues by implementing the findings of the world-leading research in the field of disaster science and healthcare.
Oct. 9, 2018	The Research Institute of Economy, Trade and Industry	Contribute to the promotion of academic research and the forming of policies using the results of research, thereby contributing to society.
Mar. 20, 2019	RIKEN	Contribute to the promotion of science and technology in Japan by effectively implementing cooperation and collaboration in research, education and the development of human resources, in a spirit of mutual benefit.
Apr. 2, 2019	Rakuten, Inc.	Leverage knowledge and assets in various fields such as healthcare, medical care, robotics and human resource development to create outstanding innovation and accelerate those social implementation.

## Cooperation with Community

### The Science Café・Liberal Arts Salon

The Science Café provides an opportunity for high school students and the general public to get up close with university scientists in a casual setting. Participants can hear about scientific research developments at the university and learn how they contribute to our wider community.

The Liberal Arts Salon invites all those interested in themes related to humanities and social sciences to join in these talk sessions. Liberal arts often focus on topics of human interest to cultivate critical thinking and general intellectual ability.

### Industry, Academia, Government, Finance Collaboration Fair 2019 in MIYAGI

Date	Program Content	Venue
January 22, 2019	Participated in the Fair hosted by Miyagi Organization For Industry Promotion and made introductions of the latest research projects in the fields of such as Robots & AI, Medical & Health Care, IoT, Machine Materials, Ecological Renewable Energy and Agri-Bio as well as Next Generation Synchrotron Radiation Facility. In particular, demonstration of a robot designed for disaster recovery enabled us to disseminate our technological capability.	Sendai International Center

### Extension Courses

Tohoku University is constantly making efforts to play a leading role in educational and academic activities in the Tohoku region. Meeting the community's needs, it provides extension courses and public lectures for the lifelong learning of citizens. In FY 2018, the University organized 97 extension courses including on-demand high school classes and 2 public lectures, which were well received in various academic fields. Tohoku University has continued these educational activities made understandable for the public to strengthen cooperation with the community and for the purpose of disseminating information. As a result of these activities Tohoku University has maintained its position as a well-respected university.

### Tohoku University MOOCs

Tohoku University MOOCs (Massive Open Online Courses) allow any member of the community to watch free online lectures on demand, with certificates awarded to those who satisfy the requirements for completion of the courses.

## Students Exchange Programs

For further information, see:  
<https://www.insc.tohoku.ac.jp/>

### Junior Year Program in English (JYPE)

The core of this program is the Individual Research Training course. Students will research current topics related to their fields of study with the support of their assigned research groups.

The program also offers courses on language, culture and society, aimed at promoting understanding of Japanese language and social customs. Cultural and intellectual exchange with professors and students is an integral part of this program and will be accomplished through class work and participation in group activities.

### Cooperative Laboratory Study Program (COLABS)

COLABS is a graduate-level research oriented program that gives international students from partner universities the opportunity to take scientific research training in their assigned research laboratory as well as basic education courses taught in English at Tohoku University. COLABS offers a wide range of research topics in all fields of natural science and students are encouraged to conduct their research in new, interdisciplinary, and scientific fields.

### International Program in Liberal Arts (IPLA)

IPLA provides an opportunity for students to study a variety of Liberal Arts classes taught in English, including Economics, Management, Education, Law, History, and Literature. The program also offers Japanese language and culture classes designed to assist students in understanding Japan in depth. Students who have attained adequate Japanese proficiency may take content area classes taught in Japanese. Cultural and intellectual exchange with Japanese students is an important part of the program and is achieved through frequent interactions both in classes and in extracurricular activities. Committed faculty, staff, and the student support group, "IPLANET" provide extensive support for IPLA students throughout the academic year.

### Direct Enrollment Education Program for Humanities/Social science students (DEEP-Bridge)

DEEP-Bridge is an exchange program for students in humanities and social sciences. Undergraduate students can build up their Japanese, in particular academic Japanese, and study / research in their area in Japanese. They can study a wide range of areas such as law, education, arts, literature, business and economics. Graduate students carry out their research with professors at Tohoku University. The students will develop their research skills and an interdisciplinary perspective.

### Direct Enrollment Education Program for Natural science students (DEEP)

DEEP for Natural Science Course allows international students to take classes and perform research alongside Japanese students. Undergraduates will be able to experience the wide range of fields and highly specialized courses Tohoku University offers through taking General Education and specialized subjects. Graduates will participate in world-class research through their departments' activities in addition to attending lectures. International students will be matched with supervising professors in accordance with their academic interests.

### Double Degree Program with Overseas Institutions

Tohoku University is conducting master's level double degree programs with elite institutes of higher education in France, Sweden, and China to nurture human resources who could contribute to the advancement of the global society. In fiscal year (FY) 2006, the Écoles Centrale Group (composed of five Écoles Centrale [Lille, Lyon, Marseille, Nantes, Paris]) and the Institut National des Sciences Appliquées de Lyon (INSA-Lyon) became our program partners in France, both of which are grandes écoles, leading institutes which attract top students from France and other countries around the world, offering the finest in education. KTH (Royal Institute of Technology), Sweden and Tohoku University signed their MOU for Double Degree program in March, 2009. KTH is a leading technical institution in Europe and conducts extensive international student exchange. Our partner in China is Tsinghua University, an institute of higher learning which is presently attracting much international attention. The Double Degree Programs of Tohoku University deal with the fields of science, engineering, agricultural science, information sciences, and environmental studies.

### Summer Programs

#### Tohoku University STEM Summer Program (TSSP)

The Tohoku University STEM Summer Program (TSSP), Exploring the Frontier of Science & Technology is designed specifically for freshmen and sophomores majoring in science and engineering (STEM). We will provide students with insight on what world society needs based on advanced science and technology in the future and how they can contribute to society through research, and we will offer cutting edge classes in advanced sciences and engineering.

#### Tohoku University Japanese Program (TUJP)

TUJP is for undergraduates who have a strong interest in Japanese language and culture. The proficiency-based Japanese language classes as well as special seminars are designed to help participants understand Japan in depth. Various activities such as field trips, service-learning opportunities, home-stays, and interactions with Japanese students provide the participants many eye-opening experiences.

#### Tohoku University Engineering Summer Program (TESP)

TESP is designed to inspire students in the field of Engineering. The program provides a series of lectures and hands-on activities on the advanced topics, all are taught in English. In addition, the program includes various activities that expose the participants to Japanese culture and enrich their academic experience. The program overall gives participants an insight for their academic future and prepare them to be competent global engineer.

## Project for Establishing University Network for Internationalization

The Future Global Leadership (FGL) program at Tohoku University offers outstanding undergraduate and graduate degree courses that are taught in English. All courses provide curriculums that help students to build a solid foundation in the fundamentals of their chosen fields and to encounter the very latest cutting-edge research. High quality academics combined with horizon-expanding cultural experiences make FGL an excellent choice for students who hope to become international leaders during their academic careers and beyond.

### 24 Courses Taught in English (3 undergraduate level and 21 graduate level)

#### Advanced Molecular Chemistry Course (AMC)

**Fields of Study:** Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical Chemistry, Polymer Chemistry, Biochemistry, Materials Science

**Degree:** Bachelor of Science **URL:** <http://web.tohoku.ac.jp/amc/> **Inquiries:** [amc-office@grp.tohoku.ac.jp](mailto:amc-office@grp.tohoku.ac.jp)

#### International Mechanical and Aerospace Engineering Course-Undergraduate (IMAC-U)

**Fields of Study:** Fluid Dynamics, Thermal Engineering, Materials Engineering, Micro/nanotechnologies, Aerospace Engineering, Robotics, Biomedical Engineering, Information Science, Quantum Science and Energy, Environmental Studies, etc.

**Degree:** Bachelor of Engineering **URL:** <http://g30.eng.tohoku.ac.jp/imac/> **Inquiries:** [imac-u@mech.tohoku.ac.jp](mailto:imac-u@mech.tohoku.ac.jp)

#### Applied Marine Biology (AMB)

**Fields of Study:** Ecology, Oceanography, Physiology, Biochemistry, Molecular Biology, Genetics

**Degree:** Bachelor of Agriculture **URL:** <http://www.agri.tohoku.ac.jp/amb/> **Inquiries:** [kokusai@bios.tohoku.ac.jp](mailto:kokusai@bios.tohoku.ac.jp)

#### International Graduate Program for Advanced Science (IGPAS)

**Fields of Study:** Mathematics, Physics, Astronomy, Geophysics, Chemistry, Earth Science

**Degree:** Master of Science/ Doctor of Philosophy (Science) **URL:** <http://www.sci.tohoku.ac.jp/english/igpas/>  
**Inquiries:** [direct@mail.sci.tohoku.ac.jp](mailto:direct@mail.sci.tohoku.ac.jp)

#### International Post-Graduate Program in Human Security (IPHS)

**Fields of Study:** Food and Agriculture, Public Health, Environment, Society

**Degree:** Master of Agricultural Science / Doctor of Philosophy (Agricultural Science), Master of Environmental Studies/ Doctor of Philosophy (Environmental Studies), Master of Interdisciplinary Studies, Doctor of Philosophy  
**URL:** <http://www.human-security.tohoku.ac.jp>

#### International Environmental Leadership Program (IELP)

**Fields of Study:** "Sustainability Sciences" involving Innovative Technology, Policy Planning and Management

**Degree:** Master of Environmental Studies/ Doctor of Philosophy (Environmental Studies), Master of Interdisciplinary Studies, Doctor of Philosophy **URL:** <http://www.kankyo.tohoku.ac.jp/ielp/>  
**Inquiries:** [ielp\\_admin@grp.tohoku.ac.jp](mailto:ielp_admin@grp.tohoku.ac.jp)

#### International Mechanical and Aerospace Engineering Course-Graduate (IMAC-G)

**Fields of Study:** Mechanical Systems and Design, Nanomechanics, Aerospace Engineering, Bioengineering and Robotics, Quantum Science and Energy Engineering

**Degree:** Master of Engineering/ Doctor of Philosophy (Engineering)  
**URL:** <http://g30.eng.tohoku.ac.jp/imac/graduate/> **Inquiries:** [imac-g@mech.tohoku.ac.jp](mailto:imac-g@mech.tohoku.ac.jp)

#### International Materials Science and Engineering Course (IMSE)

**Fields of Study:** Metallurgy, Materials Science, Materials Processing

**Degree:** Master of Engineering **URL:** <http://g30.eng.tohoku.ac.jp/imse/> **Inquiries:** [eng-in@grp.tohoku.ac.jp](mailto:eng-in@grp.tohoku.ac.jp)

#### Global Program in Economics and Management (GPEM)

**Fields of Study:** Microeconomics, Macroeconomics, Econometrics, Political Economy, International Finance, Environmental Economics, Comparative Economic History, Development Economics, Global Business History, Japanese Business History, International Business, Regional Enterprise, Nonprofit Organizations, Comparative Management, Decision Making, etc.

**Degree:** Master of Economics, Master of Management / Doctor of Philosophy (Economics), Doctor of Philosophy (Management)  
**URL:** <http://www.econ.tohoku.ac.jp/econ/english/page-gpem.html> **Inquiries:** [gpem@grp.tohoku.ac.jp](mailto:gpem@grp.tohoku.ac.jp)

#### International Graduate School of Accounting Policy (IGSAP)

**Fields of Study:** Accounting Policy **Degree:** Master of Accountancy

**URL:** <https://www.econ.tohoku.ac.jp/-IGSAP/english/> **Inquiries:** [igsap\\_office@grp.tohoku.ac.jp](mailto:igsap_office@grp.tohoku.ac.jp)

#### Information Technology and Science Course (ITSC)

**Fields of Study:** Computation Science, Software Science, Firmware Science, Computer Architecture, VLSI System, Communication Theory, Information Security, Information Processing Algorithms, Intelligent Systems, Intelligent Robotics, Communication Technology, Information Networks, etc.

**Degree:** Master of Information Sciences  
**URL:** <https://www.is.tohoku.ac.jp/en/> **Inquiries:** [is-kyom@grp.tohoku.ac.jp](mailto:is-kyom@grp.tohoku.ac.jp)

## Project for Establishing University Network for Internationalization

### Interface Oral Health Science Course (IOHS)

**Fields of Study:** Integration of Molecular Biology, Cellular Biology, Microbiology, Immunology, Materials Science, Biomechanics, Social Science, etc.

**Degree:** Doctor of Philosophy (Dental Science) **URL:** <http://www.dent.tohoku.ac.jp/english/>

**Inquiries:** [international@dent.tohoku.ac.jp](mailto:international@dent.tohoku.ac.jp)

### International Course of Life Sciences (ICLS)

**Fields of Study:** Biomolecular Sciences, Developmental Biology and Neurosciences, Environmental Life Sciences

**Degree:** Master of Life Sciences/ Doctor of Philosophy (Life Sciences)

**URL:** <https://www.lifesci.tohoku.ac.jp/en/> **Inquiries:** [lif-kyom@grp.tohoku.ac.jp](mailto:lif-kyom@grp.tohoku.ac.jp)

### International Graduate Program in Language Sciences (IGPLS)

**Fields of Study:** Linguistics, Applied Linguistics, Language and Culture

**Degree:** Master of International Cultural Studies / Doctor of Philosophy (International Cultural Studies)

**URL:** <http://www.intcul.tohoku.ac.jp/ls/> **Inquiries:** [int-kkdk@grp.tohoku.ac.jp](mailto:int-kkdk@grp.tohoku.ac.jp)

### Basic Medicine Course (BMC)

**Fields of Study:** Basic Medicine, Molecular Biology, Immunology, Biochemistry and Physiology

**Degree:** Master of Medical Science **URL:** <http://www.int-exchange.med.tohoku.ac.jp>

**Inquiries:** [m-daigakuin@grp.tohoku.ac.jp](mailto:m-daigakuin@grp.tohoku.ac.jp)

### Network Medicine Course (NMC)

**Fields of Study:** Biomedical Sciences and Network Medicine

**Degree:** Doctor of Philosophy (Medical Science) **URL:** <http://www.int-exchange.med.tohoku.ac.jp>

**Inquiries:** [m-daigakuin@grp.tohoku.ac.jp](mailto:m-daigakuin@grp.tohoku.ac.jp)

### Data Sciences Program II (DSP II)

**Fields of Study:** Data Sciences

**Degree:** Master of Information Sciences / Doctor of Philosophy (Information Sciences), Master of Life Sciences/ Doctor of Philosophy (Life Sciences), Master of Economics or Master of Management/ Doctor of Philosophy (Economics) or Doctor of Philosophy (Management), Master of Engineering/ Doctor of Philosophy (Engineering)

**URL:** [https://www.is.tohoku.ac.jp/\\_eng/dsp2/index.html](https://www.is.tohoku.ac.jp/_eng/dsp2/index.html) **Inquiries:** [ilo@is.tohoku.ac.jp](mailto:ilo@is.tohoku.ac.jp)

### International Robotics Program (IRP)

**Fields of Study:** Engineering, Information Sciences

**Degree:** Master of Engineering/ Doctor of Engineering

**URL:** <http://g30.eng.tohoku.ac.jp/imac> **Inquiries:** [eng-in@grp.tohoku.ac.jp](mailto:eng-in@grp.tohoku.ac.jp)

### Graduate Program in Global Governance & Sustainable Development (G2SD)

**Fields of Study:** Social Science, Social Engineering, Environmental Studies, International Relations

**Degree:** Master of International Cultural Studies / Doctor of Philosophy (International Cultural Studies)

**URL:** <http://www.intcul.tohoku.ac.jp/g2sd/> **Inquiries:** [int-kkdk@grp.tohoku.ac.jp](mailto:int-kkdk@grp.tohoku.ac.jp)

### Leader Training Program for Developing Biomechanics in Asia (IBP)

**Fields of Study:** Biomechanics **Degree:** Master of Engineering/ Doctor of Engineering

**URL:** <http://g30.eng.tohoku.ac.jp/imac> **Inquiries:** [eng-in@grp.tohoku.ac.jp](mailto:eng-in@grp.tohoku.ac.jp)

### International Civil and Environmental Engineering Course (I-CEEC)

**Fields of Study:** Civil and Environmental Engineering

**Degree:** Master of Engineering/ Doctor of Engineering

**URL:** <http://www.civil.tohoku.ac.jp/english/I-CEEC/index.html> **Inquiries:** [civil.secretary@grp.tohoku.ac.jp](mailto:civil.secretary@grp.tohoku.ac.jp)

### Cross-National Master's Course (CNMC)

**Fields of Study:** Law, Politics **Degree:** Master of Laws

**URL:** <http://www.law.tohoku.ac.jp/english/graduate/cndc/> **Inquiries:** [law-kyom@grp.tohoku.ac.jp](mailto:law-kyom@grp.tohoku.ac.jp)

### Cross-National Doctoral Course (CNDC)

**Fields of Study:** Law, Politics **Degree:** Doctor of Philosophy (Laws)

**URL:** <http://www.law.tohoku.ac.jp/english/graduate/cndc/> **Inquiries:** [law-kyom@grp.tohoku.ac.jp](mailto:law-kyom@grp.tohoku.ac.jp)

### International Graduate School of Pharmaceutical Sciences (IGSPS)

**Fields of Study:** Pharmaceutical Sciences

**Degree:** Master of Pharmaceutical Sciences/ Doctor of Pharmaceutical Sciences

**URL:** <http://www.pharm.tohoku.ac.jp/english/join.html#graduate> **Inquiries:** [kyoumu@mail.pharm.tohoku.ac.jp](mailto:kyoumu@mail.pharm.tohoku.ac.jp)

## Academic Exchange Agreements with Foreign Institutions

### University Level Agreements

Total of 229 institutions

#### (Asia)

##### China

- \* Northeastern University (1983.8.5)
- \* University of Science and Technology of China (1998.6.15)
- \* Tsinghua University, Beijing (1998.8.31)
- \* Nanjing University (1999.9.1)
- \* Peking University (1999.11.10)
- \* Jilin University (2001.3.1)
- \* Zhejiang University (2001.4.9)
- \* Fudan University (2001.4.19)
- \* Wuhan University of Technology (2001.4.30)
- \* Chongqing University (2001.7.4)
- \* Tongji University (2002.8.13)
- \* Ocean University of China (2002.10.21)
- \* University of Science and Technology Beijing (2002.10.25)
- \* Nanjing University of Aeronautics and Astronautics (2003.3.10)
- \* Xiamen University (2005.6.29)
- \* Huazhong University of Science & Technology (2005.10.12)
- \* Xi'an Jiaotong University (2006.8.31)
- \* East China Normal University (2006.9.20)
- \* Beihang University (2006.12.16)
- \* Lanzhou University (2007.4.17)
- \* Tianjin University (2007.6.8)
- \* Dalian University of Technology (2007.6.16)
- \* Yangzhou University (2008.6.20)
- \* Chinese Academy of Social Sciences (2008.10.15)
- \* Southeast University (2009.6.29)
- \* Shanghai Jiao Tong University (2009.10.15)
- \* Beijing University of Technology (2010.10.16)
- \* Beijing University of Posts and Telecommunications (2010.10.17)
- \* The Hong Kong University of Science and Technology (2011.2.1)
- \* Shanghai Ocean University (2011.12.5)
- \* China University of Geosciences (Wuhan) (2012.2.6)
- \* City University of Hong Kong (2012.3.17)
- \* Dongbei University of Finance and Economics (2013.3.19)
- \* Shanghai University (2014.5.7)
- \* Southwest University (2018.1.3)
- \* Sichuan University (2018.6.26)
- \* The University of Hong Kong (2019.3.16)

