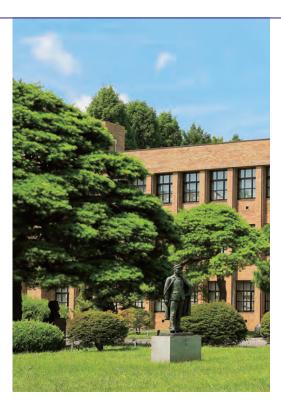
# Tohoku University Fact Book 2016



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### Historical Background

Tohoku University, formerly known as the 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 on its faculty. 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 in the Great Eastern Japan Earthquake. In addition to focusing on our own recovery, the university also responded to the disaster by providing expertise and support to the region through numerous reconstruction efforts. Five years on, we remain committed to our role in the recovery process.



#### Mission Statement

Tohoku University has been committed to its "Research First" principle and "Open Door" policy for over a century, earning international recognition for both educational and research excellence. The university continues to find ways to improve lives around the world, by grooming the next generation of leaders, and arming them with the most innovative technology that the world's best research teams can produce.

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

For 2016/17, Tohoku University will focus on the following goals:

#### 1. Cultivation of leadership talent

For undergraduate education, we aim to nurture talents that 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 around ground breaking research

We aim to consistently produce top research in 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 responds 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 five 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 where 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 university and industry in order for our research results to make an impact in our communities.

#### Message from the President

#### Introduction

In the more than 100 years since its founding in 1907, Tohoku University has produced excellent graduates and numerous research achievements under its core values of "Research First," "Open Doors," and "Practice-Oriented Research and Education."

Beginning with recovering from the catastrophic damage caused by the Great East Japan Earthquake and Tsunami, we are faced with a wide variety of challenges. These include a loss of industrial strength and reduced earning



capacity, a declining birth rate and a growing population of the elderly, increased globalization that has led to an escalation in international competition, as well as global environmental problems. In such a chaotic world, what is required of a university's wisdom, of Tohoku University? Upon assuming the office of President, I set two goals for our university: "Achieving World-Class Status and Leaping Ahead" and "Leading the Restoration of Tohoku and Japan" which sought to bring together the various talents of different parts of the university. I feel that since then, we have seen definite successes on our path to these goals, and forged a new path for the university. In the three years since announcing "Satomi Vision" we have begun to implement many of the projects it outlines.

#### **Achieving World-Class Status and Leaping Ahead**

"Achieving World-Class Status and Leaping Ahead" means Tohoku University aims to become a university that is respected around the world for excellence in both education and research which raises the level of global society, and creates a rich academic foundation that serves as a base as we aim for a higher level of education and research.

In education, through our Global Leader Program, we have sent many talented students to countries around the world, with the goal of cultivating future leaders who can act on the global stage and raising the global consciousness of participants. Additionally, in April of 2015, we founded our International Joint Graduate Program, with the aim of fostering students with a global mindset and a field of view through cooperation with leading overseas universities.

In research, we have opened our "Frontier Research Institute for Interdisciplinary Sciences", which works toward attracting leading young researchers from both Japan and abroad, as well as our "Tohoku Forum for Creativity", an international visitor research institute that aims to gather top-level researchers at the university to stimulate and encourage the growth and further development of our young researchers.

#### Leading the Restoration of Tohoku and Japan

As a comprehensive university at the heart of the region stricken by the 2011 Great East Japan Earthquake, Tohoku University believes that it has an important role to play in the recovery of the Tohoku region and in taking the lead in necessary social changes. In March, 2015, the Third UN World Conference on Disaster Risk Reduction was held in Sendai. On that occasion, the university presented the activities of the Institute for Disaster Reconstruction and Regeneration Research (IDRRR), a full-university organization that was established immediately following the disaster, to a truly global audience. As the only comprehensive university to experience such a disaster first hand, this meeting was a valuable chance to share the lessons learned from the disaster and make valuable contributions

to global disaster risk reduction and prevention.

#### The Future of Tohoku University – Tohoku University Global Vision

In the five years that have passed since the Great East Japan Earthquake, we have been steadily restoring our damaged buildings and equipment, and have regained our pre-disaster level of education and research capabilities. Additionally, the development of our Aobayama New Campus continues to proceed steadily, and in December of 2015, Sendai City's East-West subway line was completed, tying our campuses together and giving faculty, staff and students additional convenient means of transportation.

This fiscal year, we will enter the National University Corporation's third mid-term plan. While continuing to follow the traditions we have created until now, we must also work towards strengthening our development of global human resources and enhancing our innovative abilities, as we move forward in carrying out proactive university reform.

I believe that Tohoku University will lead the next generation in building the future, and make a place for itself in history. With your understanding and support, we will work together with many people and strive to realize our goals, so that we may better contribute to the development of a peaceful and just world community.

July 2016 Susumu Satomi President, Tohoku University

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



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

Tohoku University's distinct logo was created in 2007, at the 100<sup>th</sup> anniversary of the university's founding. The key concepts behind the design are 3-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 Eastern 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
21th	Susumu Satomi	April 1, 2012	



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

# ■ Japan Academy Members

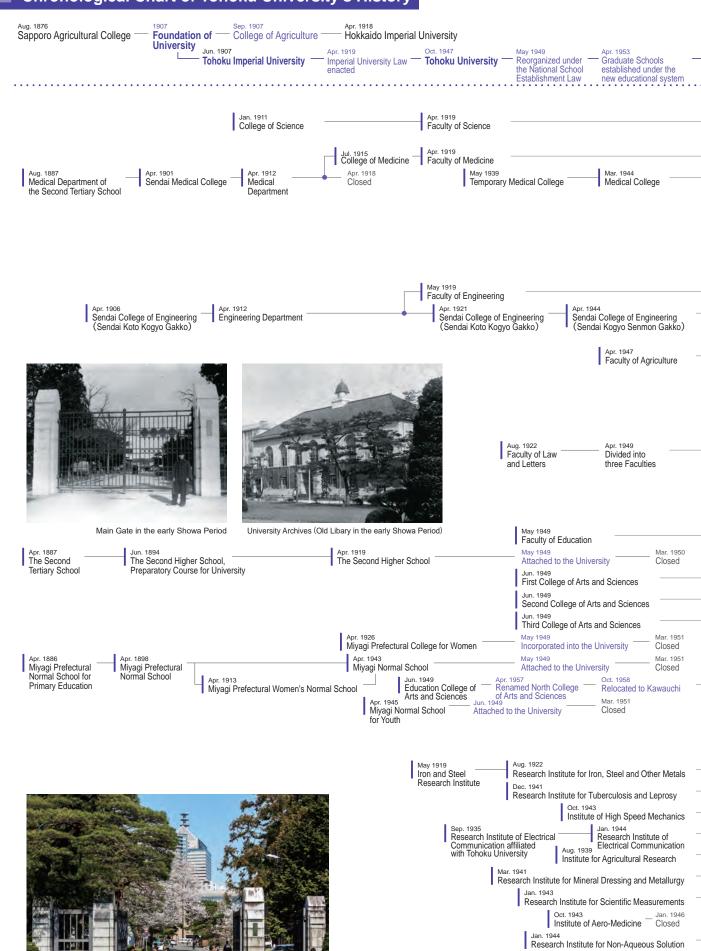
(As of May 2016)