##### India

- \* Indian Institute of Technology Bombay (2000.8.21)
- \* Indian Institute of Science (2008.12.18)

##### Indonesia

- \* Universitas Indonesia (2004.3.19)
- \* Gadjah Mada University (2006.12.16)
- \* Institut Teknologi Bandung (2008.6.4)
- \* Bogor Agricultural University (2010.3.23)
- \* University of Brawijaya (2014.9.24)
- \* Padjadjaran University (2016.1.21)
- \* Sepuluh Nopember Institute of Technology (2018.12.21)

##### Malaysia

- \* University of Malaya (2016.1.21)

##### Mongolia

- \* The Mongolian Academy of Sciences (2000.8.21)
- \* Mongolian University of Science and Technology (2001.11.16)

##### Singapore

- \* National University of Singapore (2000.9.16)

##### South Korea

- \* Chonbuk National University (1991.11.12)
- \* Seoul National University (1998.7.8)
- \* Gwangju Institute of Science and Technology (2000.8.21)
- \* Pukyong National University (2000.8.21)
- \* Pohang University of Science and Technology (POSTECH) (2000.9.22)
- \* Korea Advanced Institute of Science and Technology (KAIST) (2001.4.24)
- \* Chungnam National University (2001.7.9)
- \* Kyungpook National University (2002.9.2)
- \* Yeungnam University (2003.12.3)
- \* Chosun University (2004.3.18)
- \* Korea University (2004.3.31)
- \* Changwon National University (2005.10.2)
- \* Sogang University (2007.2.2)
- \* Yonsei University (2007.5.29)
- \* Kongju National University (2007.7.29)

- \* Chung-Ang University (2008.3.27)
- \* Kyung Hee University (2010.3.5)
- \* Sungkyunkwan University (2012.3.15)
- \* Kookmin University (2012.4.10)
- \* Korea Institute of Science and Technology (KIST) (2016.8.23)

##### Sri Lanka

- \* University of Moratuwa (2015.9.16)

##### Taiwan

- \* National Taiwan University (2000.11.18)
- \* National Chung Cheng University (2003.11.14)
- \* National Cheng Kung University (2005.8.9)
- \* National Chiao Tung University (2005.12.15)
- \* National Chung Hsing University (2009.3.30)
- \* National Tsing Hua University, Hsinchu (2009.12.2)
- \* National Chengchi University (2011.4.22)
- \* Soochow University (2014.8.8)
- \* National Central University (2015.2.24)

##### Thailand

- \* Asian Institute of Technology (1998.11.9)
- \* Suranaree University of Technology (2001.3.1)
- \* King Mongkut's Institute of Technology Ladkrabang (2004.4.15)
- \* Chulalongkorn University (2011.2.3)
- \* Thammasat University (2012.4.5)
- \* Chiang Mai University (2012.4.10)
- \* King Mongkut's University of Technology Thonburi (2012.11.26)
- \* Thai-Nichi Institute of Technology (2014.8.19)

##### Vietnam

- \* Vietnam National University, Hanoi (2009.7.6)
- \* Foreign Trade University (2013.8.15)
- \* Ho Chi Minh City University of Technology (2014.10.14)
- \* Thuyloi University (2019.2.23)

#### (Middle East)

##### Iran

- \* University of Tehran (1999.8.25)

##### Turkey

- \* Istanbul Technical University (2011.10.3)
- \* Ege University (2017.7.13)

#### (Africa)

##### Morocco

- \* Université Mohammed V in Rabat (2001.4.30)

##### South Africa

- \* The University of KwaZulu-Natal (2010.12.20)
- \* University of Johannesburg (2016.8.19)

#### (Oceania)

##### Australia

- \* The University of Sydney (1993.1.8)
- \* The University of New South Wales (2001.4.7)
- \* The Australian National University (2002.7.16)
- \* The University of Melbourne (2014.11.7)
- \* Macquarie University (2017.7.13)

##### New Zealand

- \* The University of Auckland (2002.11.15)

#### (North America)

##### Canada

- \* University of Waterloo (2006.10.30)
- \* University of Ottawa (2009.6.26)
- \* Queen's University (2016.8.24)
- \* The University of British Columbia (2018.8.17)

##### United States of America

- \* Pennsylvania State University (1988.11.29)
- \* University of California, Berkeley (1990.3.15)
- \* University of California, Davis
- \* University of California, Irvine
- \* University of California, Los Angeles
- \* University of California, Merced

## University Level Agreements

- \* University of California, Riverside
- \* University of California, San Diego
- \* University of California, San Francisco
- \* University of California, Santa Barbara
- \* University of California, Santa Cruz
- \* University of Washington (1996.7.3)
- \* Purdue University (1997.9.23)
- \* University of Alaska (1999.1.12)
- \* Colorado School of Mines (2004.1.7)
- \* Syracuse University (2008.11.19)
- \* Institute of International Education (2009.1.27)
- \* Temple University (2010.6.7)
- Harvard University (2010.7.22)
- \* Texas A&M University (2011.9.13)
- \* University of Hawai'i at Mānoa (2012.3.11)
- National Institutes of Health of the Department of Health and Human Services (2013.5.9)
- \* University at Albany, State University of New York (2014.5.1)
- \* University of North Carolina Charlotte (2014.12.25)
- \* Case Western Reserve University (2015.7.29)
- \* Michigan State University (2015.9.25)
- \* University of Maryland, College Park (2016.2.22)
- \* University of Montana (2016.9.22)
- Rice University (2017.7.21)
- \* University of Denver (2017.10.17)
- \* Baylor University (2018.2.26)
- \* Georgia Institute of Technology (2018.3.16)
- \* Stony Brook University, The State University of New York (2019.2.8)

### (South and Central America)

#### Venezuela

- \* Universidad Simón Bolívar (2008.1.8)

### (Europe)

#### Austria

- \* Ge4 - Global Education: Exchanges for Engineers and Entrepreneurs (2002.11.14)
- \* Universität Wien (2010.2.24)

#### Belgium

- Belgian Nuclear Research Centre (SCK/CEN) (2005.6.16)

#### Czech Republic

- \* Czech Technical University in Prague (2016.5.9)

#### Finland

- \* Aalto University (2001.11.5)
- \* University of Oulu (2004.8.9)
- \* Tampere University of Technology (2006.1.31)
- \* University of Turku (2016.11.29)

#### France

- \* Sorbonne Université (1999.8.19)
- \* Université Rennes 2 Haute Bretagne (1999.12.3)
- \* Communauté Université Grenoble-Alpes (2000.3.31)
- \* Université de Strasbourg (2000.3.31)
- \* Université de Rennes 1 (2000.12.20)
- \* Institut National des Sciences Appliquées de Lyon (2004.7.13)
- \* Université Bordeaux (2005.7.28)
- \* École Centrale de Lille (2006.2.13)
- \* École Centrale de Lyon
- \* École Centrale de Marseille
- \* École Centrale de Nantes
- \* CentraleSupélec
- \* École des Mines d'Albi-Carmaux (2006.9.12)
- \* Institut d'Études Politiques de Lyon (2008.6.6)
- \* École Normale Supérieure de Lyon (2008.8.11)
- \* Université Lumière Lyon 2 (2009.10.20)
- \* Université de Technologie Compiègne (2010.3.15)
- \* École Nationale Supérieure des Mines de Saint-Étienne (2012.4.5)
- \* Institut Polytechnique de Bordeaux (2013.7.5)
- Université de Lyon (2013.9.9)
- \* Institut National des Langues et Civilisations Orientales (INALCO) (2017.1.31)
- \* Université Paris Diderot (2017.9.21)
- \* Université de Lorraine (2018.2.26)

#### Germany

- \* Rheinisch-Westfälische Technische Hochschule Aachen (1998.5.19)
- \* Technische Universität Dortmund (1999.3.2)
- \* Universität des Saarlandes (1999.10.5)
- \* Technische Universität Darmstadt (2003.4.30)

- \* Georg-August-Universität Göttingen (2003.10.23)
- \* Technische Universität Dresden (2006.6.26)
- \* Technische Universität Berlin (2009.8.26)
- \* Technische Universität München (2010.8.3)
- \* Karlsruher Institut für Technologie (2011.1.18)
- \* Technische Universität Kaiserslautern (2012.2.1)
- \* Ruprecht-Karls-Universität Heidelberg (2012.2.2)
- \* Johannes Gutenberg-Universität Mainz (2012.2.6)
- Deutsches Zentrum für Luft- und Raumfahrt e.V. (2013.3.1)
- \* Universität Paderborn (2013.8.21)
- \* Technische Universität Chemnitz (2013.10.31)
- \* Universität Regensburg (2017.3.16)
- \* Carl von Ossietzky Universität Oldenburg (2017.7.13)

#### Italy

- Università degli Studi di Roma "La Sapienza" (1990.9.27)
- \* Università degli Studi di Firenze (2009.8.21)
- \* Politecnico di Torino (2010.11.24)
- \* Università degli Studi di Napoli Federico II (2012.3.28)
- \* Politecnico di Milano (2013.5.14)
- \* Università Ca' Foscari Venezia (2018.3.14)

#### Netherlands

- \* University of Groningen (2011.11.17)
- \* University of Twente (2015.8.21)
- \* Delft University of Technology (2016.1.11)

#### Portugal

- \* Universidade Nova de Lisboa (2017.9.18)

#### Russia

- \* Siberian Branch of the Russian Academy of Sciences (1992.8.10)
- \* Lomonosov Moscow State University (1998.2.19)
- \* Novosibirsk State University (2003.7.4)
- Far Eastern Branch of Russian Academy of Sciences (2012.1.23)
- \* Far Eastern Federal University (2012.3.19)
- \* National Research University Higher School of Economics (2014.9.30)
- \* Saint-Petersburg University (2014.10.1)

#### Spain

- \* University of Granada (2012.9.27)
- \* Universidad de Valladolid (2014.6.11)
- Universidad Complutense de Madrid (2017.12.28)
- \* University of Salamanca (2018.5.20)

#### Sweden

- \* Umeå University (1997.8.18)
- \* KTH Royal Institute of Technology (2000.9.20)
- \* Uppsala University (2002.3.20)
- \* Stockholm University (2003.1.14)
- \* Chalmers University of Technology (2006.4.19)

#### Switzerland

- \* École Polytechnique Fédérale de Lausanne (2000.11.20)
- Eidgenössische Technische Hochschule Zürich (2010.7.21)
- \* Université de Genève (2015.10.20)

#### Ukraine

- \* National Technical University of Ukraine "Kyiv Polytechnic Institute" (2004.6.2)

#### United Kingdom

- The School of Oriental and African Studies, University of London (1989.4.10)
- The University of Nottingham (2001.5.15)
- \* The University of York (2004.06.07)
- \* The University of Sheffield (2009.8.21)
- University College London (UCL) (2013.11.21)
- \* University of East Anglia (2018.12.14)

### (International Organization)

#### International Organization

- ITER International Fusion Energy Organization (2013.12.24)
- United Nations University Institute for Environment and Human Security (UNU-EHS) (2017.10.17)
- United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS) (2018.3.8)

(\* indicates institutions with which TU has mutually agreed to waive fees)  
(indicated in parentheses is the date on which the agreement was concluded.)

## Department Level Agreements

## 62 countries and regions, 472 institutions

(as of May 2019)

Area	Country / Region	Institution	Department	Year
Asia	Bangladesh (2)	* University of Dhaka, Department of Accounting and Information Systems	Graduate School of Economics and Management / Faculty of Economics	2015/04/24
		University of Dhaka, Faculty of Biological Science	Graduate School of Agricultural Science / Faculty of Agriculture	2014/04/27
China (83)		Beijing Hospital	Graduate School / School of Medicine	1994/11/16
		* Beijing Normal University, Faculty of Education	Graduate School / Faculty of Education	2013/05/08
		China Medical University	Graduate School / School of Medicine	1982/09/29
		China University of Petroleum (East China), College of Mechanical and Electronic Engineering	Graduate School / School of Engineering	2019/02/27
		* China University of Political Science and Law, Business School	Graduate School of Economics and Management / Faculty of Economics	2015/06/10
		* China University of Political Science and Law, School of Political Science and Public Administration	Graduate School of Economics and Management / Faculty of Economics	2015/05/15
		Chinese Academy of Sciences, Changchun Institute of Optics, Fine Mechanics and Physics	Institute of Multidisciplinary Research for Advanced Materials	2000/12/26
		* Chinese Academy of Sciences, Institute of Chemistry	Graduate School / School of Engineering	2006/11/06
		Chinese Academy of Sciences, Institute of Chemistry	Advanced Institute for Materials Research	2010/04/12
		Chinese Academy of Sciences, Institute of Physics	Institute of Fluid Science	2001/05/21
		Chinese Academy of Sciences, Institute of Semiconductors	Research Institute of Electrical Communication	2007/04/12
		Chinese Academy of Sciences, Shanghai Institute of Organic Chemistry	Graduate School of Agricultural Science / Faculty of Agriculture	2005/06/07
		Chinese Academy of Social Sciences, Institute of Law	Graduate School / School of Law	2003/07/03
		* Chongqing University of Technology, Chongqing Institute of Automobile	Institute of Fluid Science	2012/07/09
		Dalian Stomatological Hospital	Graduate School / School of Dentistry	2013/04/01
		* Dalian University of Technology, Graduate School	Graduate School / School of Engineering	2000/06/12
		* Dongbei University of Finance and Economics, School of Accounting	Graduate School of Economics and Management / Faculty of Economics	2005/05/01
		* East China Normal University, School of Education Science	Graduate School / Faculty of Education	2013/11/29
		* East China Normal University, School of Psychology and Cognitive Science	Graduate School / Faculty of Education	2013/11/29
		* East China University of Science and Technology, School of Mechanical and Power Engineering	Graduate School / School of Engineering	2010/07/25
		* Fujian Medical University School of Stomatology	Graduate School / School of Dentistry	2013/04/01
		Guang Dong Institute of Ethnic and Religious Studies	Center for Northeast Asian Studies	2001/06/25
		* Guizhou University, School of Management	Graduate School of Economics and Management / Faculty of Economics	2015/06/30
		* Hangzhou Normal University	Graduate School / Faculty of Education	2013/03/29
		* Harbin Institute of Technology	Graduate School / School of Engineering	1996/08/03
		Harbin Institute of Technology, School of Computer Science & Technology	Graduate School of Information Sciences	2010/07/05
		* Harbin Medical University	Graduate School / School of Medicine	2000/06/21
		* Hebei Normal University, Business College	Graduate School of Economics and Management / Faculty of Economics	2016/01/11
		Huaqiao University, College of Material Science and Engineering	Institute of Multidisciplinary Research for Advanced Materials	2001/06/05
		* Hunan University, College of Finance and Statistics	Graduate School of Economics and Management / Faculty of Economics	2009/04/26
		Inner Mongolia Normal University, Mongolia Study Institute	Center for Northeast Asian Studies	2008/04/01
		Inner Mongolia Normal University, Tourism College	Center for Northeast Asian Studies	2011/09/28
		Inner Mongolia University, School of Mongolian Studies	Center for Northeast Asian Studies	2008/09/22
		* Jiangnan University, Junyuan College	Graduate School / School of Engineering	2016/03/10
		Liaoning Cancer Hospital and Liaoning Cancer Institute	Institute of Development, Aging and Cancer	1998/12/07
		Minzu University of China, the Department of Mongolian Language and Literature	Center for Northeast Asian Studies	2014/02/25
		* Nanjing Audit University, School of Audit and Accounting	Graduate School of Economics and Management / Faculty of Economics	2015/04/15
		* Nanjing Normal University, School of Education Science	Graduate School / Faculty of Education	2010/11/25
		* Nanjing Normal University, School of Psychology	Graduate School / Faculty of Education	2013/11/27
		* Nanjing University, School of Chemistry and Chemical Engineering	Graduate School / Faculty of Science	2014/03/28
		* Nankai University, College of Economic and Social Development	Graduate School of International Cultural Studies	2017/06/30
		* Nankai University, College of Foreign Language	Graduate School / Faculty of Arts and Letters	2015/12/16
		* Nankai University, College of Foreign Language	Graduate School of International Cultural Studies	2015/12/16
		* Nankai University, Institute of Japan Studies	Graduate School / Faculty of Arts and Letters	2016/02/25
		National Center for Nanoscience and Technology	Graduate School / School of Medicine	2015/01/18
		Northeastern University	Graduate School / School of Engineering	1981/11/23
* Northeast Normal University, Faculty of Education	Graduate School / Faculty of Education	2014/11/14		
* Northeast Normal University, MBA Education Center, Master of Professional Accounting (MPAcc)	Graduate School of Economics and Management / Faculty of Economics	2015/09/29		
* Northeast Normal University, School of Business	Graduate School of Economics and Management / Faculty of Economics	2015/03/17		
* Ocean University of China, Fisheries College	Graduate School of Agricultural Science / Faculty of Agriculture	2001/12/25		
Peking University, Center for Nanoscale Science and Technology	Institute of Multidisciplinary Research for Advanced Materials	1998/11/05		
Peking University, Center of Japanese Studies	Graduate School / Faculty of Education	1999/05/18		
* Qingdao University of Science and Technology, College of Environment and Safety Engineering	Graduate School / School of Engineering	2017/02/24		
* Renmin University of China, School of Business	Graduate School of Economics and Management / Faculty of Economics	2004/10/14		
* Shandong University, School of Foreign Languages and Literature	Graduate School / Faculty of Arts and Letters	2018/10/25		

## Academic Exchange Agreements with Foreign Institutions

### Department Level Agreements

Area	Country / Region	Institution	Department	Year		
Asia	China (83)	* Shanghai Jiao Tong University, College of Stomatology	Graduate School / School of Dentistry	2016/05/12		
		* Shanghai Jiao Tong University, School of Environmental Science and Engineering	Graduate School of Environmental Studies	2013/11/12		
		* Shanghai Ocean University	Graduate School of Agricultural Science / Faculty of Agriculture	2002/10/31		
		* Sichuan University, Business School	Graduate School of Economics and Management / Faculty of Economics	2015/08/14		
		* Sichuan University, School of Economics	Graduate School of Economics and Management / Faculty of Economics	2015/09/08		
		* Sichuan University, School of Public Administration	Graduate School of Economics and Management / Faculty of Economics	2015/09/06		
		Sichuan University, West China School of Pharmacy	Graduate School / Faculty of Pharmaceutical Sciences	2010/02/17		
		Sichuan University, West China School of Stomatology	Graduate School / School of Dentistry	2006/09/28		
		* Soochow University, College of Pharmaceutical Sciences	Graduate School / Faculty of Pharmaceutical Sciences	2014/12/22		
		* South China University of Technology, School of Electronic and Information Engineering, School of Architecture and School of Mechanical and Automotive Engineering	Graduate School / School of Engineering	2016/07/07		
		* Southeast University, School of Economics and Management	Graduate School of Economics and Management / Faculty of Economics	2010/07/27		
		* Southwest Jiaotong University, School of Public Administration	Graduate School of Economics and Management / Faculty of Economics	2015/04/16		
		Southwest University, Faculty of Materials and Energy	Institute of Multidisciplinary Research for Advanced Materials	2017/03/22		
		* Southwest University of Political Science and Law	Graduate School / School of Law	2016/06/07		
		* Sun Yet-sen University, Guanghua School of Stomatology	Graduate School / School of Dentistry	2018/03/12		
		The Hong Kong University of Science and Technology, School of Science	Advanced Institute for Materials Research	2010/04/01		
		* The University of Hong Kong, Faculty of Dentistry	Graduate School / School of Dentistry	2015/11/16		
		* The University of Hong Kong, Li Ka Shing Faculty of Medicine	Graduate School / School of Medicine	2013/11/01		
		* Tianjin Medical University, Dental College and Dental Hospital	Graduate School / School of Dentistry	2010/07/08		
		* Tianjin Medical University and TEDA International Cardiovascular Hospital	Graduate School / School of Medicine	2015/05/05		
		* University of Electronic Science and Technology of China	Graduate School / School of Engineering	2009/06/22		
		* Wuhan University, School of Philosophy	Graduate School / Faculty of Arts and Letters	2015/03/19		
		* Wuhan University, School of Philosophy	Graduate School of Economics and Management / Faculty of Economics	2018/05/31		
		* Wuhan University, School of Stomatology	Graduate School / School of Dentistry	2018/12/21		
		* Xi'an International Studies University, School of Japanese Culture and Economy	Graduate School / Faculty of Arts and Letters	2017/05/10		
		* Xi'an University of Architecture and Technology, School of Environmental and Municipal Engineering	Graduate School of Environmental Studies	2013/12/19		
		* Xidian University	Graduate School / School of Engineering	1999/08/12		
		Zhengzhou University, College of Materials Engineering	Institute of Multidisciplinary Research for Advanced Materials	2003/06/16		
		India (4)		Indian Institute of Science Education and Research Bhopal	Graduate School of Biomedical Engineering	2019/04/05
				* Indian Institute of Technology Madras	Graduate School / School of Engineering	2013/12/16
				National Chemical Laboratory, Pune	Graduate School / School of Engineering	1999/04/28
		Indonesia (21)		* Vokkaligara Sangha Dental College & Hospital	Graduate School / School of Dentistry	2014/07/01
				Aceh Tsunami Museum	International Research Institute of Disaster Science	2016/11/22
				* Airlangga University, Faculty of Dental Medicine	Graduate School / School of Dentistry	2015/02/16
				* Al-Khairaat University and Anutapura Hospital, School of Medicine	Graduate School / School of Medicine	2017/07/05
				Gadjah Mada University, Faculty of Agriculture	Graduate School of Environmental Studies	2014/06/11
				* Gadjah Mada University, Faculty of Cultural Sciences	Graduate School / Faculty of Arts and Letters	2016/02/10
				* Gadjah Mada University, Graduate School	Graduate School / Faculty of Arts and Letters	2016/06/30
				* Hasanuddin University, Faculty of Agriculture	Graduate School of Agricultural Science / Faculty of Agriculture	2015/03/16
				* Indonesian Institute of Sciences	Graduate School / School of Engineering	2006/03/14
				* Institute of Technology Bandung (ITB)	Graduate School / School of Engineering	2000/03/24
				Institute of Technology Bandung (ITB)	Graduate School of Environmental Studies	2008/01/17
				* Islamic State University Syarif Hidayatullah Jakarta, Faculty of Medicine and Health Sciences	Graduate School / School of Medicine	2016/09/29
* Padjadjaran University, Faculty of Mathematics and Natural Sciences	Graduate School / School of Engineering			2011/01/31		
* Padjadjaran University, Graduate School	Graduate School of Agricultural Science / Faculty of Agriculture			2010/03/18		
* Sepuluh Nopember Institute of Technology (ITS)	Graduate School / School of Engineering			2006/12/21		
Syiah Kuala University, Faculty of Mathematics and Natural Sciences	International Research Institute of Disaster Science			2014/06/01		
Syiah Kuala University, Tsunami Disaster Mitigation Research Center (TDMRC)	International Research Institute of Disaster Science			2016/11/22		
* Universitas Jember, Faculty of Dentistry	Graduate School / School of Dentistry			2017/06/15		
* Universitas Pendidikan Indonesia, Faculty of Education and School of Graduate Studies	Graduate School / Faculty of Education			2017/03/10		
* Universitas Sumatera Utara, Faculty of Dentistry	Graduate School / School of Dentistry			2018/10/22		
* University of Brawijaya, Faculty of Mathematics and Natural Sciences	Graduate School / Faculty of Science			2013/11/17		
* University of Mataram	Graduate School / School of Engineering	2016/08/16				

(\* indicates institutions which agree upon a mutual application, matriculation and tuition waivers for students from the partner institution.)



(as of May 2019)

Area	Country / Region	Institution	Department	Year
Asia	Malaysia (2)	Monash University Sunway Campus	Graduate School of Biomedical Engineering	2014/01/06
		Universiti Teknologi Malaysia, Faculty of Civil Engineering	Graduate School of Environmental Studies	2015/12/21
	Mongolia (5)	* Mahdakh Burtgel University, Department of Accounting and Finance	Graduate School of Economics and Management / Faculty of Economics	2015/04/16
		* Mongolian Academy of Medical Sciences	Graduate School / School of Medicine	2010/03/24
		* Mongolian National University of Medical Sciences, School of Dentistry	Graduate School / School of Dentistry	2015/01/05
		* Mongolian State University of Agriculture	Graduate School of Agricultural Science / Faculty of Agriculture	2013/02/28
		Mongolian University of Science and Technology, Geoscience Center	Center for Northeast Asian Studies	2000/10/02
	Nepal (1)	Tribhuvan University, Institute of Medicine	International Research Institute of Disaster Science	2016/11/01
	Philippines (4)	Angeles Unviersity Foundation	International Research Institute of Disaster Science	2014/11/03
		* Mindanao State University, Iligan Institute of Technology (MSU-IIT)	Graduate School / School of Engineering	1999/09/09
		Research Institute for Tropical Medicine	Graduate School / School of Medicine	2013/01/25
		University of the Philippines Manila	International Research Institute of Disaster Science	2014/06/20
	Singapore (4)	* Nanyang Technological University, College of Engineering	Graduate School / School of Engineering	2010/10/12
		Nanyang Technological University, School of Mechanical and Aerospace Engineering	Institute of Fluid Science	2000/04/14
		Singapore Spintronics Consortium (SG-SPIN)	Center for Spintronics Research Network	2017/03/27
		Temasek Polytechnic	Institute of Development, Aging and Cancer	2013/07/15
	South Korea (33)	* Chonnam National University, College of Engineering	Graduate School / School of Engineering	2007/11/12
		Chonnam National University, School of Dentistry	Graduate School / School of Dentistry	1991/08/30
		Chungbuk National University, College of Pharmacy	Graduate School / Faculty of Pharmaceutical Sciences	1998/11/23
		* Chungnam National University, College of Engineering	Graduate School / School of Engineering	2000/07/20
		Dong-eui University, Research Center for Electronics Ceramics	Institute for Materials Research	2002/05/31
		* Dongguk University, College of Liberal Arts	Graduate School / Faculty of Arts and Letters	2012/07/04
		Hallym University, Institute of Japanese Studies	Graduate School / Faculty of Arts and Letters	2018/12/15
		Hannam University, Institute of Hybrid Materials for Information and Biotechnology	Institute of Multidisciplinary Research for Advanced Materials	2003/01/17
		* Hanyang University, College of Engineering and Graduate School	Graduate School / School of Engineering	2007/01/09
		* Hanyang University, College of Engineering Science	Institute of Fluid Science	2012/04/03
		Jeju National University, College of Agriculture	Graduate School of Agricultural Science / Faculty of Agriculture	1984/08/07
		* Konkuk University, Graduate School, College of Engineering, College of Architecture, College of Information and Telecommunications, College of Life and Environmental Science	Graduate School / School of Engineering	2010/07/22
		* Kookmin University, College of Social Sciences	Graduate School / School of Law	2004/07/22
		Korea Advanced Institute of Science and Technology, Electronic Components Materials Design Education Center (EMDEC)	Institute for Materials Research	2000/05/11
		Korea Atomic Energy Research Institute	Institute for Materials Research	2018/11/14
		Korea Institute of Science and Technology (KIST)	Institute for Materials Research	1989/11/15
		* Korea Institute of Science and Technology (KIST), Future Convergence Research Division	Graduate School / School of Medicine	2014/11/10
		Korea Maritime University, College of Engineering	Institute for Materials Research	2009/04/15
		Korea Polar Research Institute	Graduate School / Faculty of Science	2017/12/11
		Korea University, Center for Japanese Studies	Center for Northeast Asian Studies	2008/04/25
		Korea University, Chinese Studies Institute	Center for Northeast Asian Studies	2008/04/25
		* Korea University, College of Education	Graduate School / Faculty of Education	2011/12/10
		Korean Institute of Radiological & Medical Sciences-Research Institute of Radiological and Medical Science	Cyclotron and Radioisotope Center	2017/12/18
		* Kumoh National Institute of Technology	Graduate School / School of Engineering	2015/04/27
		Myongji University, Graduate School of Social Education	Graduate School / Faculty of Education	2000/03/17
		* Pukyong National University	Graduate School / School of Engineering	1995/02/13
		Pusan National University, Institute for Materials Technology	Institute for Materials Research	1996/10/28
		* Seoul National University, College of Education	Graduate School / Faculty of Education	2014/03/28
		Seoul National University, School of Mechanical and Aerospace Engineering	Institute of Fluid Science	2013/06/20
		Suncheon National University, College of Life Science and Natural Resources	Graduate School of Life Sciences	2002/08/07
		Sungkyunkwan University, Advanced Materials & Process Research Center for IT	Institute of Multidisciplinary Research for Advanced Materials	2003/06/09
		* Woosong University, College of Health and Welfare	Graduate School / Faculty of Education	2010/04/23
		* Yonsei University, College of Dentistry / School of Dentistry	Graduate School / School of Dentistry	2016/09/08
	* Yonsei University, College of Engineering	Graduate School / School of Engineering	1999/08/24	
Sri Lanka (1)	* University of Sri Jayewardenepura, Department of Public Administration	Graduate School of Economics and Management / Faculty of Economics	2017/02/16	
Taiwan (39)	Academia Sinica, Institute of Chinese Literature and Philosophy	Graduate School / Faculty of Arts and Letters	2004/09/24	
	Academia Sinica, Institute of Earth Sciences	Graduate School / Faculty of Science	2008/12/04	
	Academia Sinica, Institute of History and Philology	Graduate School / Faculty of Arts and Letters	2003/08/05	
	Academia Sinica, Institute of Physics	Cyclotron and Radioisotope Center	2008/02/27	
	Academia Sinica, Institute of Sociology	Graduate School / Faculty of Arts and Letters	2013/04/15	
	* Chang Gung University, College of Engineering	Institute of Fluid Science	2011/07/20	

# Academic Exchange Agreements with Foreign Institutions

## Department Level Agreements

Area	Country / Region	Institution	Department	Year	
Asia	Taiwan (39)	Chang Gung University, Healthy aging research center	Institute of Development, Aging and Cancer	2018/12/18	
		* Fu Jen Catholic University, College of Foreign Languages	Graduate School / Faculty of Arts and Letters	2008/12/24	
		Industrial Technology Research Institute, Information and Communications Research Laboratories	Research Organization of Electrical Communication	2013/11/22	
		Industrial Technology Research Institute Southern Region Campus	Graduate School / School of Engineering	2010/01/25	
		Industrial Technology Research Institute Southern Region Campus	Institute of Multidisciplinary Research for Advanced Materials	2009/11/27	
		* Kainan University, School of Informatics	Graduate School of Information Sciences	2009/05/05	
		* Kaohsiung Medical University, College of Dental Medicine	Graduate School / School of Dentistry	2018/03/29	
		* Kaohsiung University, College of Humanities and Social Sciences	Graduate School / Faculty of Arts and Letters	2012/04/01	
		Metal Industries Research & Development Centre	Institute for Materials Research	2015/12/18	
		National Applied Research Laboratories, National Nano Device Laboratories	Institute of Fluid Science	2004/07/21	
		National Changhua University of Education, College of Management	Graduate School of Economics and Management / Faculty of Economics	2018/03/05	
		* National Chengchi University, College of Education	Graduate School / Faculty of Education	2012/09/03	
		* National Chengchi University, College of Social Sciences	Graduate School of Economics and Management / Faculty of Economics	2010/06/10	
		* National Chi Nam University, College of Science and Technology	Graduate School of Information Sciences	2015/02/26	
		* National Dong Hwa University, College of Management	Graduate School of Economics and Management / Faculty of Economics	2015/07/13	
		* National Sun Yat-sen University, College of Liberal Arts	Graduate School / Faculty of Arts and Letters	1999/04/03	
		* National Taipei University, College of Law	Graduate School / School of Law	2017/07/03	
		* National Taipei University, School of Business	Graduate School of Economics and Management / Faculty of Economics	2010/07/26	
		* National Taipei University of Technology, College of Engineering	Graduate School / Faculty of Science	2015/05/02	
		National Taipei University of Technology, College of Engineering	Institute of Multidisciplinary Research for Advanced Materials	2018/04/23	
		* National Taitung University, Teachers College	Graduate School / Faculty of Education	2008/12/05	
		* National Taiwan Normal University, College of Education	Graduate School / Faculty of Education	2011/03/04	
		National Taiwan University, Center for Artificial Intelligence and Advanced Robotics	Research Institute of Electrical Communication	2018/07/31	
		National Taiwan University, Center for Weather Climate and Disaster Research	International Research Institute of Disaster Science	2015/03/17	
		* National Taiwan University, College of Social Sciences	Graduate School of Economics and Management / Faculty of Economics	2015/03/23	
		* National Taiwan University, School of Dentistry	Graduate School / School of Dentistry	2016/10/07	
		* National Yang-Ming University, School of Dentistry	Graduate School / School of Dentistry	2016/10/07	
		* Soochow University, School of Business	Graduate School of Economics and Management / Faculty of Economics	2007/09/27	
		* Taipei Medical University, College of Medicine	Graduate School / School of Medicine	2013/05/27	
		* Taipei Medical University, College of Oral Medicine	Graduate School / School of Dentistry	2017/04/15	
		* Taipei Medical University, College of Pharmacy	Graduate School / Faculty of Pharmaceutical Sciences	2013/11/15	
		Taipei Medical University, College of Public Health and Nutrition	Graduate School of Agricultural Science / Faculty of Agriculture	2006/04/28	
		* Tamkang University	Graduate School / School of Engineering	2015/12/10	
		Thailand (20)	* Chiangmai University, Faculty of Dentistry	Graduate School / School of Dentistry	2019/01/11
			* Chiang Mai University, Faculty of Science	Institute of Multidisciplinary Research for Advanced Materials	2008/06/09
			Chiang Mai University, Faculty of Science, Plasma and Beam Physics Research Facility, Faculty of Science	Research Center for Electron Photon Science	2016/12/06
			* Chulalongkorn University, Faculty of Allied Health Sciences	Graduate School / School of Medicine	2018/01/23
			* Chulalongkorn University, Faculty of Dentistry	Graduate School / School of Dentistry	2014/12/09
			* Kasetsart University, Faculty of Engineering	Graduate School / School of Engineering	2013/11/11
	Kasetsart University, Faculty of Engineering		Graduate School of Environmental Studies	2017/02/24	
	* Kasetsart University, Faculty of Fisheries		Graduate School of Agricultural Science / Faculty of Agriculture	2002/02/24	
	Khon Kaen University, Faculty of Dentistry		Graduate School / School of Dentistry	2015/02/19	
	* Khon Kaen University, Faculty of Management Science		Graduate School of Economics and Management / Faculty of Economics	2010/08/02	
	* Khon Kaen University, Faculty of Public Health		Graduate School / School of Engineering	2019/01/09	
	* Mahidol University, Faculty of Medicine, Ramathibodi Hospital		Graduate School / School of Medicine	2013/11/01	
	National Institute of Development Administration, Graduate School of Language and Communication,		Graduate School of International Cultural Studies	2019/03/04	
	* Prince of Songkla University, Faculty of Dentistry		Graduate School / School of Dentistry	2015/01/05	
	* Prince of Songkla University, Faculty of Engineering		Graduate School / School of Engineering	2001/01/16	
	* Siam University, Faculty of Liberal Arts		Graduate School / Faculty of Arts and Letters	2016/02/24	
	* Thai-Nichi Institute of Technology		Graduate School of Economics and Management / Faculty of Economics	2007/10/23	
	* Thammasat University, Faculty of Medicine		Graduate School / School of Medicine	2018/04/03	
	* Thammasat University, Sirindhorn International Institute of Technology (SIIT)		Graduate School of Information Sciences	2008/01/21	
	* Thammasat University, Sirindhorn International Institute of Technology (SIIT)		Graduate School / School of Engineering	2015/12/22	
	Vietnam (7)		* Foreign Trade University, Faculty of International Economics	Graduate School of Economics and Management / Faculty of Economics	2010/01/14
			* Hanoi University of Technology	Graduate School / School of Engineering	2009/03/27

(\* indicates institutions which agree upon a mutual application, matriculation and tuition waivers for students from the partner institution.)