#### 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 Solution
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	Zennosuke Nakagawa	Faculty of Law

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2003 Shunichi Iwasaki Research Institute of Electrical Communication 2006 Koichi Tanaka Faculty of Engineering, Honorary Doctor	2001	Ryoen Minamoto	Faculty of Arts and Letters
2006 Koichi Tanaka Faculty of Engineering, Honorary Doctor	2002	Osamu Kaneya	Faculty of Arts and Letters
, , ,	2003	Shunichi Iwasaki	Research Institute of Electrical Communication
2006 Akihisa Inoue Institute for Materials Research	2006	Koichi Tanaka	Faculty of Engineering, Honorary Doctor
	2006	Akihisa Inoue	Institute for Materials Research
2010 Sadao Koyama School of Law	2010	Sadao Koyama	School of Law
2010 Sumio lijima Research Institute for Scientific Measurements	2010	Sumio lijima	Research Institute for Scientific Measurements
2013 Tokiyasu Fujita Graduate School of Law	2013	Tokiyasu Fujita	Graduate School of Law

### **Chronological Chart of Tohoku University's History**

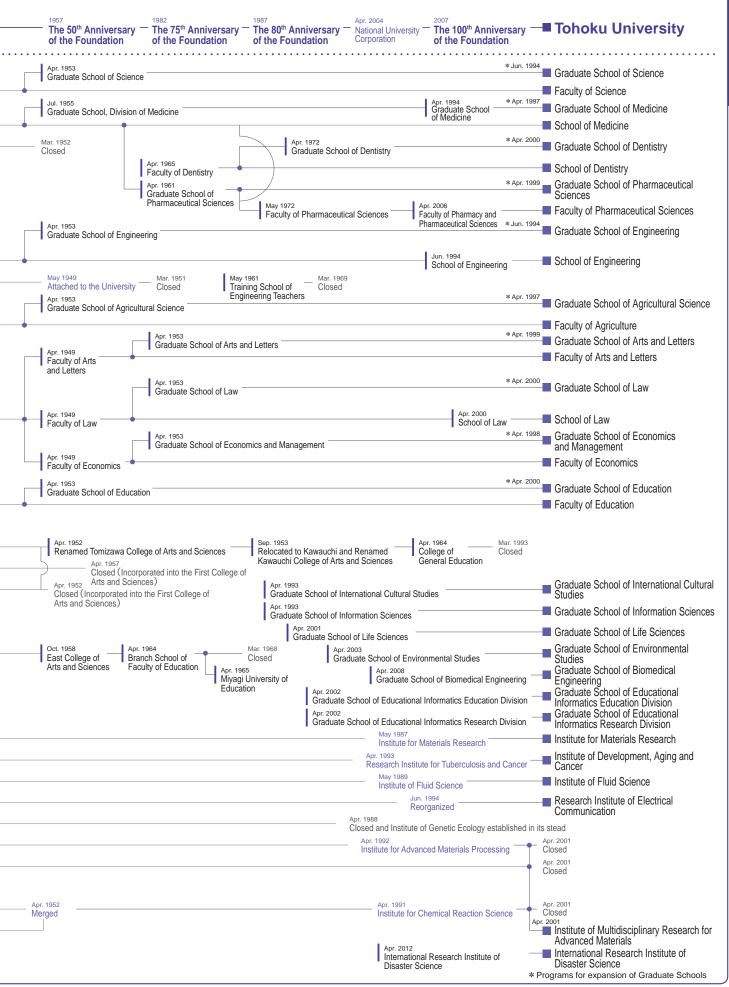


Katahira Campus Main Gate

Jan. 1945

Research Institute for Glass

(as of May 2016)



#### 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 the Japan's Order of Culture / The 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 3rd (Culture Day) at the Imperial Palace, the 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

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Order of Culture (Year Awarded)	Persons of Cultural Merit Award	Name	Affiliation
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 lijima	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 May 2016)