(as of May 2019)

Area	Country / Region	Institution	Department	Year	
Asia	Vietnam (7)	* Thuyloi University	Graduate School / School of Engineering	2007/01/30	
		* Vietnam Academy of Science and Technology, Graduate University of Science and Technology	Graduate School / School of Engineering	2017/05/12	
		* Vietnamese Academy of Science and Technology, Institute of Materials Science	Graduate School / School of Engineering	2008/02/14	
		* Vietnam Atomic Energy Institute	Graduate School / School of Engineering	2017/11/16	
		* Vietnam National University - Ho Chi Minh City, University of Science	Graduate School / School of Engineering	2009/07/20	
Middle and Near East	Iran (1)	* Shiraz University, Engineering School	Graduate School / School of Engineering	2002/03/01	
	Kuwait (1)	Kuwait Institute for Scientific Research (KISR)	Institute of Multidisciplinary Research for Advanced Materials	2013/02/18	
	United Arab Emirates (1)	United Arab Emirates University, College of Medicine & Health Sciences	Institute of Development, Aging and Cancer	2016/07/10	
Africa	Egypt (2)	Alexandria University, Smouha Emergency and Accident Hospital(SEAH)	Institute of Fluid Science	2017/11/30	
		* Egypt-Japan University of Science and Technology (E-JUST)	Graduate School / School of Engineering	2013/05/12	
	Kenya (1)	* KCA University, School of Business and Public Management	Graduate School of Economics and Management / Faculty of Economics	2015/05/05	
	Nigeria (1)	* University of Nigeria, Nsukka, Faculty of Physical Sciences	Graduate School / Faculty of Science	2016/02/26	
	South Africa (2)	* Rhodes University, Faculty of Science	Graduate School / Faculty of Science	2013/09/16	
		* University of the Witwatersrand, Johannesburg	Graduate School / Faculty of Science	2017/04/19	
Oceania	Australia (4)	Griffith University, School of Medicine	Graduate School / School of Medicine	2015/07/02	
		* Macquarie University	Graduate School / School of Engineering	2015/06/17	
		Macquarie University, The Australian School of Advanced Medicine	Institute of Development, Aging and Cancer	2014/04/15	
		The University of Sydney	Institute of Development, Aging and Cancer	2017/02/14	
	New Zealand (2)	Institute of Geological and Nuclear Sciences Limited (GNS Science)	Graduate School / Faculty of Science	2008/03/19	
		Institute of Geological and Nuclear Sciences Limited (GNS Science)	International Research Institute of Disaster Science	2014/09/01	
North America	Canada (9)	Concordia University of Edmonton	Graduate School / School of Medicine	2016/02/08	
		McGill University, McGill Metal Processing Center	Institute of Multidisciplinary Research for Advanced Materials	1998/11/30	
		McGill University, Montreal Neurological Institute	Institute of Development, Aging and Cancer	2010/06/08	
		* Polytechnique Montréal	Graduate School / School of Engineering	2017/10/12	
		University of British Columbia, Faculty of Dentistry	Graduate School / School of Dentistry	2001/04/23	
		University of Toronto, Department of Metallurgy and Materials Science	Institute of Multidisciplinary Research for Advanced Materials	1998/12/01	
		* University of Toronto, Faculty of Applied Science & Engineering	Graduate School / School of Engineering	2016/09/07	
		University of Toronto, Institute for Aerospace Studies	Institute of Fluid Science	1994/06/20	
		* University of Victoria, Faculty of Engineering	Graduate School of Information Sciences	2009/12/21	
		U. S. A. (29)	Carnegie Institution of Washington, Geophysical Laboratory	Graduate School / Faculty of Science	2008/12/01
			Columbia University, Department of Chemistry	Institute of Multidisciplinary Research for Advanced Materials	1995/11/22
			Columbia University, Department of Earth and Environmental Engineering, Fu Foundation School of Engineering and Applied Science	Institute of Multidisciplinary Research for Advanced Materials	1998/10/15
			Harvard University, The Edwin O. Reischauer Institute of Japanese Studies	International Research Institute of Disaster Science	2014/06/13
	Massachusetts Institute of Technology, Research Laboratory of Electronics and Microsystems Technology Laboratories		Graduate School / School of Engineering	2015/01/09	
	Massachusetts Institute of Technology, Research Laboratory of Electronics and Microsystems Technology Laboratories		Institute for Materials Research	2015/01/09	
	Massachusetts Institute of Technology, Research Laboratory of Electronics and Microsystems Technology Laboratories		Research Institute of Electrical Communication	2015/01/09	
	Massachusetts Institute of Technology, Research Laboratory of Electronics and Microsystems Technology Laboratories		Institute of Multidisciplinary Research for Advanced Materials	2015/01/09	
	Northeastern University, College of Engineering		Institute of Fluid Science	2013/09/19	
	Portland State University		Graduate School of Economics and Management / Faculty of Economics	2014/12/09	
	Rutgers University, WINLAB (Wireless Network Laboratory)		Research Institute of Electrical Communication	2009/12/09	
	* State University of New York, University at Albany		Graduate School of Economics and Management / Faculty of Economics	2012/08/06	
	Syracuse University, College of Engineering		Institute of Fluid Science	2001/06/15	
	Texas A&M University, College of Agriculture and Life Sciences		Graduate School of Agricultural Science / Faculty of Agriculture	2018/02/06	
	* The City College of New York, The Grove School of Engineering		Graduate School / School of Engineering	2010/12/13	
	The Forsyth Institute		Graduate School / School of Dentistry	2005/12/09	
	* The Ohio State University, College of Arts and Science	Graduate School / Faculty of Arts and Letters	2016/08/01		
	* The Ohio State University, College of Arts and Science	Graduate School / Faculty of Arts and Letters	2017/08/01		
	University of California, Los Angeles (UCLA), Institute for Pure and Applied Mathematics (IPAM)	Advanced Institute for Materials Research	2012/08/02		
	University of California, Riverside, Bourns College of Engineering	Graduate School / School of Engineering	2017/03/22		
* University of Hawai'i at Mānoa, College of Social Sciences	Graduate School of Economics and Management / Faculty of Economics	2017/03/27			
University of Illinois, Bioacoustics Research Laboratory, College of Engineering	Graduate School / School of Engineering	1988/08/29			
University of Illinois, Bioacoustics Research Laboratory, College of Engineering	Institute of Development, Aging and Cancer	1988/08/29			
University of Illinois at Chicago	Graduate School / Faculty of Science	2000/05/01			

## Academic Exchange Agreements with Foreign Institutions

### Department Level Agreements

Area	Country / Region	Institution	Department	Year
North America	U. S. A. (29)	* University of Illinois at Urbana-Champaign, Department of Electrical and Computer Engineering of College of Engineering	Graduate School of Biomedical Engineering	2013/07/29
		University of Kentucky, College of Engineering	Institute of Fluid Science	2008/11/17
		University of Utah, Department of Metallurgical Engineering	Institute of Multidisciplinary Research for Advanced Materials	1998/11/15
		* University of Wyoming	Graduate School / School of Engineering	2016/12/01
		* University of Wyoming, College of Engineering	Graduate School / School of Engineering	2005/06/22
Central and South America	Argentina (1)	Centro de Referencia para Lactobacilos	Graduate School of Agricultural Science / Faculty of Agriculture	2016/10/17
	Brazil (1)	Federal University of Rio Grande do Sul, Faculty of Law and LL.M. Program	Graduate School / School of Law	2002/09/02
	Chile (2)	* University of Atacama	Graduate School / School of Engineering	2006/03/22
		* University of Concepcion	Graduate School / School of Engineering	2009/04/07
	Cuba (1)	Cuban Neuroscience Center	Institute of Development, Aging and Cancer	2008/03/11
	Mexico (1)	* National Polytechnic Institute	Graduate School / School of Engineering	2000/03/30
	Peru (1)	* Universidad Nacional de Ingeniería, Centro Peruano Japonés de Investigaciones Sísmicas y Mitigación de Desastres	International Research Institute of Disaster Science	2018/03/20
Europe	Austria (1)	* The Management Center Innsbruck	Graduate School of Economics and Management / Faculty of Economics	2019/01/25
	Belarus (1)	National Academy of Sciences of Belarus, A.V. Luikov Heat and Mass Transfer Institute	Institute of Fluid Science	2016/02/05
	Belgium (7)	* Ghent University, Faculty of Arts and Philosophy	Graduate School / Faculty of Arts and Letters	2014/12/16
		* Katholieke Universiteit Leuven, Faculty of Engineering Science	Graduate School / School of Engineering	2015/04/30
		Katholieke Universiteit Leuven, Faculty of Medicine and Biomedical Sciences Group	Graduate School of Life Sciences	2017/10/23
		Katholieke Universiteit Leuven, Faculty of Medicine and Biomedical Sciences Group	Graduate School / School of Medicine	2017/10/23
		* Université catholique de Louvain, Faculty of Sciences	Graduate School / Faculty of Science	2007/08/29
		* Université Libre de Bruxelles, Ecole Polytechnique de Bruxelles	Graduate School / School of Engineering	2016/10/12
		* Université Libre de Bruxelles, Faculté d'Architecture La Cambre - Horta	Graduate School / School of Engineering	2010/09/02
	Croatia (1)	* Juraj Dobrila University of Pula	Graduate School / Faculty of Arts and Letters	2016/04/01
	Czech Republic (6)	Czech Academy of Science, Institute of Physics	Institute for Materials Research	2017/03/24
		Czech Academy of Science, Institute of Plasma Physics	Institute of Fluid Science	2000/01/25
		* Masaryk University, Faculty of Medicine	Graduate School / School of Medicine	2008/05/28
		Masaryk University, Faculty of Medicine	Institute of Development, Aging and Cancer	2008/05/28
		Masaryk University, Faculty of Science	Graduate School of Life Sciences	2002/10/22
		* Technical University Ostrava, VSB	Graduate School / School of Engineering	1997/11/10
	Denmark (4)	* Aalborg University, Center for TeleInfrastructur (CTIF)	Graduate School / School of Engineering	2010/11/26
		* Technical University of Denmark	Graduate School / School of Engineering	2000/04/13
		University of Copenhagen, Center for Healthy Aging	Institute of Development, Aging and Cancer	2012/09/26
		* University of Copenhagen, Department of Economics	Graduate School of Economics and Management / Faculty of Economics	2014/06/12
	Estonia (1)	* Tallin University of Technology, Tallin School of Economics and Business Administration	Graduate School of Economics and Management / Faculty of Economics	2015/05/27
	Finland (6)	* Aalto University, School of Arts, Design and Architecture	Graduate School / School of Engineering	2018/03/05
		* Turku University of Applied Sciences, Faculty of Business, ICT and Chemical Engineering	Graduate School of Biomedical Engineering	2017/12/06
		* Turku University of Applied Sciences, Faculty of Telecommunication and e-Business	Graduate School / School of Engineering	2010/02/22
		* University of Eastern Finland, Faculty of Health Sciences, School of Pharmacy	Graduate School / Faculty of Pharmaceutical Sciences	2016/07/13
		University of Oulu, Institute of Dentistry, Faculty of Medicine	Graduate School / School of Dentistry	2007/04/13
		* University of Turku, The Faculty of Social Sciences	Graduate School / Faculty of Arts and Letters	2011/11/01
	France (22)	Albi-Carmaux School of Engineering	Institute of Multidisciplinary Research for Advanced Materials	1999/10/04
		* Ecole d'Ingénieur du Littoral Côte d'Opale (Université du Littoral Côte d'Opale)	Graduate School / School of Engineering	2017/02/14
		* Ecole Nationale Supérieure de Chimie de Rennes	Graduate School / Faculty of Science	2016/01/04
		* École Nationale Supérieure de l'électronique et de ses applications (ENSEA)	Graduate School / School of Engineering	2016/09/19
		* École Nationale Supérieure d'Informatique pour l'Industrie et l'Entreprise (ENSIIIE)	Graduate School / School of Engineering	2013/05/29
		* Institut National des Sciences Appliquées de Toulouse	Graduate School / School of Engineering	2006/06/13
		* Institut National Polytechnique de Toulouse (INPT)	Graduate School / School of Engineering	2015/12/09
		* Institut Supérieur de l'Aéronautique et de l'Espace	Graduate School / School of Engineering	2013/12/18
		* National and Superior School of Architecture of Montpellier	Graduate School / School of Engineering	2007/07/12
		National Center of Scientific Research, The Interdisciplinary Center on Nanoscience of Marseille	Research Institute of Electrical Communication	2005/10/24
		Orange	Research Organization of Electrical Communication	2013/01/09

(\* indicates institutions which agree upon a mutual application, matriculation and tuition waivers for students from the partner institution.)

(as of May 2019)

Area	Country / Region	Institution	Department	Year
Europe	France (22)	Synchrotron SOLEIL	Institute of Multidisciplinary Research for Advanced Materials	2013/06/27
		Telecom Paris Tech	Research Institute of Electrical Communication	2017/10/25
		* Université Claude Bernard Lyon 1	Graduate School / Faculty of Science	2011/09/09
		* Université Claude Bernard Lyon 1	Graduate School / School of Engineering	2016/04/25
		* Université de Montpellier	Graduate School / School of Engineering	2017/09/26
		University Claude Bernard-Lyon 1, Physical Chemistry of Luminescent Materials Laboratory	Institute for Materials Research	1999/11/25
		University of Nantes, Institute of Materials Jean Rouxel	Institute of Multidisciplinary Research for Advanced Materials	2014/12/08
		* University of Rouen Normandie, Faculty of Science and Engineering	Graduate School / Faculty of Pharmaceutical Sciences	2016/09/19
		* University of Technology of Troyes	Graduate School / School of Engineering	2008/06/13
		* University Paris1	Graduate School / School of Law	2018/5/3
		* Versailles Saint-Quentin-en-Yvelines University	Graduate School / School of Engineering	2011/05/26
	Germany (30)	DLR, German Aerospace Center, DFD, German Remote Sensing Data Center	International Research Institute of Disaster Science	2012/05/23
		* FH Aachen University of Applied Sciences, Department of Aerospace Engineering	Graduate School / School of Engineering	2016/10/17
		* FH Aachen University of Applied Sciences, Institute of Nano- and Biotechnologies (INB)	Graduate School / School of Engineering	2019/04/14
		Fraunhofer Institute for Algorithms and Scientific Computing SCAI, Institute for Mechanics of Materials IWM	Advanced Institute for Materials Research	2013/08/06
		Fraunhofer Institute for Electronic Nano Systems (ENAS)	Advanced Institute for Material Research	2011/11/08
		* Fraunhofer Institute for Nondestructive Testing	Institute of Fluid Science	2012/09/26
		Free University of Berlin, Department of Physics	Institute of Multidisciplinary Research for Advanced Materials	1997/11/03
		Friedrich Schiller University of Jena, Institute of Solid State Physics	Institute of Multidisciplinary Research for Advanced Materials	1999/07/27
		Helmholtz-Zentrum Berlin	Institute for Materials Research	2018/07/02
		IHP-Innovations for High Performance Microelectronics	Research Institute of Electrical Communication	2001/01/22
		Institute for Crystal Growth	Institute of Multidisciplinary Research for Advanced Materials	2006/10/17
		* Johannes Gutenberg University Mainz, Faculty of Physics, Mathematics, and Computer Science	Graduate School / Faculty of Science	2012/05/03
		* Karlsruhe Institute of Technology	Graduate School of Information Sciences	2009/10/26
		Max Planck Institute for Chemical Physics of Solids and Max Planck Institute of Microstructure Physics	Institute for Materials Research	2017/03/10
		Max Planck Institute for Nuclear Physics	Institute of Multidisciplinary Research for Advanced Materials	2009/12/24
		* Reutlingen University, ESB Business School	Graduate School of Economics and Management / Faculty of Economics	2017/01/10
		* Technical University Hamburg-Harburg	Graduate School / School of Engineering	1997/05/15
		* Technische Universität Carolo-Wilhelmina zu Braunschweig	Graduate School / School of Engineering	2018/01/08
		* University of Bayreuth	Graduate School / Faculty of Science	2016/02/05
		* University of Bonn, Faculty of Arts	Graduate School of Economics and Management / Faculty of Economics	2013/06/26
		* University of Erlangen-Nuremberg, Faculty of Engineering Sciences	Graduate School / School of Engineering	2004/10/05
		* University of Freiburg, Institute of Microsystem Technology	Graduate School / School of Engineering	1999/06/08
		University of Göttingen, Faculty of Law	Graduate School / School of Law	2000/11/27
		* University of Greifswald, Faculty of Mathematics and Natural Sciences, Institute of Pharmacy	Graduate School / Faculty of Pharmaceutical Sciences	2017/03/16
		University of Heidelberg, Faculty of Law	Graduate School / School of Law	2003/09/16
		* University of Hildesheim, Faculty of Cultural Studies and Aesthetic Communication	Graduate School / Faculty of Arts and Letters	2018/03/13
		* University of Paderborn, Faculty of Business Administration and Economics	Graduate School of Economics and Management / Faculty of Economics	2011/01/20
		* University of Regensburg, Department of Physics	Graduate School / School of Engineering	2009/09/22
		* University of Stuttgart, Faculty of Energy Technology, Process Engineering and Biological Engineering	Graduate School / School of Engineering	2011/04/26
		* Wuppertal University, Faculty of Mathematics and Natural Sciences	Graduate School / Faculty of Science	2012/01/23
		Greece (1)	National Technical University of Athens, School of Mechanical Engineering	Institute of Fluid Science
Hungary (4)	* Semmelweis University, Faculty of Medicine	Institute of Fluid Science	2014/09/04	
	Szent István University, Faculty of Agricultural and Environmental Science	Graduate School of Agricultural Science / Faculty of Agriculture	1990/07/02	
	The Hungarian Academy of Sciences, Research Institute for Technical Physics and Materials Science	Institute of Fluid Science	1999/04/26	
University of Miskolc, Faculty of Materials Science and Engineering	Institute of Multidisciplinary Research for Advanced Materials	2014/06/19		
Iceland (1)	* Reykjavik University, School of Computer Science	Graduate School of Information Sciences	2010/06/26	
Italy (19)	Alma Mater Studiorum Università di Bologna, Department of Education Studies "Giovanni Maria Bertin"	Graduate School / Faculty of Arts and Letters	2015/04/20	
	Elettra-Sincrotrone Trieste S.C.p.A.	Institute of Multidisciplinary Research for Advanced Materials	2007/08/29	
	* Scuola Normale Superiore, Centro di Ricerca Matematica Ennio De Giorgi	Graduate School / Faculty of Science	2013/06/25	
	* Università Ca' Foscari Venezia, Dipartimento di Studi sull'Asia e sull'Africa Mediterranea	Graduate School / Faculty of Arts and Letters	2014/06/05	
	* University of Ferrara	Graduate School / Faculty of Science	2012/06/27	

## Academic Exchange Agreements with Foreign Institutions

### Department Level Agreements

Area	Country / Region	Institution	Department	Year
Europe	Italy (19)	* University of L'Aquila, Department of Life, Health and Environmental Science	Graduate School of Agricultural Science / Faculty of Agriculture	2004/02/09
		University of Milan, Faculty of Law	Graduate School / School of Law	2003/06/12
		* University of Milan, Faculty of Pharmacy	Graduate School / Faculty of Pharmaceutical Sciences	2003/07/16
		* University of Napoli "L'Orientale"	Graduate School / Faculty of Arts and Letters	2014/07/18
		* University of Padova, Department of Philosophy, Sociology	Graduate School / Faculty of Arts and Letters	2015/08/01
		* University of Rome "La Sapienza", Faculty of Architecture	Graduate School / School of Engineering	2012/04/05
		* University of Rome "La Sapienza", Faculty of Information Engineering, Informatics and Statistics	Graduate School / School of Engineering	2010/07/26
		* University of Rome "La Sapienza", Faculty of Information Engineering, Informatics and Statistics	Graduate School of Information Sciences	2010/07/28
		* University of Rome "La Sapienza", Faculty of Literature and Philosophy	Graduate School / Faculty of Arts and Letters	2010/03/15
		* University of Rome "La Sapienza", Faculty of Mathematics, Physics and Natural Sciences	Graduate School / Faculty of Science	2017/03/24
		* University of Rome "La Sapienza", Faculty of Oriental Studies	Graduate School / Faculty of Arts and Letters	2008/02/28
		* University of Trento, Department of Industrial Engineering, Department of Information Engineering and Computer Science,	Graduate School / School of Engineering	2017/10/06
		University of Trieste, Department of Engineering and Architecture	Institute of Fluid Science	2002/06/28
		University of Turin, Department of Psychology	Institute of Development, Aging and Cancer	2011/07/21
	Kazakhstan (1)	Institute of Combustion Problems	Institute of Fluid Science	2016/04/15
	Kyrgyz Republic (1)	International University of Kyrgyzstan	Graduate School of International Cultural Studies	1998/02/20
	Luxembourg (1)	* University of Luxembourg, Faculty of Sciences, Technology and Communication	Graduate School / School of Engineering	2017/11/29
	Netherlands (11)	* Eindhoven University of Technology	Graduate School of Information Sciences	2016/03/30
		Erasmus University Rotterdam, Erasmus Medical Center, Department of Epidemiology	Tohoku Medical Megabank Organization	2014/08/11
		* Erasmus University Rotterdam, Thorax Centre Erasmus MC	Graduate School of Biomedical Engineering	2010/03/23
		* Leiden University, The Faculty of Humanities	Graduate School / Faculty of Arts and Letters	2011/02/15
		* Maastricht University, Faculty of Health, Medicine and Life Sciences	Graduate School / School of Medicine	2014/05/30
		University College Utrecht	Graduate School / Faculty of Arts and Letters	2018/09/26
		* University of Amsterdam, Faculty of Science	Graduate School / Faculty of Science	2013/07/11
		* University of Groningen, Faculty of Economics and Business	Graduate School of Economics and Management / Faculty of Economics	2012/09/20
		* Utrecht University, Focus Programme Future Food Utrecht	Graduate School of Agricultural Science / Faculty of Agriculture	2017/01/19
		* Wageningen University, Graduate School Wageningen Institute of Animal Sciences	Graduate School of Agricultural Science / Faculty of Agriculture	2016/01/28
		* Wageningen University, Graduate School Wageningen Institute of Experimental Plant Sciences	Graduate School of Agricultural Science / Faculty of Agriculture	2016/10/26
	Norway (4)	* Norwegian University of Science and Technology (NTNU), Faculty of Medicine and Health Sciences	Graduate School of Life Sciences	2017/04/28
		* Norwegian University of Science and Technology (NTNU), Faculty of Medicine and Health Sciences	Graduate School / School of Medicine	2017/04/27
		* Norwegian University of Science and Technology (NTNU), Faculty of Natural Sciences, Faculty of Engineering	Graduate School / School of Engineering	2017/10/16
		University of Bergen, Faculty of Medicine and Dentistry	Institute of Development, Aging and Cancer	2017/05/10
	Poland (8)	* AGH University of Science and Technology	Graduate School / School of Engineering	2017/06/07
		Institute of Vacuum Technology	Institute for Materials Research	2000/06/09
		* Jagiellonian University, Faculty of International and Political Studies	Graduate School / Faculty of Arts and Letters	2015/09/30
Maria Curie-Skłodowska University, Faculty of Law		Graduate School / School of Law	2003/09/19	
Polish Academy of Sciences, Institute of Physics		Institute for Materials Research	2000/12/08	
Polish Academy of Sciences, Institute of Physics		Research Institute of Electrical Communication	1976/08/03	
* Wroclaw University of Technology		Graduate School / School of Engineering	2013/02/27	
* Wroclaw University of Technology	Institute of Fluid Science	2014/06/10		
Portugal (1)	* Universidade de Lisboa, Instituto Superior Técnico	Graduate School / School of Engineering	2017/05/12	
Romania (1)	National Institute for Lasers, Plasma and Radiation Physics	Institute of Multidisciplinary Research for Advanced Materials	2006/08/04	
Russia (20)	* Bauman Moscow State Technical University, Institute of Radio Electronics and Laser Technology / Research and Educational Center "Photonics and Infrared Technology"	Research Institute of Electrical Communication	2014/06/26	
	Russian Academy of Sciences, General Physics Institute	Institute for Materials Research	1993/01/27	
	Russian Academy of Sciences, Institute of Solid State Physics	Institute of Multidisciplinary Research for Advanced Materials	1993/10/01	
	Russian Academy of Sciences, P.N.Lebedev Physical Institute	Institute of Multidisciplinary Research for Advanced Materials	2000/07/21	
	Russian Academy of Sciences, P.N.Lebedev Physical Institute	Institute of Fluid Science	2017/10/15	
	Russian Academy of Sciences, Vernadsky Institute of Geochemistry and Analytical Chemistry (GEOKHI) / Lomonosov Moscow State University, Chemistry Department	Institute of Multidisciplinary Research for Advanced Materials	2013/09/02	
	Far Eastern Branch of the Russian Academy of Sciences, Economic Research Institute	Center for Northeast Asian Studies	2005/09/01	
	Far Eastern Branch of the Russian Academy of Sciences, Institute for Automation and Control Processes	Institute of Multidisciplinary Research for Advanced Materials	2005/12/01	
	Siberian Branch of the Russian Academy of Sciences, Institute for Humanities Research and Indigenous Studies of the North	Center for Northeast Asian Studies	2009/09/30	

(\* indicates institutions which agree upon a mutual application, matriculation and tuition waivers for students from the partner institution.)

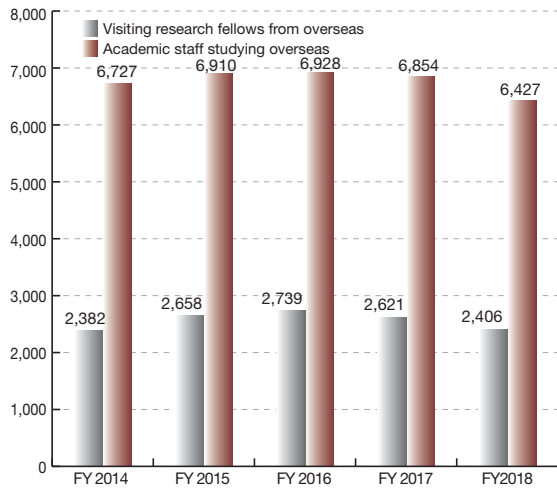
(as of May 2019)

Area	Country / Region	Institution	Department	Year	
Europe	Russia (20)	Siberian Branch of the Russian Academy of Sciences, V.N. Sukachev Institute of Forest	Center for Northeast Asian Studies	2002/10/01	
		Siberian Branch of the Russian Academy of Sciences, V.S. Sobolev Institute of Geology and Mineralogy	Graduate School / Faculty of Science	2008/11/07	
		* Immanuel Kant Baltic Federal University, Institute of Physics & Technology	Frontier Research Institute for Interdisciplinary Sciences	2015/01/30	
		Faculty of Physics of Lomonosov Moscow State University	Institute of Fluid Science	2018/06/08	
		Faculty of Physics of Lomonosov Moscow State University	Research Institute of Electrical Communication	2018/06/08	
		Faculty of Physics of Lomonosov Moscow State University	Institute of Multidisciplinary Research for Advanced Materials	2018/06/08	
		* Lomonosov Moscow State University, Faculty of Psychology	Graduate School / Faculty of Arts and Letters	2013/10/09	
		* Nizhny Novgorod State Agricultural Academy	Graduate School of Agricultural Science / Faculty of Agriculture	2015/04/21	
		Smolensk State Medical Academy	Institute of Development, Aging and Cancer	2003/07/18	
		* St. Petersburg Electrotechnical University	Research Institute of Electrical Communication	2016/11/22	
		Tomsk Polytechnic University, Research Institute of Nuclear Physics	Institute of Multidisciplinary Research for Advanced Materials	1997/12/01	
		Slovakia (1)	* University of Zilina, Faculty of Electrical Engineering	Graduate School / School of Engineering	2017/06/13
		Slovenia (2)	Jozef Stefan Institute, Ljubljana	Institute for Materials Research	2000/10/05
			* University of Ljubljana, Engineering Related Four Faculties	Graduate School / School of Engineering	1998/06/03
		Spain (8)	* Institute for Research in Biomedicine (IRB Barcelona)	Graduate School / Faculty of Pharmaceutical Sciences	2016/08/01
			Universidad Autónoma de Madrid, Chemistry Department	Institute of Multidisciplinary Research for Advanced Materials	2013/06/26
			Universidad de Alicante, Materials Institute	Institute of Multidisciplinary Research for Advanced Materials	2014/02/21
			* Universitat Politècnica de Catalunya, Escola Tècnica Superior D'enginyeria Industrial de Barcelona	Graduate School / School of Engineering	2016/04/11
			* Universitat Politècnica de Catalunya, Escola Superior d'Enginyeries Industrial, Aeroespacial i Audiovisual de Terrassa,	Graduate School / School of Engineering	2017/07/18
			University of Castilla-La Mancha (UCLM)	Institute of Development, Aging and Cancer	2017/12/19
			University of Vigo	Research Institute of Electrical Communication	2011/02/25
			University of Vigo, Faculty of Science	Graduate School of Agricultural Science / Faculty of Agriculture	1996/11/26
		Sweden (6)	* KTH Royal Institute of Technology	Graduate School / School of Engineering	1990/05/22
			Linköping University, The Institute for Analytical Sociology	Graduate School / Faculty of Arts and Letters	2015/05/07
			* Linköping University, The Institute of Technology	Graduate School / School of Engineering	1998/04/02
			* Mälardalen University, School of Innovation, Design and Engineering	Graduate School / School of Engineering	2016/03/10
			* Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine	Graduate School of Agricultural Science / Faculty of Agriculture	2002/05/22
			* University of Gothenburg, Sahlgrenska Academy Institute of Odontology	Graduate School / School of Dentistry	2018/05/25
		Switzerland (1)	Swiss Federal Institute of Technology at Lausanne	Graduate School / School of Engineering	1994/07/29
		Ukraine (1)	National Academy of Science of Ukraine, Institute for Problems of Materials Science	Institute of Multidisciplinary Research for Advanced Materials	2006/09/20
		United Kingdom (13)	King's College London, Dental Institute	Graduate School / School of Dentistry	2006/08/01
			Science and Technology Facilities Council, Daresbury Laboratory	Institute of Multidisciplinary Research for Advanced Materials	1996/10/01
			* The University of Manchester, School of Mechanical, Aerospace and Civil Engineering, Faculty of Engineering and Physical Science	Graduate School / School of Engineering	2007/03/26
			University of Cambridge, Department of Chemistry	Advanced Institute for Materials Research	2011/01/18
			* University of Cambridge, Department of Engineering	Graduate School / School of Engineering	2016/11/11
			University of Cambridge, Department of Materials Science and Metallurgy (MSM)	Advanced Institute for Materials Research	2010/01/26
			* University of East Anglia, School of Health Sciences	Graduate School / School of Medicine	2018/09/24
			* University of East Anglia, School of Pharmacy	Graduate School / Faculty of Pharmaceutical Sciences	2017/11/29
			* University of East Anglia, School of Politics, Philosophy, Language & Communication Studies	Graduate School / School of Law	2018/06/29
			University of Leicester, Faculty of Social Sciences	Graduate School of Economics and Management / Faculty of Economics	2001/02/12
			University of London, Institute of Education	Graduate School / Faculty of Education	1999/04/26
			University of Reading, School of Psychology and Clinical Language Science	Institute of Development, Aging and Cancer	2016/09/14
	University of York, Department of Educational Studies		Graduate School / Faculty of Education	2005/02/04	
	Uzbekistan (1)	Tashkent State University of Economics	Graduate School of International Cultural Studies	1998/03/04	
	International Organization (1)	The United Nations Development Programme (UNDP)	International Research Institute of Disaster Science	2015/08/04	

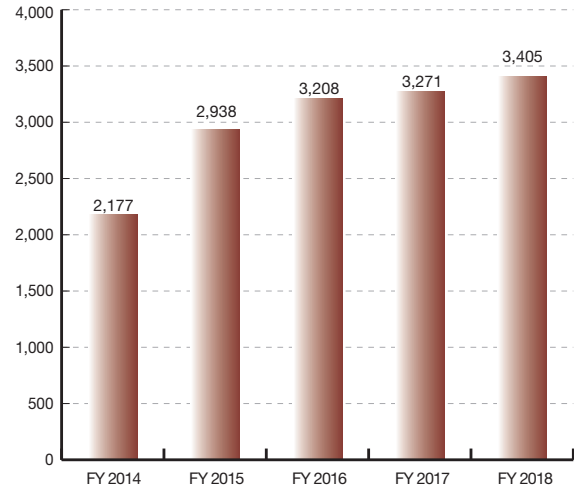
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## Statistics on Personnel Exchange

### Academic Exchange



### Number of International Students

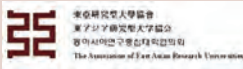


## University Consortia

For further information, see:  
<http://ie.bureau.tohoku.ac.jp/consortia?lang=en>

### AEARU

(The Association of East Asian Research Universities)  
 Established: 1996 Membership since: 1998  
 Countries/Regions: 4 Participating Institutions: 19



AEARU was established in 1996 with the goals of forming a forum for the presidents of leading research-oriented universities and carrying out mutual exchanges between the major universities in East Asia. Expectations are that this regional consortium, on the basis of common academic cultural backgrounds among member universities, will contribute not only to the development of higher education and research but also to the opening up of a new era leading to cultural economic and social progress in the region.

### APRU

(Association of Pacific Rim Universities)  
 Established: 1997 Membership since: 2008  
 Economies: 17 Participating Institutions: 48



APRU was established in 1997 with the aim of fostering cooperation in education and research contributing to the economic, scientific and cultural advancement and has grown rapidly to become a reputable international organization of leading research universities in 17 economies of the Pacific Rim. As the Voice of Knowledge and Innovation for the Asia-Pacific region, APRU brings together leaders, researchers, and policy-makers to exchange ideas and collaborate on effective solutions to the challenges of the 21st century. As part of Tohoku University's active participation, we have taken on the role of regional program hub for APRU's Multi-Hazards Program from 2013.

### HeKKSaGOn

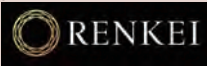
The German-Japanese University Alliance: Heidelberg, Kyoto, Karlsruhe, Tohoku (in Sendai), Göttingen, Osaka-network  
 Established: 2010 Membership since: 2010  
 Participating Institutions: 6



HeKKSaGOn, a German-Japanese University Network founded in 2010, is a bilateral university network composed of three Japanese and three German research-intensive universities (Kyoto, Osaka, Tohoku; Göttingen, Heidelberg and Karlsruhe) that aims to further develop international cooperation and the exchange of ideas in education, research and innovation to further advance science, technology, industry and culture between member universities. It brings together two of the world's high-tech countries facing similar challenges in society like Global Change and Adaptation.

### RENKEI

(Japan-UK Research and Education Network for Knowledge Economy) Initiatives  
 Established: 2012 Membership since: 2012  
 Participating Institutions: 12



RENKEI, the Japan-UK Research and Education Network for Knowledge Economy Initiatives, is a bilateral consortium that was formed in 2012 by leading universities from Japan and the UK under the support of the British Council. Its aim is to further knowledge exchange and research collaboration between institutions and individuals. This group of leading research intensive universities in the two countries will also develop collaborations with industry, governments and society to address global research challenges. The six participating Japanese universities are Osaka, Kyushu, Kyoto, Tohoku, Nagoya and Ritsumeikan. From the United Kingdom, the six members are Edinburgh, Southampton, Newcastle, Nottingham, Leeds and Liverpool.

### T.I.M.E.

Top Industrial Managers for Europe  
 Established: 1989 Membership since: 2007  
 Participating Institutions: 56



T.I.M.E. was established in 1989 as an international network of leading higher educational institutions which specializes in engineering. Its door has been open for non-European institutions since 2005 and Tohoku University was accepted as the first Asian member together with Keio University in 2007. It is now composed of 57 member institutions from 23 countries. Its main focus is on master-level Double Degree Programs and it now has over 5,000 bilingual, bicultural engineer graduates. T.I.M.E. launches other innovative exchange programs through task forces formed by member institutions to foster internationally competitive engineers for tomorrow's world.