#### Japan Academy Prize

1914 (4th)   Shirota Kusakabe   College of Science	Y	ear Awarded	Name	Affiliation
1917 (7th)   Riko Majima   Colege of Science		1914 (4th)	Shirota Kusakabe	College of Science
○ 1918 (8th)         Keita Shibata         College of Agriculture           ○ 1919 (9th)         Jun Ishihara         Faculty of Science           1919 (9th)         Koichi Ichikawa         College of Agriculture           ○ 1921 (11th)         Gennosuke Fuse         Faculty of Medicine           1925 (15th)         Shinkishi Hatai         Faculty of Science           1925 (15th)         Shinkishi Hatai         Faculty of Science           △ 1927 (17th)         Takejiro Murakami         Research Institute for Iron, Steel and Other Metals           △ 1927 (17th)         Takejiro Murakami         Research Institute for Iron, Steel and Other Metals           ○ 1928 (18th)         Soichi Kakeya         Faculty of Exercity of Science           1931 (21st)         Hakuju UI         Faculty of Law and Letters           1931 (21st)         Hakaru Masumoto         Research Institute for Iron, Steel and Other Metals           △ 1932 (22xd)         Shintaro Uda         Faculty of Excinere           1933 (23rd)         Hinoshi Nomura         Faculty of Science           1934 (24th)         Yoshiaki Tadokoro         Faculty of Science           1935 (25th)         Saburo Unno         Faculty of Science           1940 (30th)         Tario Kituta         Provisional Institute of Physical and Chemical Research		1916 (6th)	Kotaro Honda	College of Science
○ 1919 (9th)         Jun Ishihara         Faculty of Science           1919 (9th)         Koichi Ichikawa         College of Agriculture           ○ 1921 (11th)         Gennosuke Fuse         Faculty of Medicine           1921 (11th)         Hikoshichiro Matsumoto         Faculty of Science           1925 (15th)         Shinkishi Hatai         Faculty of Science           △ 1925 (15th)         Takeshi Sone         Research institute for Iron, Steel and Other Metals           △ 1927 (17th)         Takejiro Murakami         Research institute for Iron, Steel and Other Metals           ○ 1928 (18th)         Soichi Kakeya         Faculty of Science           1931 (21st)         Hakaru Masumoto         Research Institute for Iron, Steel and Other Metals           △ 1932 (22nd)         Shintaro Uda         Faculty of Engineering           △ 1933 (23rd)         Hiroshi Nomura         Faculty of Science           1934 (24th)         Yoshiaki Tadokoro         Faculty of Science           1936 (26th)         Tomizo Yoshida         Faculty of Science           1936 (26th)         Tomizo Yoshida         Faculty of Medicine           1940 (30th)         Tario Kikuta         Provisional Institute of Physical and Cherrical Research           1941 (31st)         Kinjiro Okabe         Faculty of Science		1917 (7th)	Riko Majima	College of Science
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○ 1921 (11th)         Gennosuke Fuse         Faculty of Medicine           1921 (11th)         Hikoshichiro Matsumoto         Faculty of Science           1925 (15th)         Shinkishi Hatai         Faculty of Science           △ 1925 (15th)         Takeshi Sone         Research Institute for Iron, Steel and Other Metals           △ 1927 (17th)         Takejiro Murakami         Research Institute for Iron, Steel and Other Metals           ○ 1928 (18th)         Solichi Kakeya         Faculty of Science           1931 (21st)         Hakuju UI         Faculty of Law and Letters           1931 (21st)         Hakaru Masumoto         Research Institute for Iron, Steel and Other Metals           △ 1932 (22nd)         Shintaro Uda         Faculty of Engineering           △ 1933 (23rd)         Hiroshi Nomura         Faculty of Science           1933 (23rd)         Hiroshi Nomura         Faculty of Science           1936 (26th)         Tomizo Yoshida         Faculty of Science           1936 (26th)         Tomizo Yoshida         Faculty of Medicine           1940 (30th)         Tario Kikuta         Provisional Institute of Physical and Chemical Research           1941 (31st)         Kinjiro Okabe         Faculty of Engineering           1942 (32nd)         Seiji Kaya         Research Institute for Iron, Steel and Other Metals	0	1919 (9th)	Jun Ishihara	Faculty of Science
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		1950 (40th)	Fukusaburo Numachi	Faculty of Engineering
1952 (42nd) litsusahura Samashima Faculty of Science		1951 (41st)	Teizo Ogawa	Faculty of Medicine
1932 (42III) disdoadd Camesiinia i actify of Colonice		1952 (42nd)	Jitsusaburo Sameshima	Faculty of Science
1953 (43rd) Yensho Kanakura Faculty of Arts and Letters		1953 (43rd)	Yensho Kanakura	Faculty of Arts and Letters
1953 (43rd) Tetsuo Nozoe Faculty of Science		1953 (43rd)	Tetsuo Nozoe	Faculty of Science
1953 (43rd) Masao Naruse Faculty of Engineering		1953 (43rd)	Masao Naruse	Faculty of Engineering
O 1953 (43rd) Tomizo Yoshida Faculty of Medicine	0	1953 (43rd)	Tomizo Yoshida	Faculty of Medicine
1954 (44th) Koichi Motokawa Faculty of Medicine		1954 (44th)	Koichi Motokawa	Faculty of Medicine

\* Continued on page 11

# **Prize Winners**

#### Japan Academy Prize

Year	Awarded	Name	Affiliation
195	5 (45th)	Yensho Kanakura	Faculty of Arts and Letters
195	5 (45th)	Ryujo Yamada	Faculty of Arts and Letters
195	5 (45th)	Hakuyu Hadano	Faculty of Arts and Letters
195	5 (45th)	Tokan Tada	Faculty of Arts and Letters
195	5 (45th)	Shiro Akabori	Faculty of Science
195	6 (46th)	Ichiro Hori	Faculty of Arts and Letters
195	7 (47th)	Yutaka Orimo	Faculty of Law
O 195	7 (47th)	Hajime Nakamura	Faculty of Arts and Letters
195	9 (49th)	Osamu Takata	Faculty of Arts and Letters
O 196	0 (50th)	Osamu Takata	Faculty of Arts and Letters
O 196	0 (50th)	Tsugio Miya	Faculty of Arts and Letters
196	0 (50th)	Eizo Kanda	Faculty of Science
196	1 (51st)	Tomoo Sato	Faculty of Engineering
196	1 (51st)	Eikichi Iso	College of Agriculture
196	3 (53rd)	Harujiro Sekiguchi	Research Institute for Iron, Steel and Other Metals
196	7 (57th)	Yunoshin Imai	Research Institute for Iron, Steel and Other Metals
196	8 (58th)	Yoshio Kato	Faculty of Science
196	8 (58th)	Makoto Kandatsu	Institute for Agricultural Research
196	9 (59th)	Mitsuo Miyata	Faculty of Law
196	9 (59th)	Usaburo Mizushima	Faculty of Agriculture
197	0 (60th)	Giichi Yamamoto	Faculty of Science
197	0 (60th)	Heisuke Hironaka	Faculty of Science
197	1 (61st)	Takeo Yokobori	Faculty of Engineering
197	2 (62nd)	Kozo Okamoto	Faculty of Medicine
197	3 (63rd)	Zenji Nishiyama	Research Institute for Iron, Steel and Other Metals
197	4 (64th)	Jun-ichi Nishizawa	Research Institute of Electrical Communication
197	5 (65th)	Toshio Kitazumi	Faculty of Arts and Letters
197	5 (65th)	Yoichi Higuchi	Faculty of Law
197	5 (65th)	Hidesato Ito	Institute of High Speed Mechanics
197	5 (65th)	Takashi Kubota	Faculty of Science
<b>※</b> 197	7 (67th)	Shinji Takahashi	Faculty of Medicine
197	7 (67th)	Kinji Shimada	Faculty of Law and Letters
197	7 (67th)	Shun-ichi Akasofu	Faculty of Science
197	9 (69th)	Taketoshi Sato	Faculty of Law and Letters
198	0 (70th)	Tetsuji Kametani	Faculty of Pharmaceutical Sciences
198	1 (71st)	Akira Kinoshita	Faculty of Economics
<b>*</b> 198	2 (72nd)	Shizuo Kakutani	Faculty of Science