## Facilities Worldwide

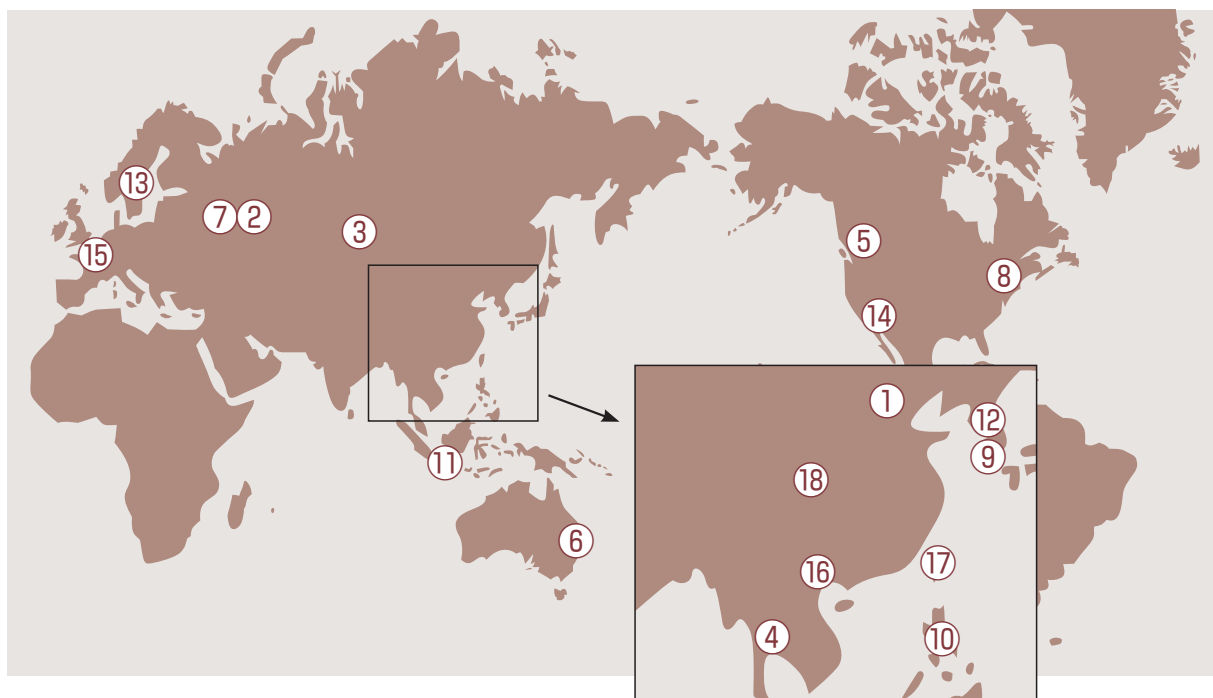
### Overseas Offices

Overseas Office	Established Date
① Tohoku University China Office (Beijing)	(April 20, 2007)
② Tohoku University Russia Office (Japanese Inter-University Russia Office) (Moscow)	(September 11, 2010)
③ Tohoku University Russia Office Siberia Branch (Novosibirsk)	(September 11, 2010)

Overseas Office	Established Date
④ Tohoku University Thailand Office (Bangkok)	(March 14, 2016)
⑤ University of Washington-Tohoku University: Academic Open Space (UW-TU: AOS) (Seattle)	(April 14, 2017)

### Liaison Offices

Institution (Location)	Country/Region (Starting Date)	Liaison Office	Department/Institute of TU
⑥ The University of New South Wales (International Office)	Australia (May 17, 2002)	Liaison Office of Tohoku University	Institute of Fluid Science Graduate School of Law
⑦ Moscow State University (Faculty of Physics)	Russia (June 21, 2002)	Liaison Office of Tohoku University	Institute of Fluid Science Graduate School of Engineering
⑧ Syracuse University (L. C. Smith College of Engineering and Computer Science)	USA (November 11, 2003)	IFS Syracuse Office	Institute of Fluid Science
⑨ Korea Advanced Institute of Science and Technology (Department of Mechanical Engineering)	South Korea (December 18, 2003)	Liaison Office of Tohoku University	Institute of Fluid Science
⑩ Research Institute for Tropical Medicine	Philippines (May 1, 2007)	Tohoku-RITM Collaborating Research Center on Emerging and Reemerging Infectious Diseases	Graduate School of Medicine
⑪ Institut Teknologi Bandung	Indonesia (August 2, 2011)	International Environmental Leadership Program, Graduate School of Environmental Studies ※Program name change at the occasion of the agreement (effective March 23, 2015)	Graduate School of Environmental Studies
⑫ Seoul National University (College of Engineering)	South Korea (December 1, 2011)	The Partnership Offices of the Schools of Engineering, etc., of the Four Japanese Universities, Japan and the College of Engineering, Seoul National University, Korea	Graduate School of Engineering
⑬ Royal Institute of Technology (Faculty of Mechanical Engineering)	Sweden (June 28, 2012)	Liaison Office of Tohoku University	Institute of Fluid Science Graduate School of Engineering
⑭ The University of California, Riverside	USA (February 1, 2013)	Tohoku University Center	Institute for Excellence in Higher Education
⑮ Université de Lyon (Materials Science and Physical Metallurgy Laboratory, Institut National des Sciences Appliquées de Lyon)	France (June 2, 2015) ※Encouraged by the existence of the INSA Lyon - Tohoku University Liaison Office since January 23, 2004	Liaison Office of Tohoku University	Institute of Fluid Science Graduate School of Engineering Institute of Development, Aging and Cancer Graduate School of Medicine
⑯ Foreign Trade University	Vietnam (December 19, 2015)	TU-FTU Cooperation Office	Institute for Excellence in Higher Education
⑰ National Chiao Tung University (College of Electrical and Computer Engineering)	Taiwan (May 4, 2017)	Liaison Office of Tohoku University	Institute of Fluid Science New Industry Creation Hatchery Center Graduate School of Engineering Graduate School of Science and Faculty of Science Advanced Institute for Materials Research
⑱ Sichuan University (West China School of Stomatology)	China (March 1, 2018)	Liaison Office of Tohoku University Graduate School of Dentistry	Graduate School of Dentistry











## Number of International Students

### Number of International Students by Funding Status and Student Levels

Area	Country and Region	Funding Status						Total	Student Levels													
		Japanese Government Scholarships		Private Means					Undergraduates	Graduates			Research Students			Others						
		Male	Female	Foreign Government Funds		Others				Master's Program	Professional Program	Doctoral Program	Doctoral Program (4-year course)	Undergraduate Schools	Graduate Schools	Research Institutes	Intensive Japanese Language Program	Special Auditors	Special Research Students	Special Students		
				Male	Female	Male	Female															
Asia 1,828 (84.6%)	Bangladesh	17	7	1		4	7	36	2	11		20	2			1						
	Cambodia	1	1			2		4	1	2				1								
	China	26	27	21	13	593	576	1,256	61	581	46	324	55	114	20	15		24	15	1		
	India	11	5			10	3	29	9	8		8	1			1	1					1
	Indonesia	43	30	3	8	34	19	137	26	39		53	9	1	1		1	5				2
	Laos	1	1					2		1		1										
	Malaysia	5	1	2	2	8	7	25	9	6		8	1	1								
	Mongolia	4	4				6	14	4	1		6	2		1							
	Myanmar		2					2		2												
	Nepal	3	1			2	2	8	2	2	1	3										
	Pakistan	8	3			2	2	15		4		6	2		1		1					1
	Philippines	4	8	1		1	2	16	1	4		5	3				3					
	Singapore	1	1			2	3	7	3	1												3
	South Korea	16	2	16	2	53	20	109	49	14		31	1		3						10	1
	Sri Lanka	2	1			2		5		2		2	1									
	Taiwan					48	27	75	3	18	4	22	1	3	1						17	6
	Thailand	15	9			18	6	48	16	7		11	7	1			2				4	
	Vietnam	14	7			8	11	40	6	13	1	13	2	2							3	
	Middle East 27 (1.2%)	Afghanistan					1		1		1											
Iran		2	2			2	1	7		1		6										
Jordan		1	1					2		1		1										
Kuwait		1						1			1											
Lebanon							1	1													1	
Saudi Arabia							1	1				1										
Syria		5						5	1	1		1	1				1					
UAE						1		1		1												
Turkey		2	2		1	1	2	8		1		4					1	1	1	1		
Africa 48 (2.2%)	Algeria	1	2					3				3										
	Botswana		2				1	3		1		2										
	Burkina Faso	1						1		1												
	Cameroon	2					1	3				1	2									
	DR Congo	1						1				1										
	Egypt	3			1	2	2	8	2			3	2				1					
	Eritrea	1						1				1										
	Ethiopia	1						1						1								
	Ghana	1				1	1	3				2					1					
	Kenya	1	1					2				1									1	
	Morocco			1				1				1										
	Mozambique			2				2				1									1	
	Nigeria	5	1				3	9		7		2										
	South Africa	2						2		1		1										
	Sudan			3				3		2				1								
	Tanzania	1					1	2				2										
	Tunisia			1				1										1				
	Zambia	1						1		1												
	Zimbabwe			1				1		1												

(as of May 1, 2019)

Area	Country and Region	Funding Status						Total	Student Levels											
		Japanese Government Scholarships		Private Means					Undergraduates	Graduates			Research Students			Others				
		Male	Female	Foreign Government Funds		Others				Master's Program	Professional Program	Doctoral Program	Doctoral Program (4-year course)	Undergraduate Schools	Graduate Schools	Research Institutes	Intensive Japanese Language Program	Special Auditors	Special Research Students	Special Students
				Male	Female	Male	Female													
Oceania 9(0.4%)	Australia	1				2	1													
	Fiji	1	2			1		1		2					1					
	New Zealand		1							1										
North America 40(1.9%)	Canada	2				1	1	4		1					1			1		
	USA	6	3			18	9	36	4	7	4		2					19		
South and Central America 54(2.5%)	Argentina	2	1					3			1				2					
	Bolivia	2	1					3		1	2									
	Brazil	10	2			4		16		4	5	3	2		2					
	Chile	1					2	3			2	1								
	Colombia	2	1					3		2		1								
	Costa Rica					1		1			1									
	Cuba		1					1			1									
	Ecuador	1						1							1					
	El Salvador	1						1	1											
	Guatemala		2					2		1	1									
	Haiti	1						1				1								
	Honduras						1	1			1									
	Mexico	2	1				2	5		2	3									
	Panama		1					1								1				
	Paraguay	3						3	1	1	1									
	Peru	3	1			1	1	6		1	2			1	1			1		
	Venezuela	3						3		1	1					1				
Europe 156(7.2%)	Austria	1				1		2		1	1									
	Belgium	1					2	3		1								2		
	Croatia					1	2	3										2		
	Czech Republic					1		1										1		
	Denmark	1				3		4		1	1							2		
	Estonia	2						2		1			1							
	Finland	1				2	2	5			2							1		
	France	3	1			26	10	40	1	13	12							4		
	Germany					23	5	28		6	2	1						5		
	Hungary	1	1				2	4			1	1						2		
	Ireland	1						1		1										
	Italy		1			8	8	17					1					8		
	Netherlands					6		6		2									2	
	Norway					1		1			1									
	Poland	1					3	4			1							1		
	Portugal					1		1											1	
	Romania	1						1			1									
	Russia		6			1	4	11		1	6							3		
	Slovakia	1				1		2				1			1					
	Slovenia	1						1							1					
	Spain	2				1	1	4		1	1							1		
	Sweden					6	1	7											2	
	Switzerland					1	1	2											1	
UK	4	1					5		1	1	2			1						
Uzbekistan	1						1				1									
Total		266	156	44	27	906	763	2,162	202	788	53	607	99	128	35	18	28	124	78	2





(as of May 1, 2019)

Area	Division Country and Region	Total	Arts and Letters	Education	Law	School of Public Policy	Economics and Management	Accounting School	Science	Medicine	Dentistry	Pharmaceutical Sciences	Engineering	Agricultural Science	International Cultural Studies	Information Sciences	Life Sciences	Environmental Studies	Biomedical Engineering	Educational Informatics	Research	Institute for Materials	Institute of Development, Aging and Cancer	Institute of Fluid Science	Research Institute of Electrical Communication	Institute of Multidisciplinary Research for Advanced Materials	Center for Northeast Asian Studies	Institute for Excellence in Higher Education	Cyclotron and Radioisotope Center	Academic Affairs Council
Central and South America	Argentina	3							1																			2		
	Bolivia	3														2	1													
	Brazil	16	1						2				5	1	3	2												2		
	Chile	3											2						1											
	Colombia	3					1		1						1															
	Costa Rica	1											1																	
	Cuba	1																1												
	Ecuador	1																										1		
	El Salvador	1								1																				
	Guatemala	2											1					1												
	Haiti	1										1																		
	Honduras	1												1																
	Mexico	5			1					2				1		1														
	Panama	1																											1	
	Paraguay	3			1		1							1																
	Peru	6												3					1						1				1	
Venezuela	3												2															1		
Europe	Austria	2	1		1																									
	Belgium	3	2		1																									
	Croatia	3	2						1																					
	Czech Republic	1														1														
	Denmark	4					2		1							1														
	Estonia	2	1										1																	
	Finland	5			1				1					1		1	1													
	France	40	2						3					26	1	3	1		2										2	
	Germany	28	1		1		4		4	2				10	1	3	1												1	
	Hungary	4	2		1						1																			
	Ireland	1								1																				
	Italy	17	11							3				3																
	Netherlands	6	2								2						2													
	Norway	1			1																									
	Poland	4	2											2																
	Portugal	1														1														
	Romania	1								1																				
	Russia	11	2							1	1				1				3										3	
	Slovakia	2									1																		1	
	Slovenia	1																											1	
Spain	4	1											2		1															
Sweden	7												4			2												1		
Switzerland	2	1							1																					
UK	5												2		1													1		
Uzbekistan	1						1																							
Total		2,162	249	53	67	2	141	51	205	118	46	22	593	111	100	132	53	119	30	2	5	1	2	3	5	1	28	1	22	

## Sendai City

### Profile

Sendai is a city of charming contrasts, where tradition meets modernity, and tranquil nature and busy urban life exist side by side. The stunning modern architecture is complemented by an abundance of natural wonders, and the arrays of zelkova trees which line the streets and avenues have led to Sendai becoming known as “Mori no Miyako”- the City of Trees. Sendai is also known as a “City of Academia,” as it boasts a great number of universities and colleges relative to its size.



The history and tradition of the city date to its founding in 1600 by famous feudal lord Masamune Date, and over the centuries it has prospered to become the economic and political center of Tohoku, the northeastern region of Japan. Sendai has a population of over one million people, who are rightly proud of the city’s history, arts and culture, and they welcome visitors to join in celebrations such as the annual Tanabata Festival and Jozenji Street Jazz Festival.

Away from the bustling center, the wondrous nature and peaceful environs of coastal Matsushima, the mystical volcanic crater of Zao and the bountiful hot springs have enchanted locals and visitors alike for generations.



### Access

#### 1. Flight

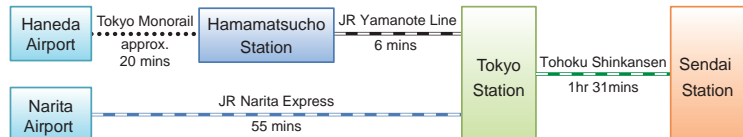
Sendai International Airport (SDJ) offers flights to a broad range of destinations.

Destinations	Journey Time	Destinations	Journey Time
Beijing (via Shanghai)	7hr 10mins.	Osaka-Itami	1hr 20mins.
Shanghai	3hr 35mins.	Osaka-Kansai	1hr 35mins.
Seoul	2hr 30mins.	Nagoya	1hr 15mins.
Taipei	3hr 45mins.	Hiroshima	1hr 35mins.
Sapporo	1hr 10mins.	Fukuoka	2hr
Tokyo-Narita	60mins.	Okinawa-Naha	2hr 50mins.

#### 2. “Tohoku Shinkansen” (Bullet Train) From Tokyo to Sendai: 1hr 31mins.

#### 3. Airport Access

Haneda-Sendai (approx. 2hrs 10mins)  
Narita-Sendai (approx. 2hrs 30mins)

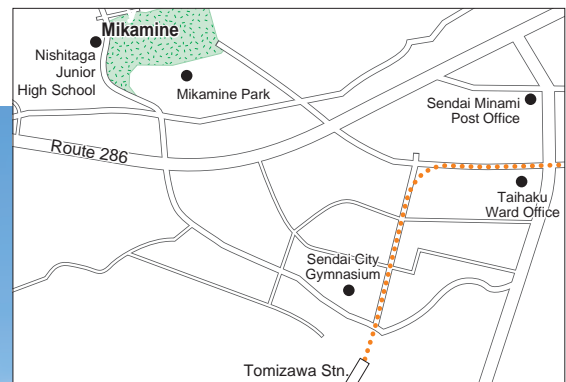
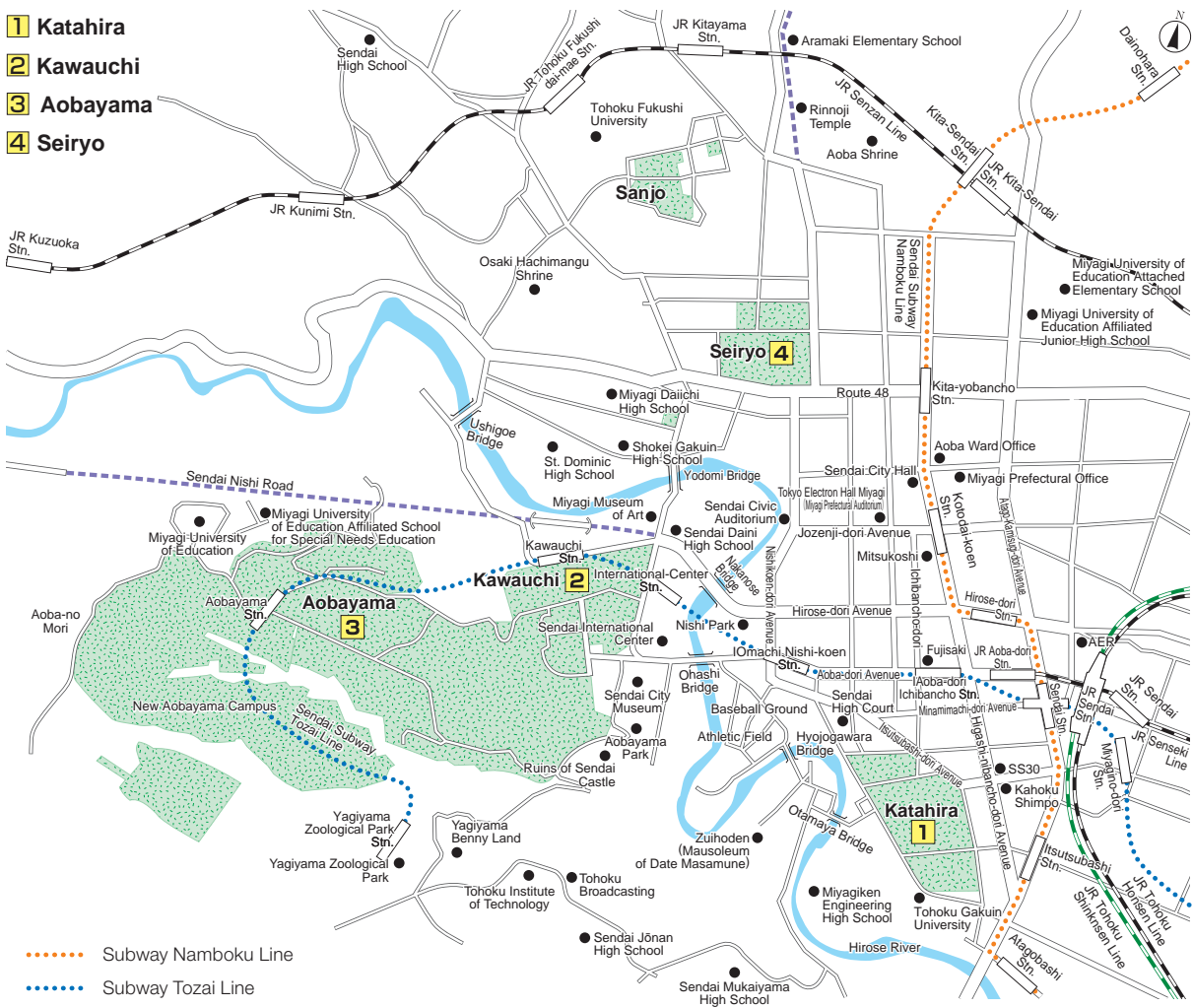