	1983 (73rd)	Tsuyoshi Masumoto	Research Institute for Iron, Steel and Other Metals
	1987 (77th)	Nakao Ishida	School of Medicine
	1987 (77th)	Shunichi lwasaki	Research Institute of Electrical Communication
	1987 (77th)	Yoshikatsu Tsuboi	Faculty of Engineering
0	1988 (78th)	Makoto Numata	Institute of Agricultural Research
*	1989 (79th)	Yorio Hinuma	School of Dentistry
*	1990 (80th)	Koji Nakanishi	Faculty of Science
	1990 (80th)	Hiroshi Tsuji	Faculty of Engineering
	1992 (82nd)	Hideji Suzuki	Institute for Materials Research
	1993 (83rd)	Hajime Yamamoto	School of Dentistry
	1993 (83rd)	Keiya 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 lijima	Research Institute for Scientific Measurements
0	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
	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 Ohrui	Graduate School of Life Sciences
0	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 Sciences
	2014 (104th)	Masayuki Yamamoto	Graduate School of Medicine
	2014 (104th)	Nobuo Shuto	School of Engineering
	2015 (105th)	Masakuni Suzuki	School of Medicine

 <sup>○</sup> 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 Awards**

#### Recipients of the Presidential Prize for Research Excellence

This prize is given to academic staff of Tohoku University who have made a significant contribution to education, research and development of academic culture of Tohoku University.

Date	Name	Affiliation
March 26, 2014	Masayuki Yamamoto	Professor, Graduate School of Medicine Executive Director, Tohoku Medical Megabank Organization
March 27, 2013	Eimei Sato	Professor, Graduate School of Agricultural Science
March 27, 2013	Masataka Nakazawa	Professor, Director of Research Institute of Electrical Communication
September 25, 2009	Masataka Nakazawa	Professor, Research Institute of Electrical Communication
March 25, 2009	Sadafumi Kawato	Professor, Graduate School of Law
March 27, 2007	Koji Kato	Professor, Graduate School of Engineering
September 25, 2006	Akihisa Inoue	Professor, Director of Institute for Materials Research
July 31, 2006	Mitsumasa Koyanagi	Professor, Graduate School of Engineering
March 24, 2006	Atsuto Suzuki	Vice President, Professor of Graduate School of Science
November 26, 2005	Motoko Kotani	Professor, Graduate School of Science
June 29, 2005	Hideo Ohno	Professor, Research Institute of Electrical Communication

#### Recipients of the Presidential Prize for Educational Excellence

This prize is given to academic staff of Tohoku University who have made a significant contribution to education at Tohoku University by conducting and supporting classes and giving a educational guidance on activities and international cultural exchange.

#### FY 2015

. 2010		
Name	Affiliation	
Takashi Sekiuchi	Professor, Institute for Excellence in Higher Education	
Kensuke Sugiura	Professor, Graduate School of International Cultural Studies	
International Eduation and Exchange, Graduate School of Economics and Management		
Hiroshi Ishikawa	Associate Professor, Graduate School of Science	
Yuko Suto	Specially Appointed Associate Professor, Institute of Engineering Education, School of Engineering	

#### FY 2014

112011	
Name	Affiliation
Daniel Eichhorst Ben Shearon	Senior Assistant Professors, Institute for Excellence in Higher Education
Steering Committee of Qatar Science Campus, Graduate School of Engineering	
Field Science Center, Graduate School of Agricultural Science	
International Post-Graduate Program in Human Security	

#### FY 2013

Name Affiliation		
Teruo Asakawa	Professor, Center for the Advancement for Higher Education	
Masashige Motoe	Associate Professor, Graduate School of Engineering	
Advisory Committee for the SERMSS Environmental Leadership Program at the Graduate School of Environmental Studies (SERMSS : Strategic Energy at Resource Management and Sustainable Solutions)		
Yasushi Hoshikawa Assistant Professor, Institute of Development, Aging and Cancer		

#### Recipients of the Presidential Award for Outstanding Students (FY 2015)

This award is given to recipients of the Japan Society for the Promotion of Science Ikushi Prize.

Name	Affiliation
Kanako Shojiki	Graduate School of Engineering

#### Recipients of the President's Award (FY 2015)

This award recognizes students for their outstanding academic achievement.

#### Undergraduate

Takayuki Sakurai

Name	Affiliation	
Syuhei Kato	Faculty of Arts and Letters	
Akiko Shiina	Faculty of Arts and Letters	
Ami Oishi	Faculty of Education	
Kazuhiro Yamada	School of Law	
Shota Suzuki	School of Law	
Wataru Oketani	Faculty of Economics	
Saki Tanaka	Faculty of Economics	
Miwako Nakahama	Faculty of Economics	
Masato Kanakubo	Faculty of Science	
Yuji Nakashima	Faculty of Science	
Hiroshi Fujioka	Faculty of Science	
Fumiko Tomiyama	School of Medicine	
Shizuka Yuri	School of Medicine	
Mayu Takada	School of Medicine	
Yumi Morita	School of Dentistry	
Daichi Sano	Faculty of Phamaceutical Sciences	
Yoshiki Takahashi	School of Engineering	
Akie Sotoguchi	School of Engineering	
Naoya Ikeda	School of Engineering	
Masahiro Kato	School of Engineering	
Takashi Saito	School of Engineering	
Shunsuke Imai	School of Engineering	
Shoko Kitamoto	School of Engineering	
Moeko Matoba	School of Engineering	
Risa Shimao	Faculty of Agriculture	
Kazuki Kurasawa	Faculty of Agriculture	
Graduate (Master)		
Name	Affiliation	
Eriko Hirayama	Graduate School of Engineering	
Talaa ada Calaaa	One had a Onland of Fredrick in	

#### Graduate (Professional)

Name	Affiliation		
Shunsuke Matsubara	Graduate School of Law		
Graduate (Doctor)			
Name	Affiliation		
Polovnikova Elena	Graduate School of Arts and Letters		
Kai Nagase	Graduate School of Education		
Yoshifumi Ozawa	Graduate School of Economics and Management		
Kazuo Ota	Graduate School of Science		
Sho Nagao	Graduate School of Science		
Yoshitaka Koseki	Graduate School of Science		
Takeyasu Abe	Graduate School of Science		
Kentaro Tohma	Graduate School of Medicine		
Hiroyuki Nagashima	Graduate School of Medicine		
Yusuke Katsuda	Graduate School of Dentistry		
Miki Hosaka	Graduate School of Pharmaceutical Sciences		
Takuya Mabuchi	Graduate School of Engineering		
Hiroyuki Miyazaki	Graduate School of Engineering		
Kiyonori Takahashi	Graduate School of Engineering		
Yuichi Shintaku	Graduate School of Engineering		
Daiki Matsunaga	Graduate School of Engineering		
Yuta Kudo	Graduate School of Agriculture		
Hiroo Kashima	Graduate School of International Cultural Studies		
Yasunobu Okamura	Graduate School of Information Sciences		
Yuichi Kawamoto	Graduate School of Information Sciences		
Morie Ishida	Graduate School of Life Sciences		
Riyan Achmad Budiman	Graduate School of Environmental Studies		
Naoki Takeishi	Graduate School of Biomedical Engineering		
Kohei Mori	Graduate School of Educational Informatics Education Division		

#### Recipients of the Students' Friendship Association Award

Graduate School of Engineering

This award aims to honor students for outstanding achievement and who epitomize the reputation of Tohoku University.

Year	Name	Affiliation
	Yuuto Suzuki	English Speaking Society
	Kanako Satou	Wind Orchestra
FY 2015	Yoshiki Takahashi	Track and Field
	Tatsuki Degoshi	Tennis
	Tarou Oshiumi	Japanese Archery

#### Recipients of the Tohoku University's Professor Fujino Incentive Award

This award is presented to outstanding and promising Chinese exchange students currently enrolled in the graduate school of Tohoku University.

Year	Name	Affiliation
	Yueshan Li	Graduate School of Arts and Letters
	Jing Xue	Graduate School of Science
FY 2015	Wei Guo	Graduate School of Engineering
	Pengfei Wang	Graduate School of Information Sciences
	Yong Fan	Graduate School of Environmental Studies

#### Recipients of the Sawayanagi Memorial Prize

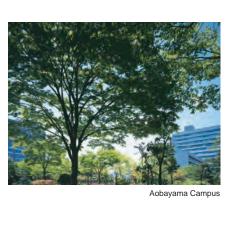
This award is given to individuals or groups that have played active roles and made substantial contribution in various fields as pioneers of gender equality in academia.

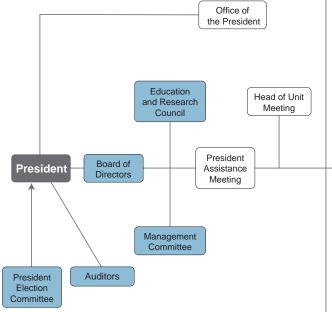
Year	Name	Name Affiliation	
EV 0045	Hisako Ohtsubo	so Ohtsubo Senior Researcher, Research Institute of Pharmacy, School of Pharmacy, Nihon University	
FY 2015	"Shindai Wits" (Niigata University)		The encouragement prize

# Organization Chart

(as of May 1, 2016)

#### University Governance and Academic Units





Administration Bureau			
Administration Bureau			
University Library			
University Hospital			
	Arts and Letters		
	Education		
	Law		
	Economics		
Faculties / Schools	Science		
(10)	Medicine		
	Dentistry		
	Pharmaceutical Sciences		
	Engineering		
	Agriculture		
	Arts and Letters		
	Education		
	Law		
	Economics and Management		
	Science		
	Medicine		
	Dentistry		
Graduate Schools	Pharmaceutical Sciences		
(16)	Engineering		
	Agricultural Science		
	International Cultural Studies		
	Information Sciences		
	Life Sciences		
	Environmental Studies		
	Biomedical Engineering		
	Educational Informatics Research Division, Education Division		
Professional	Law School		
Graduate Schools	School of Public Policy		
(3)	Accounting School		
	Institute for Materials Research		
	Institute of Development, Aging and Cancer		
Deerst	Institute of Fluid Science		
Research Institutes (6)	Research Institute of Electrical Communication		

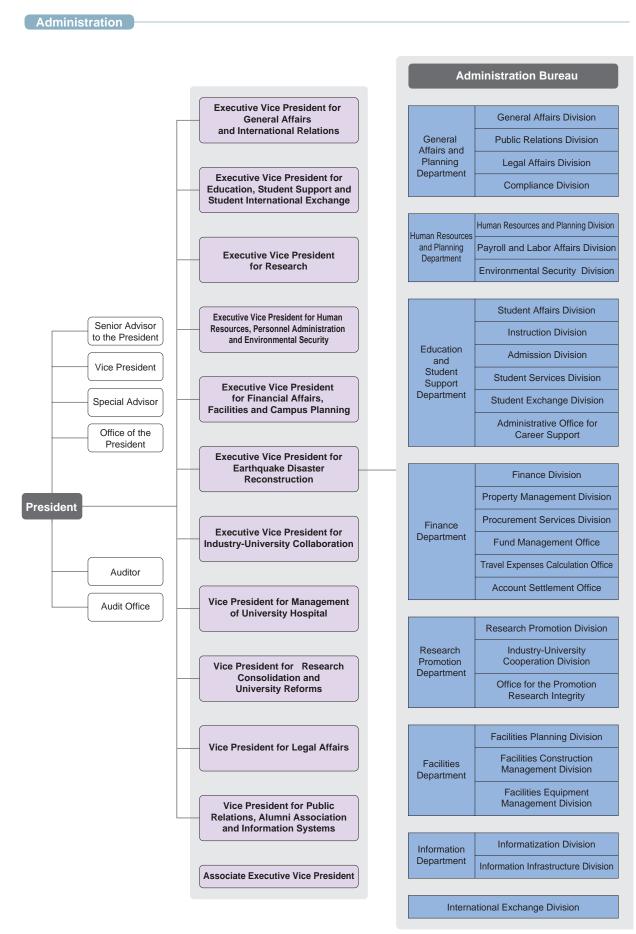
Institute of Multidisciplinary Research for Advanced Materials