Provided by the Miyagi Prefecture Commerce, Industry and Tourism Department, Tourism Division

# Location of the Campuses

## Campuses in Sendai City

- 1 **Katahira**
- 2 **Kawauchi**
- 3 **Aobayama**
- 4 **Seiryō**



# Campus Map

## KATAHIRA CAMPUS

Land: 229,613m<sup>2</sup> Buildings: 199,522m<sup>2</sup> (as of May 1, 2019)

1-1, Katahira, 2-chome, Aoba-ku, Sendai 980-8577

### Administrative Office Research Institutes



Extended Education & Research Building

- Administration Bureau
- Strategic Planning Office 26
- General Affairs Division, General Affairs and Planning Department 26
- External Relations Division, General Affairs and Planning Department 28
- Legal Affairs and Compliance Division, General Affairs and Planning Department 27
- International Exchange Division, General Affairs and Planning Department 29
- Public Relations Office, General Affairs and Planning Department 28
- Human Resources and Planning Division, Human Resources and Planning Department 29
- Payroll and Labor Affairs Division, Human Resources and Planning Department 29
- Environmental Security Division, Human Resources and Planning Department 40
- Finance Department 29
- Research Promotion Department 29
- Facilities Department 34
- Informatization Division, Information Department 27
- Audit Office 27
- Graduate School of Economics and Management
- Regional Innovation Research Center 41
- Graduate School of Life Sciences
- Administration Office 36
- Graduate School of Life Sciences Building 37
- Life Sciences Project Research Laboratory 36
- Environment Control Experiment Building 38
- Graduate School of Biomedical Engineering
- Laboratory 61
- Law School, School of Public Policy
- Administration Office 41
- Accounting School
- Administration Office, laboratory 35
- Lecture Room 41
- Institute for Materials Research
- Honda Memorial Hall (Administration Office) 9
- Building No. 1, 2, 3, 4 10, 11, 12, 17
- Building No.10 1
- Cooperative Research Project Laboratory 4
- Super Computing Center 5
- Laboratory of  $\alpha$ -Ray Emitters 6
- Technical Plant I,II 7, 8
- Multi-Use Laboratory 15
- International Center of Educational Research 16
- Cooperative Research and Development Center for Advanced Materials 13
- High Field Laboratory for Superconducting Materials 14
- High Field Laboratory Annex 75
- Center for Low Temperature Science 3
- Institute of Fluid Science
- Administration Office 42
- Building No. 1, 2, 3 42, 44, 45
- High Speed Flow Experiment Building 46
- Interdisciplinary Shock Wave Research Building 47
- Low Turbulence Wind Tunnel Building 70
- Flow Dynamics Building 43
- Joint Laboratory Building 48
- Innovative Energy Research Center (IER) 44
- Research Institute of Electrical Communication
- Administration Office 76
- Main Building 76
- Building No.1, 2 61, 62, 63
- Fundamental Technology Center 66
- Common Research Facilities Building 67
- Laboratory for Nanoelectronics and Spintronics 59
- Laboratory for Brainware Systems 64, 65
- Research Center for 21st Century Information Technology 71, 72
- Institute of Multidisciplinary Research for Advanced Materials
- Administration Office 51



- East Building 19, 21, 22
- West Building 23, 24
- West Technical Plant 25
- South Building 52, 53, 54
- South Multidisciplinary Research Laboratory 57, 58
- Cooperative Research Building 55
- Library 31
- Advanced Institute for Materials Research (AIMR)
- Administration Office 30
- AIMR Main Building 30
- AIMR Laboratory Building 17
- AIMR Annex 20
- University Archives 33
- Technology Center for Research and Education
- Activities 36
- The Electron Microscopy Center 32
- Office of Cooperative Research and Development 29
- Archaeological Research Office on the Campus 34, 39
- Campus Design Office 34
- Information Disclosure Room 27
- Material Solutions Center 73
- Extended Education & Research Building 41
- Cultural Property Storage 49
- Katahira Kitamon Commons 50
- University House Katahira, Espace, Cerisier, Kitamon Lounge
- Sakura Shop
- Sakura Kitchen, Restaurant Hagi
- Katahira Hall 2
- Sakura Hall 56
- Gymnasium 69
- TOKYO ELECTRON House of Creativity 77
- Center for Gender Equality Promotion 41
- Resilient ICT Research Center 74
- Education and Research Base Support Building 79

## 2 KAWAUCHI CAMPUS

● Land: 817,777m<sup>2</sup> ● Buildings: 140,373m<sup>2</sup> (as of May 1, 2019)

### Humanities and Social Sciences First Two Years of Undergraduate Education

Kawauchi-Kita Campus: 41 Kawauchi, Aoba-ku, Sendai 980-8576  
Kawauchi-Minami Campus: 27-1 Kawauchi, Aoba-ku, Sendai 980-8576



Administration Bureau  
Education and Student Support Department  
(Education and Student Support Center) **7**  
Admissions Division, Education and Student  
Support Department **19**  
Graduate School / Faculty of Arts and Letters  
Administration Office **22**  
Arts and Letters / Law Joint Building **24**  
Graduate School / Faculty of Education  
Administration Office **25**  
Graduate School / School of Law  
Administration Office **23**  
Arts and Letters / Law Joint Building **24**  
Graduate School of Economics and Management /  
Faculty of Economics  
Administration Office **28**  
Seminar Rooms **28, 29**  
Graduate School of International Cultural Studies  
Administration Office **6**  
Research Center for Language, Brain and  
Cognition **6**  
University Library (Main Library) **20**  
Center for Northeast Asian Studies  
Administration Office, laboratories **3**  
Branch Office **19**  
Institute for Excellence in Higher Education  
Administration Office **3**

Health Administration Center / Center  
for Counseling and Disability Services  
(Counseling Office) **4**  
Center for Counseling and Disability Services  
(Disability Services Office) **33**  
Admission Center **19**  
Center for Career Support **7**  
Center for Professional Development **3**  
Center for Learning Support (SLA) **11**  
Global Learning Center **1, 7**  
Institute of Liberal Arts and Sciences **1**  
Botanical Gardens  
Garden Hall **30**  
Memorial Herbarium **31**  
Center for Information Technology in Education **11**

Laboratories for Students **2**  
Kawakita Joint Building **3**  
Lecture Rooms A, B, and C **8, 9, 10**  
Multimedia Education and Research Complex **11**  
Multidisciplinary Research Building **36**  
Lecture Rooms **26**  
New Humanities Building **25**  
Humanities Building **27**  
Circle Club Room E **5**  
Circle Club Rooms F, G **12**  
Welfare Facilities (cafeteria) **13**

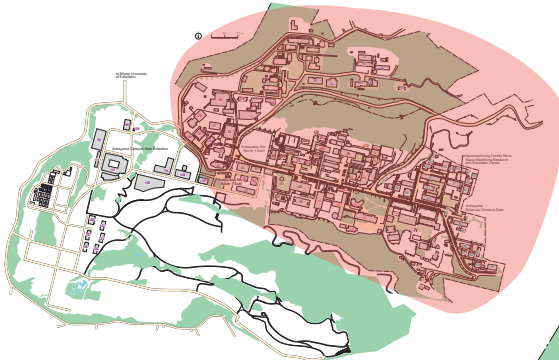
Kawauchi Sub Arena **14**  
Kawauchi Gymnasium (Kawauchi Arena) **15**  
Kawauchi Extracurricular Activity Shared  
Facilities B **16**  
Kawauchi Extracurricular Activity Shared  
Facilities A **17**  
Education and Research Base Support  
Building No. 4, 5 **33, 34**  
Kawauchi Circle Club Building **18**  
Kawauchi Circle Club Building II **37**  
Kawauchi Extracurricular Activity Shared  
Facilities (Kawauchi Hall) **35**  
Tohoku University Centennial Hall  
(Kawauchi Hagi Hall) **21**  
Welfare Facilities (cafeteria) **32**



Springtime in Kawauchi Campus

## AOBAYAMA CAMPUS

### Science and Engineering



Administration Bureau  
Information Infrastructure Division, Information Department **29**

Graduate School / Faculty of Science  
Administration Center **12**  
Science Complex A, B **24**  
Science Complex Annex **25**  
Science Lecture Hall **5**  
Science Complex C **101**  
Mathematics Building **7**  
Physics Building **2**  
Physics Lecture Hall **3**  
Physics & Chemistry Annex **4**  
Chemistry Building **8**  
Earth Science Building **11**  
Biology Building **10**  
High Resolution NMR Systems Building **13**  
Kawai Hall **6**  
Research and Analytical Center for Giant Molecules **9**  
Center for Atmospheric and Oceanic Studies **2**  
Planetary Plasma and Atmospheric Research Center **2**  
Research Center for Prediction of Earthquakes and Volcanic Eruptions Building A **68**  
Research Center for Prediction of Earthquakes and Volcanic Eruptions Building B, C **69**  
Machine Shop & Glass Laboratory **77**

Graduate School / Faculty of Pharmaceutical Sciences  
Administration Office **15**  
Pharmaceutical Sciences A, B, C, D **15, 16, 17, 18**  
Experimental Station for Medicinal Plant Studies, Administration Building **19**

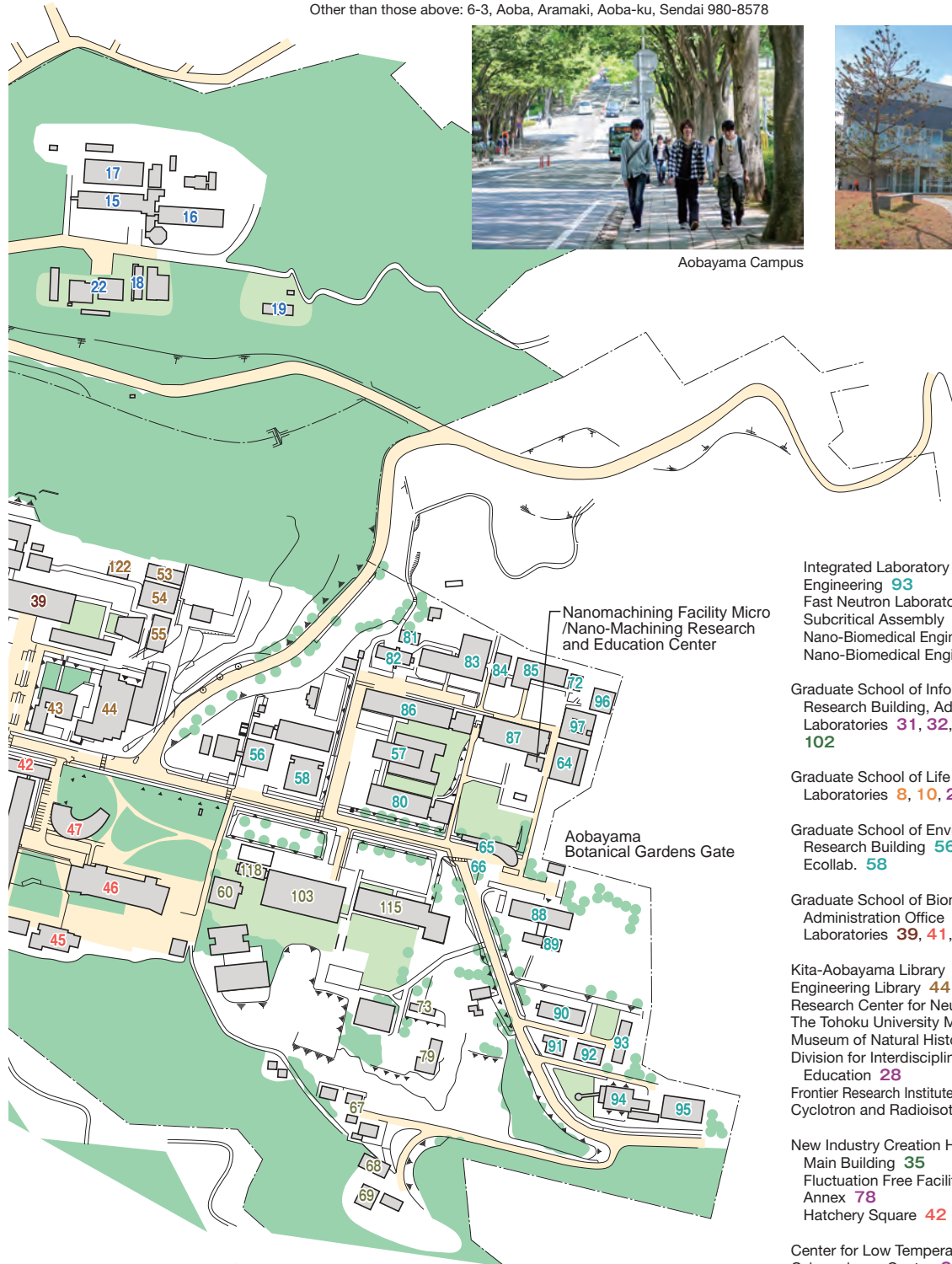
Graduate School / School of Engineering  
Administration Office (CENTER HALL) **46**  
Administration Office (Administration Building) **41**  
Lecture Room Building - Mechanical Engineering, Mechanical Systems Engineering / Finemechanics / Aerospace Engineering / Robotics, Administration Office **57**  
Electrical, Information and Physics Engineering Building No.1 **39**

Electrical Engineering and Applied Physics, Research Building No.2 **100**  
Electrical Engineering and Applied Physics, Education and Research Base Support Building **6** **33**  
Electrical Engineering and Applied Physics, Education and Research Base Support Building **7** **51**  
Electrical Engineering and Applied Physics, Education and Research Base Support Building **12** **53**  
Electrical Engineering and Applied Physics, Education and Research Base Support Building **11** **54**  
Electrical Engineering and Applied Physics, Education and Research Base Support Building **10** **55**  
Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Research Building - Main, Administration Office **37**  
Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Laboratories for Students **108**  
Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Complex Building of Experimental Research Laboratories **109**  
Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Lecture Hall **110**  
Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Lecture Room Building **111**  
Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Research Building - Annex **112**  
Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Research Building No.2 **113**  
Supercritical Fluid Research Laboratory **114**  
Materials Education and Research Building, Department of Metallurgy, Materials Science and Materials Processing, Administration Office **103**  
Materials Collaborative Research Building **60**  
Materials Evolution Research Building **73**  
Research & Machining Building **79**

Materials Experiments Building, Department of Metallurgy, Materials Science, and Materials Processing **115**  
Materials Science and Engineering, Lecture Hall **118**  
Civil Engineering and Architecture **102**  
CLT Construction Complex Demonstration **121**  
Education and Research Base Support Building 19[A1] **48**  
Laboratory Building of Civil and Environmental Engineering **49**  
Engineering Laboratory Complex Building **40**  
Innovation Plaza **43**  
Research Building No.3-Electrical Engineering and Applied Physics **31**  
Laboratory of Architecture and Building Science **27**  
Laboratory Building of Architecture and Building Science II **38**  
Fracture and Reliability Research Institute **40**  
Experimental Laboratory of Division of Advanced Electric Power Research (Fracture and Reliability Research Institute) **72**  
Research Center of Supercritical Fluid Technology **40**

●Land: 1,577,169㎡ ●Buildings: 392,383㎡ (as of May 1, 2019)

Graduate School / School of Engineering / Graduate School of Biomedical Engineering, New Industry Creation Hatchery Center (NICHe) : 6-6 Aoba, Aramaki, Aoba-ku, Sendai 980-8579  
 Graduate School of Environmental Studies, International Research Institute of Disaster Science: 468-1 Aoba, Aramaki, Aoba-ku, Sendai 980-0845  
 Graduate School of Agricultural Science / Faculty of Agriculture / Graduate School of Environmental Studies, International Research Institute of Disaster Science: 468-1 Aoba, Aramaki, Aoba-ku, Sendai 980-8572  
 Other than those above: 6-3, Aoba, Aramaki, Aoba-ku, Sendai 980-8578



Aobayama Campus



CENTER HALL

Micromachining Facility Micro / Nano-Machining Research and Education Center **64**  
 Management Science and Technology **40**  
 Mechanical Engineering Research Building No.1 **80**  
 Mechanical Engineering Research Laboratory I **81**  
 Mechanical Engineering Research Laboratory J **82**  
 Mechanical Engineering Laboratory Building **83**  
 Laboratories for Students - Mechanical and Aerospace Engineering, Nano - Precision Machining Shop **84**  
 Environmental Strength Research Laboratory - Mechanical Engineering **85**  
 Mechanical Engineering Research Building No.2 **86**

Research Building - Mechanical and Aerospace Engineering **87**  
 Research Building - Quantum Science and Energy Engineering **88**  
 Lecture Room Building - Quantum Science and Energy Engineering **89**  
 Radioisotope Laboratory **90**  
 Early Living Environment Recovery Laboratory **91**  
 Research Center for Early Living Environment Recovery **92**

Integrated Laboratory for Advanced Fusion Reactor Engineering **93**  
 Fast Neutron Laboratory **94**  
 Subcritical Assembly **95**  
 Nano-Biomedical Engineering Research Laboratory **96**  
 Nano-Biomedical Engineering Research Building **97**

Graduate School of Information Sciences  
 Research Building, Administration Office **32**  
 Laboratories **31, 32, 39, 51, 80, 86, 87, 100, 102**

Graduate School of Life Sciences  
 Laboratories **8, 10, 24, 25**

Graduate School of Environmental Studies  
 Research Building **56**  
 Ecollab. **58**

Graduate School of Biomedical Engineering  
 Administration Office **41**  
 Laboratories **39, 41, 80, 100**

Kita-Aobayama Library **21**  
 Engineering Library **44**  
 Research Center for Neutrino Science **22**  
 The Tohoku University Museum **23**  
 Museum of Natural History **23**  
 Division for Interdisciplinary Advanced Research and Education **28**  
 Frontier Research Institute for Interdisciplinary Sciences **28**  
 Cyclotron and Radioisotope Center **26**

New Industry Creation Hatchery Center (NICHe)  
 Main Building **35**  
 Fluctuation Free Facility **34**  
 Annex **78**  
 Hatchery Square **42**

Center for Low Temperature Science **1**  
 Cyberscience Center **29**  
 Cyber Science Center 2 **104**  
 Environment Conservation Center **67**  
 Gymnasium **30**  
 Cafeteria Keyaki Dining **36**  
 Kita-Aobayama Commons **20**  
 Cafeteria Aoba Dining **46**  
 Aoba Memorial Hall **45**  
 Cafeteria Komorebi Cafe / Convenience Store "Daily Yamazaki" **65**  
 Automobile Museum **66**  
 Convenience Store / Book+cafe "BOOK" **47**