International Research Institute of Disaster Science

Inter-Department Institutes for Education and Research (12)

University Collaborating Institutions (11)

(as of May 1, 2016)



#### **Organization Chart** (as of May 1, 2016) National University Corporation Tohoku University Tohoku University Administration Bureau Medical Library Kita-Aobayama Library University Library University Hospital Engineering Library Faculties Arts and Letters Agricultural Library Education Economics Science Medicine Dentistry School of Dental Laboratory Technicians Pharmaceutical Sciences Engineering Agriculture Graduate Schools Arts and Letters Education Law Research Center for Advanced Studies of Law and Policy **Economics and Management** Research and Analytical Center for Giant Molecules Science Medicine Center for Atmospheric and Oceanic Studies Research Center for Prediction of Earthquakes and Volcanic Eruptions Dentistry Pharmaceutical Sciences Engineering → Planetary Plasma and Atmospheric Research Center Agricultural Science Institute for Animal Experimentation International Cultural Studies Center for Translational and Advanced Animal Research on Human Diseases Information Sciences Life Sciences Experimental Station for Medicinal Plant Studies **Environmental Studies** Fracture and Reliability Research Institute Biomedical Engineering Research Center of Supercritical Fluid Technology Educational Informatics Education Division Micro / Nano-Machining Research and Education Center Educational Informatics Research Division Internet School of Tohoku University (ISTU) Research Center for Language, Brain and Cognition Law School School of Public Policy Professional Research Center for Marine Biology \*\*2 **Graduate Schools** Accounting School International Research Center for Nuclear Materials Science Research Institute for Materials Research \*1 Institutes Institute of Development, Aging and Cancer 11 Cooperative Research and Development Center for Advanced Materials Institute of Fluid Science \*1 High Field Laboratory for Superconducting Materials Trans-Regional Corporation Center for Industrial Materials Research Research Institute of Electrical Communication \*1 Institute of Multidisciplinary Research for Advanced Materials 1 Collaborative Research Center on Energy Materials International Research Institute of Cell Resource Center for Biomedical Research Disaster Science Smart Ageing International Research Center PreClinical Research Center Innovative Energy Research Center Laboratory for Nanoelectronics and Spintronics Laboratory for Brainware Systems Research Center for 21st-Century Information Technology Center for Northeast Asian Studies Inter-Department Research Center for Sustainable Materials & Engineering Research Center for Electron Photon Science \*1 Research Center for Neutrino Science Institutes for Education and Center for Advanced Microscopy and Spectroscopy Research Institute for Excellence in Higher Education \*2 Polymer Hybrid Materials Research Center Frontier Research Institute for Center for Exploration of New Inorganic Materials Interdisciplinary Sciences Center for Spintronics Research Network (CSRN) The Center for Academic Resources and Archives The Tohoku University Museum Center for Information Technology in Education Tohoku University Archives Cyclotron and Radioisotope Center **Botanical Gardens** New Industry Creation Hatchery Center (NICHe) Technology Center for Research and Education Activities Center for Low Temperature Science The Electron Microscopy Center Technical Support Center Cyberscience Center \* 1 University — Collaborating Institutions Head office of Enterprise Partnerships Office of Research Promotion Environment Conservation Center Archaeological Research Office on Campus Center for Laboratory Animal Research Center for Gene Research Center for Environmental Conservation and Research Safety Center for Gender Equality Promotion Campus Design Office The Office of Japan-Russia Relations Office of Innovation and Business Office of Institutional Research Organization for Advanced Studies Advanced Institute for Materials Research (AIMR) \*3 Tohoku Forum for Creativity Information Synergy Organization Promotion Office of Strategic Innovation International Initiatives Organization Institute for Promoting Graduate Degree Programs Institute for Disaster Reconstruction and Regeneration Research Tohoku Medical Megabank Organization Research Organization of Electrical Communication Division of Engineering and Technical Staff Micro System Integration Center ( $\mu$ SIC) Center for Spintronics Integrated Systems %1 Joint Usage / Research Center Center for Collaborative Research on Materials Science Joint Educational Development Center Center for Innovative Integrated Electronic Systems World Premier International Research Material Solutions Center(MaSC) Center Initiative Research Center for Rare Metal and Green Innovation Center for the Advancement of Open Online Education

# Administrative Staff

(as of July 12, 2016)

President	Susumu Satomi	Special Advisor (for Earthquake Disaster	V . 1 . W
Executive Vice President (for General	Toshiya Ueki	Reconstruction)	Yutaka Watanabe
Affairs and International Relations)	Toshiya Deki	Special Advisor (for Gender Equality)	Noriko Osumi
Executive Vice President (for Education, Student Support and Student International	Kimio Hanawa	Special Advisor (for Student Support)	Naoki Odanaka
Exchange)	Millio Hallawa	Special Advisor (for Student Support)	Shunji Sugawara
Executive Vice President (for Research)	Sadayoshi Ito	Special Advisor (for Disaster Management)	Takeshi Sato
Executive Vice President (for Human Resources, Personnel Administration and Environmental Security)	Tatsuya Otsuki	Special Advisor (for University Education Reforms)	Hiroki Shizuya
Executive Vice President (for Financial	Yoshihiko Tsukuda	Special Advisor (for Entrance Exam)	Michio Suzuki Yôiti Suzuki
Affairs, Facilities and Campus Planning)	Tooliiiiiko Toukudu	Special Advisor (for Information Systems) Special Advisor (for University Evaluation)	Takashi Sekiuchi
Executive Vice President (for Earthquake Disaster Reconstruction)	Nobuyoshi Hara	Special Advisor (for Public Relations)	Hideaki Sone
Executive Vice President (for Industry- University Collaboration)	Yoshinori Yajima	Special Advisor (for Research) Special Advisor (for Research)	Masaki Takata Tomokazu Matsue
Auditor	Kunihide Kobayashi	Special Advisor (for Research Integrity)	Takashi Hata
Auditor	Yoko Ushio	Special Advisor (for Operational Reforms)	Masahiko Fujimoto
Vice President (for Management of University Hospital)	Nobuo Yaegashi	Special Advisor (for Alumni "Shuyukai") Special Advisor (for COI Management)	Shigenao Maruyama Kazuhiko Yanai
Vice President (for Research Consolidation and University Reforms)	Hiroshi Kanai	Special Advisor (for International Affairs)	Masahiro Yamaguchi
Vice President (for Legal Affairs)	Eiji Hyodo	Special Advisor (for Alumni Association)	Makoto Yoshizawa
Vice President (for Public Relations, Alumni Association and Information	Takafumi Aoki	Special Advisor (For Institutional Research and Effectiveness)	Akiyoshi Yonezawa
Systems) Vice President	Hirotsugu Takizawa	Associate Executive Vice President (for International Affairs)	Masahiro Yamaguchi
Vice President	Hideo Ohno	Associate Executive Vice President (for	Kazuhiko Yanai
Senior Advisor to the President	Heihachiro Amano	COI Management) Associate Executive Vice President (for	
Senior Advisor to the President Senior Advisor to the President	Kentaro Ohyama Yasuyuki Katsumata	Student Support)	Naoki Odanaka
Senior Advisor to the President	Yasuhiro Takasaki	Associate Executive Vice President (for Entrance Exam)	Michio Suzuki
Senior Advisor to the President	Masaharu Hino	Associate Executive Vice President (for	Toshio Miyata
Senior Advisor to the President	Marty Kuehnert	Research)	1051110 IVIIyata
Senior Advisor to the President Special Advisor (for Liberal Arts	Richard Dasher Akira Ando	Associate Executive Vice President (for Research)	Motoko Kotani
Education)  Special Advisor (for Earthquake Disaster		Associate Executive Vice President (for Earthquake Disaster Reconstruction)	Fumihiko Imamura
Reconstruction) Special Advisor (for Earthquake Disaster	Kazuhiko Igarashi	Associate Executive Vice President (for Alumni "Shuyukai")	Shigenao Maruyama
Reconstruction)	Yutaka Nakai		
Administration Bureau			
for an analysis		F- 1- 1 - 1 - 1	
[Office of the President]	Toshiya Heki	[Research Promotion Department]	Hidaaki Ishida
Director	Toshiya Ueki	Director	Hideaki Ishida
Director [General Affairs and Planning Department]	Hitoshi Saito	Director [Facilities Department]	
Director [General Affairs and Planning Department] Director [Human Resources and Planning Departm Director	Hitoshi Saito ent] Makoto Sato	Director  [Facilities Department]  Director  [Information Department]  Director	
Director [General Affairs and Planning Department] Director [Human Resources and Planning Departm Director [Education and Student Support Department]	Hitoshi Saito ent] Makoto Sato nt]	Director [Facilities Department] Director [Information Department] Director [International Exchange Division]	Yoshihiro Wagatsuma Toshiharu Ohkawa
Director [General Affairs and Planning Department] Director [Human Resources and Planning Departm Director [Education and Student Support Departme Director	Hitoshi Saito ent] Makoto Sato	Director  [Facilities Department]  Director  [Information Department]  Director  [International Exchange Division]  Director	Yoshihiro Wagatsuma
Director [General Affairs and Planning Department] Director [Human Resources and Planning Departm Director [Education and Student Support Department]	Hitoshi Saito ent] Makoto Sato nt]	Director [Facilities Department] Director [Information Department] Director [International Exchange Division]	Yoshihiro Wagatsuma Toshiharu Ohkawa
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Director [General Affairs and Planning Department] Director [Human Resources and Planning Department] Director [Education and Student Support Department] Director [Finance Department] Director	Hitoshi Saito ent] Makoto Sato nt] Yoshiyuki Sato Hitoshi Izu hools ers]	Director [Facilities Department] Director [Information Department] Director [International Exchange Division] Director [Audit Office]	Yoshihiro Wagatsuma Toshiharu Ohkawa Yasushi Wagatsuma Isao Sato Faculty of Agriculture]
Director [General Affairs and Planning Department] Director [Human Resources and Planning Department] Director [Education and Student Support Department] Director [Finance Department] Director  Graduate Schools / Faculties / Sc [Graduate School / Faculty of Arts and Lett Dean	Hitoshi Saito ent] Makoto Sato nt] Yoshiyuki Sato Hitoshi Izu	Director [Facilities Department] Director [Information Department] Director [International Exchange Division] Director [Audit Office] General Manager  [Graduate School of Agricultural Science / Facility Properties of the Propert	Yoshihiro Wagatsuma Toshiharu Ohkawa Yasushi Wagatsuma Isao Sato Faculty of Agriculture] Michio Komai
Director [General Affairs and Planning Department] Director [Human Resources and Planning Department] Director [Education and Student Support Department] Director [Finance Department] Director  Graduate Schools / Faculties / Sc [Graduate School / Faculty of Arts and Lett Dean [Graduate School / Faculty of Education]	Hitoshi Saito ent] Makoto Sato nt] Yoshiyuki Sato  Hitoshi Izu hools ers] Hiroo Sato	Director [Facilities Department] Director [Information Department] Director [International Exchange Division] Director [Audit Office] General Manager  [Graduate School of Agricultural Science / Repair Content of Content	Yoshihiro Wagatsuma Toshiharu Ohkawa Yasushi Wagatsuma Isao Sato Faculty of Agriculture] Michio Komai Studies]