**3 AOBAYAMA CAMPUS**

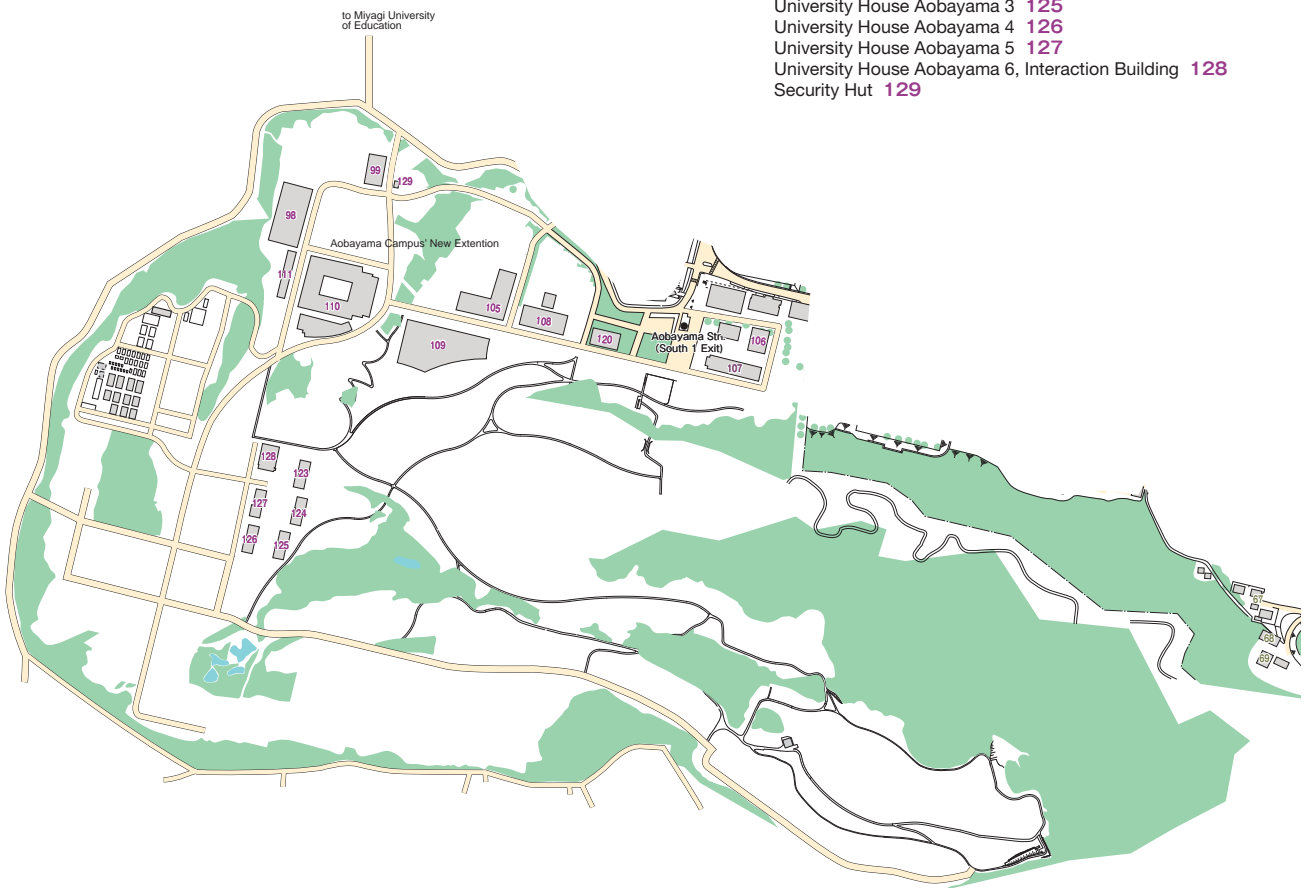
●Land: 1,577,169m<sup>2</sup> ●Buildings: 392,383m<sup>2</sup> (as of May 1, 2019)

**Science and Engineering**

Graduate School / School of Engineering / Graduate School of Biomedical Engineering, New Industry Creation Hatchery Center (NICHe): 6-6 Aoba, Aramaki, Aoba-ku, Sendai 980-8579  
 Graduate School of Agricultural Science / Faculty of Agriculture / Graduate School of Environmental Studies, International Research Institute of Disaster Science: 468-1 Aoba, Aramaki, Aoba-ku, Sendai 980-8572  
 Other than those above: 6-3, Aoba, Aramaki, Aoba-ku, Sendai 980-8578



- <Aobayama Campus' New Extension>
- Graduate School of Agricultural Science/Faculty of Agriculture Administration Office **110**
  - Agricultural Research and Administration Facility **110**
  - Animal Research Facility **111**
  - Graduate School of Environmental Studies Main Building **108**
  - International Research Institute of Disaster Science (IRIDeS) Main Building **105**
  - Aobayama Commons **109**
  - Agricultural Library
  - Midori Cafeteria
  - Midori shop
  - Center for Innovative Integrated Electronic Systems **98**
  - Energy Center **99**
  - Innovation Center for Creation of a Resilient Society **106**
  - Laboratory for Rare Metal Research **107**
  - Aobayama Midori Welfare Facilities **120**
  - University House Aobayama 1 **123**
  - University House Aobayama 2 **124**
  - University House Aobayama 3 **125**
  - University House Aobayama 4 **126**
  - University House Aobayama 5 **127**
  - University House Aobayama 6, Interaction Building **128**
  - Security Hut **129**





**4 SEIRYO CAMPUS**

●Land: 179,214㎡ ●Buildings:334,449㎡ (as of May 1, 2019)

**School of Medicine  
School of Dentistry  
Tohoku University Hospital**

Tohoku University Hospital: 1-1, Seiryō-machi, Aoba-ku, Sendai 980-8574  
 School / Graduate School of Medicine: 2-1, Seiryō-machi, Aoba-ku, Sendai 980-8575  
 School / Graduate School of Dentistry: 4-1, Seiryō-machi, Aoba-ku, Sendai 980-8575  
 Institute of Development, Aging and Cancer: 4-1, Seiryō-machi, Aoba-ku, Sendai 980-8575  
 Tohoku Medical Megabank Organization: 2-1, Seiryō-machi, Aoba-ku, Sendai 980-8573



- Graduate School / School of Medicine
- Administration Office **19**
- Building No.0 **16**
- Building No.1 **19**
- Building No.2 **33**
- Building No.3 **34**
- Building No.4 **17**
- Building No.5 **20**
- Building No.6 **44**
- Health Sciences Building D **42**
- Education and Research Base Support Building **41**
- Health Sciences Building A **13**
- Health Sciences Building B **12**
- Frontier Research Building **14**
- Prion Research Building **23**
- Institute of Animal Experimentation **24**
- Lecture Rooms **18**
- Clinical Lecture Building **35**
- United Centers for Advanced Research and Translational Medicine (ART) **20**
- Autopsy Imaging Center **12**
- Environment and Genome Research Center **44**
- Comprehensive Education Center for Community Medicine **38**
- Tohoku University Clinical Skills Laboratory **38**
  
- Graduate School / School of Dentistry
- Administration Office **10**
- Basic Dental Science Building **8**
- Education and Training Building **9**

- Clinical Dental Science Building **10**
- Clinical Dental Science Building II **40**
  
- Graduate School of Pharmaceutical Science
- Laboratory **44**
- Graduate School of Biomedical Engineering
- Laboratory **3, 10, 17, 19, 21, 33, 34, 44**
- Laboratory **21**
  
- Institute of Development, Aging and Cancer
- Administration Office **4**
- Center for Basic Aging Research **3**
- Center for Clinical Aging Research **4**
- Center for Smart Aging Research **39**
- Laboratory for Brain Imaging Research **6**
- Laboratory for Brain Dynamics Research **7**
- Facility for Tumor and Animal Experiment **5**
- Laboratory for Advanced Frontiers Research **11**
- Pre-clinical Research Center **47**
- Center for Laboratory Animal Resources **48**
  
- Medical Library **37**
  
- Tohoku University Hospital
- Temporary Administration Building **31**
- Clinics for Outpatients **36**
- Operation & Medical Check Building **32**
- West Ward **28**
- East Ward **29**
- Clinical Research, Innovation and Education Center **27**

- Advanced Medical Training Center **43**
- Seiryō Residence **46**
- Advanced Medical Care Center **30**
- Center for Laboratory Animal Research **26**
  
- Center for Gene Research **3**
- Tohoku Medical Megabank Organization Building **45**
- RI Seiryō Subcenter **25**
- Seiryō Club House **1**
- Seiryō Gymnasium **2**
- Seiryō Hall (Welfare Facilities)
- Centennial Hall -Seiryō Auditorium- **15**
- Gonryō Hall **38**



Seiryō Campus

## List of Facilities

### Academic Facilities and Others

	Facility	Address
①	Jun-ichi Nishizawa Research Center Micro System Integration Center (μSIC)	519-1176 Aoba, Aramaki, Aoba-ku, Sendai 980-0845
②	Research Center for Electron Photon Science	1-2-1 Mikamine, Taihaku-ku, Sendai 982-0826
③	Tohoku University Kenko Plaza	6-6-5 Minamiyoshinari, Aoba-ku, Sendai, 989-3204
④	Planetary Observatory of PPARC (Onagawa)	15-3-1, Kirigasaki, Kirigasaki, Onagawa-cho, Oshika-gun, Miyagi 986-2204
⑤	Field Science Center (Onagawa)	3-1 Konorihama-mukai, Onagawa-cho, Oshika-gun, Miyagi 986-2242
⑥	Field Science Center (Kawatabi)	232-3 Yomogida, Naruko-onsen, Osaki, Miyagi 989-6711
⑦	Kawatabi Seminar Center	75 Hara, Naruko-onsen, Osaki, Miyagi 989-6711
⑧	Graduate School of Life Sciences, Farm Station	134-2 Uchinoura, Hironaga, Kashimadai-cho, Osaki, Miyagi 989-4104
⑨	Planetary Observatory of PPARC (Zao)	Nanokahara, Togatta-onsen, Zao-machi, Katta-gun, Miyagi 989-0916
⑩	Research Center for Marine Biology (Asamushi)	9 Sakamoto, Asamushi, Aomori 039-3501
⑪	Botanical Gardens, Mt. Hakkoda	1-1 Minamiarakawayama, Arakawa, Aomori 030-0111
⑫	Akita Branch Observatory of RCPEQVE	1-14-46 Shougunno-minami, Akita 011-0936
⑬	Honjo Branch Observatory of RCPEQVE	4 Nishinosumi, Ohyana, Yurihonjo, Akita 015-0091
⑭	Sanriku Seismological Observatory, Graduate School of Science	114 Kodomari, Okirai, Sanriku-cho, Ohfunato, Iwate 022-0101
⑮	Tono Branch Observatory of RCPEQVE	4-120-74 Komagi, Matsuzaki-cho, Tono, Iwate 028-0545
⑯	International Research Center for Nuclear Materials Science	2145-2 Narita-cho, Oarai-machi, Higashiibaraki-gun, Ibaraki 311-1313
⑰	Trans-Regional Corporation Center for Industrial Materials Research (Osaka)	8th floor, Research Organization for University-Community Collaborations, Osaka Prefecture University, 1-2 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531
	Trans-Regional Corporation Center for Industrial Materials Research (Hyogo)	2nd floor, Incuvation center, University of Hyogo, 2167 Shosha, Himeji, Hyogo 671-2280
⑱	Planetary Observatory of PPARC (Iitate)	Maeta, Iitate-mura, Soma-gun, Fukushima 960-1636
⑲	KamLAND, Research Center for Neutrino Science	408 Kamimachi, Higashi-mozumi, Kamioka-cho, Hida, Gifu 506-1205
㉑	Tohoku University Liaison Office (Tokyo)	10th floor, SapiaTower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo 100-0005
㉒	Tokyo Site	2-3-11 Nihonbashi-honcho, Chuo-ku, Tokyo 103-0023
㉓	Accounting School, International Graduate School of Accounting Policy (IGSAP)	6-1-17 Hirai, Edogawa-ku, Tokyo, Japan 132-0035
㉔	Tokyo Office, Head Office for Open Innovation Strategy	Nihonbashi Life Science Building 2, 3-11-5, Nihonbashi-honcho, Chuo-ku, Tokyo 103-0023

Notes:

RCPEQVE: Research Center for Prediction of Earthquakes and Volcanic Eruptions

PPARC: Planetary Plasma and Atmospheric Research Center

### Student Residence / University House / International House

Facility	Capa	Address
Nisshu Ryo (for Japanese male students)	Capacity: 103 persons	16-3 Midori-cho, Yagiyama, Taihaku-ku, Sendai 982-0832
Ibun Ryo (for Japanese male students)	Capacity: 96 persons	As Above
Seifu Ryo (for Japanese male students)	Capacity: 81 persons	As Above
Joshun Ryo (for Japanese female students)	Capacity: 64 persons	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935
Meizen Ryo (for Japanese male students)	Capacity: 160 persons	6-3-2 Kamisugi, Aoba-ku, Sendai 980-0011
Matsukaze Ryo (for Japanese male students)	Capacity: 150 persons	As Above
University House Aobayama (for Japanese and international students)	Capacity: 752 persons	468-1 Aoba, Aramaki, Aoba-ku, Sendai 980-8572
University House Sanjo (for Japanese and international students)	Capacity: 416 persons	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935
University House Sanjo II (for Japanese and international students)	Capacity: 216 persons	As Above
University House Sanjo III (for Japanese and international students)	Capacity: 208 persons	As Above
University House Kamisugi (for Japanese and international students)	Capacity: 32 persons	6-3-2 Kamisugi, Aoba-ku, Sendai 980-0011
University House Nagamachi (for Japanese and international students)	Capacity: 48 persons	8-6-10 Nagamachi, Taihaku-ku, Sendai 982-0011
University House Katahira (for Japanese and international students and researchers)	Capacity: 81 persons	1-14-15 Ichibancho, Aoba-ku, Sendai 980-0811
International House Sanjo 1 (for international students and researchers)	Capacity: 254 persons	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935
International House Sanjo 2 (for international students)	Capacity: 108 persons	10-15 Sanjo-machi, Aoba-ku, Sendai 981-0935
International House Higashi-sendai (for international students)	Capacity: 70 persons	6-14-15 Higashi-Sendai, Miyagino-ku, Sendai 983-0833

### Facilities for Extracurricular Activities

Facility	Address
Hyojogawara Athletics Field / University Hostel	2-1 Kadan, Aoba-ku, Sendai 980-0815
Kamafusa Boat House	10-5 Nishida, Ono, Kawasaki-machi, Shibata-gun, Miyagi 989-1505
Toda Boat House / University Hostel	5-50 Todakoen, Toda, Saitama 335-0024
Shichigahama Yacht House	61-1 Hamayashiki, Yoshidahama, Shichigahama-cho, Miyagi-gun, Miyagi 985-0802
Shusetsu Hütte	820-1 Arashiki, Zao-onsen, Yamagata 990-2301
Seikei Lodge	305 Ro Rinshohan, Kokuyurin, Kuraishidake, Zao-machi, Katta-gun, Miyagi 980-0800
Katahira Gymnasium	2-1-1 Katahira, Aoba-ku, Sendai 980-8577
Katahira (2-5-6) Hall	As Above
Tomizawa Baseball Ground	1-5 Mikamine, Taihaku-ku, Sendai 982-0826
Tomizawa Driver Training Circuit	1-6 Mikamine, Taihaku-ku, Sendai 982-0826
Aobayama Riding Ground	6-3 Aoba, Aramaki, Aoba-ku, Sendai 980-8578
Kawauchi Sub Arena	41 Kawauchi, Aoba-ku, Sendai 980-8576
Kawauchi Extracurricular Activity Shared Facilities (Kawauchi Hall)	As Above
Kawauchi Circle and Club Building, Kawauchi Circle and Club Building II	As Above
Kawauchi Extracurricular Activity Shared Facilities A	As Above
Kawauchi Extracurricular Activity Shared Facilities B	As Above
Circle Club Rooms E・F・G	As Above

## International Houses

Tohoku University has a number of dormitories for international students and researchers for the purpose of promoting international exchange in education and research, such as International House and University House.

### International House Sanjo 1

Residents	Room Type	Floor Space	Number of Rooms
Students	Single	18㎡	147
	Married	46㎡	44
	Family	48㎡	21
	Family	56㎡	8
Subtotal			220
Researchers	Single	18㎡	12
	Married	48/49㎡	14
	Family	60㎡	8
Subtotal			34
Grand Total			254



International House Sanjo 1

### International House Sanjo 2

Residents	Room Type	Floor Space	Number of Rooms
Students	Single	16㎡	93
	Married	32㎡	12
	Family	46㎡	3
Total			108



International House Sanjo 2

### International House Higashi-Sendai

Residents	Room Type	Floor Space	Number of Rooms
Students	Single (Main)	9㎡	45
	Single (Annex)	18㎡	18
	Married (Annex)	36㎡	7
Total			70



International House Higashi -Sendai

### University House Aobayama

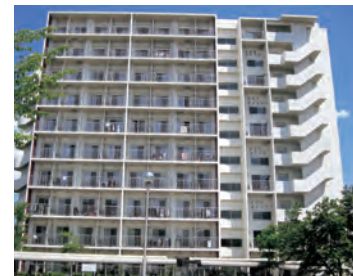
Residents	Room Type	Floor Space	Number of Rooms
Students	Single	10㎡	752
Total			752*

\*376 rooms for international students, 376 rooms for Japanese students

### University House Sanjo

Residents	Room Type	Floor Space	Number of Rooms
Students	Single (Type A)	10㎡	256
	Single (Type B)	13㎡	160
Total			416*

\*130 rooms for international students, 286 rooms for Japanese students



University House Sanjo

### University House Sanjo II

Residents	Room Type	Floor Space	Number of Rooms
Students	Single	12㎡	216
Total			216*

\*135 rooms for international students, 81 rooms for Japanese students



University House Sanjo II

### University House Sanjo III

Residents	Room Type	Floor Space	Number of Rooms
Students	Single	15㎡	208
Total			208*

\*88 rooms for international students, 120 rooms for Japanese students

### University House Katahira

Residents	Room Type	Floor Space	Number of Rooms
Students	Single	12㎡	48
	Single	28㎡	21
Researchers	Married	44㎡	9
	Family	56㎡	3
Subtotal			33
Grand Total			81*

\*30 rooms for international students, 18 rooms for Japanese students

### University House Nagamachi

Residents	Room Type	Floor Space	Number of Rooms
Students	Single	15㎡	48
Total			48



University House Aobayama

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