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Director  [General Affairs and Planning Department] Director  [Human Resources and Planning Department] Director  [Education and Student Support Department] Director  [Finance Department] Director  Graduate Schools / Faculties / Sc  [Graduate School / Faculty of Arts and Lett Dean  [Graduate School / Faculty of Education] Dean  [Graduate School of Economics and Management Dean  [Graduate School / Faculty of Science] Dean  [Graduate School / School of Medicine] Dean  [Graduate School / School of Medicine] Dean  [Graduate School / School of Dentistry] Dean  [Graduate School / Faculty of Pharmaceutic Dean  [Graduate School / Faculty of Pharmaceutic Dean	Hitoshi Saito ent] Makoto Sato nt] Yoshiyuki Sato  Hitoshi Izu hools ers] Hiroo Sato  Mitsuru Takahashi  Takeshi Hirata nt / Faculty of Economics] Jiro Akita  Tadahiro Hayasaka  Tooru Shimosegawa  Keiichi Sasaki	Director  [Facilities Department]  Director  [Information Department]  Director  [International Exchange Division]  Director  [Audit Office]  General Manager  [Graduate School of Agricultural Science / Facility of the properties	Yoshihiro Wagatsuma Toshiharu Ohkawa Yasushi Wagatsuma Isao Sato Faculty of Agriculture] Michio Komai Studies] Takashi Kuroda Takeshi Tokuyama Atsushi Higashitani I Toshiaki Yoshioka I Shin-ichi Izumi I Seducation Division] Shinichi Watabe
Director  [General Affairs and Planning Department] Director  [Human Resources and Planning Department] Director  [Education and Student Support Department] Director  [Finance Department] Director  Graduate Schools / Faculties / Sc  [Graduate School / Faculty of Arts and Lett Dean  [Graduate School / Faculty of Education] Dean  [Graduate School of Economics and Management Dean  [Graduate School / Faculty of Science] Dean  [Graduate School / School of Medicine] Dean  [Graduate School / School of Medicine] Dean  [Graduate School / School of Dentistry] Dean  [Graduate School / Faculty of Pharmaceutic	Hitoshi Saito ent] Makoto Sato nt] Yoshiyuki Sato  Hitoshi Izu hools ers] Hiroo Sato  Mitsuru Takahashi  Takeshi Hirata nt / Faculty of Economics] Jiro Akita  Tadahiro Hayasaka  Tooru Shimosegawa  Keiichi Sasaki cal Sciences]	Director  [Facilities Department]  Director  [Information Department]  Director  [International Exchange Division]  Director  [Audit Office]  General Manager  [Graduate School of Agricultural Science / Facility of the properties	Yoshihiro Wagatsuma Toshiharu Ohkawa Yasushi Wagatsuma Isao Sato Faculty of Agriculture] Michio Komai Studies] Takashi Kuroda Takeshi Tokuyama Atsushi Higashitani Isao Sato Sato Sato Sato Sato Sato Sato Sato
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	Toshiya Deki		
University Hospital	Nahua Vaagaahi		
Director	Nobuo Yaegashi		
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[Center for Northeast Asian Studies]	Hisali Olas	[Botanical Gardens]	Talam Malasahian
Director	Hiroki Oka	Director	Tohru Nakashizuk
Research Center for Electron Photon  Director	Hiroyuki Hama	Center for Information Technology in Ed	
Research Center for Neutorino Scien		[Cyclotron and Radioisotope Center]	Hiroki Shizuya
Director	Kunio Inoue	Director	Kazuhiko Yanai
Institute for Excellence in Higher Edu		[New Industry Creation Hatchery Center	
Director	Kimio Hanawa	Director	Hirotsugu Takizaw
Frontier Research Institute for Interdi		Technology Center for Research and E	
Director	Masaaki Sato	Director	Sadayoshi Ito
Center for Spintronics Research Net		[Center for Low Temperature Science]	Sauayosiii ito
Director	Hideo Ohno	Director	Takahiko Sasaki
The Center for Academic Resources			Takatiku Sasaki
Director	Hiroshi Nishi	[The Electron Microscopy Center]  Director	Toyohiko Konno
The Tohoku University Museum	I III OO III I III OO III	[Technical Support Center]	TOYOTIKO KOTITO
Director	Yasufumi Iryu	Director	Sadayoshi Ito
Tohoku University Archives	rasulullii II yu	[Cyberscience Center]	Sauayosiii ilo
Director	Tomohiro Yakuwa	Director	Hideaki Sone
■ University Collaborating Inst		Director	nideaki Sorie
Head office of Enterprise Partnership		[Center for Environmental Conservation	and Passarch Safaty1
Director	Yoshinori Yajima	Director	Tatsuya Otsuki
Office of Research Promotion	fostilitori fajirria	[Center for Gender Equality Promotion]	Taisuya Oisuki
Director	Sadayoshi Ito	Director	Toshiya Ueki
[Environment Conservation Center]	Sadayosiii ito	[Campus Design Office]	105iliya Oeki
Director	Tatsuya Otsuki	Director	Yoshihiko Tsukuda
Archaeological Research Office on C		[The Office of Japan-Russia Relations]	TOSTIITIKO TSUKUUZ
Director	Atsushi Fujisawa	Director	Toshiya Ueki
Center for Laboratory Animal Resear		[Office of Innovation and Business]	103Hlya Oeki
Director	Ritsuko Shimizu	Director	Yoshinori Yajima
[Center for Gene Research]	Titisako ommizu	[Office of Institutional Research]	1031III1011 Tajii11a
Director	Hozumi Motohashi	Director	Akiyoshi Yonezaw
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Director	Sadayoshi Ito		
Advanced Institute for Materia			
Director	Motoko Kotani		
■Tohoku Forum for Creativity			
Director	Sadayoshi Ito		
■ Information Synergy Organiza	ation		
Director	Yôiti Suzuki		
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Institute for Disaster Reconst	ruction and Regeneration Re	esearch	
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■Division of Engineering and To	echnical Staff		
Director	Tatsuya Otsuki	A V PA	_
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Director	Masayoshi Esashi		
Contar for Spintropies Intogra			



Katahira Campus

Director

■ Center for Spintronics Integrated Systems

■Material Solutions Center

**■**Center for Collaborative Research on Materials Science

**■**Center for Innovative Integrated Electronic Systems

■ Research Center for Rare Metal and Green Innovation

■ Center for the Advancement of Open Online Education

Hideo Ohno

Sadayoshi Ito

Tetsuo Endoh

Koki Takanashi

Satoshi Sugimoto

Kimio Hanawa

# **President Election Committee / Board of Directors / Management Committee**

(as of July 12, 2016)

# President Election Committee

<b>External Members</b>	
Heihachiro Amano	Lead Supervisor, Automobile Business Association of Miyagi
Motoyuki Ono	Trustee, Josai University Educational Corporation / Director, Josai Center for Graduate Studies / Advisor, Japan Society for the Promotion of Science
Reiko Kuroda	Professor, Research Institute for Science and Technology, Organization for Research Advancement, Tokyo University of Science
Satoshi Seino	Chairman of the Board, East Japan Railway Company
Hiroaki Takahashi	Chairman, Tohoku Econonic Federation / Senior Advisor, Tohoku Electric Power Co., INC. President, Sendai Philharmonic Orchestra
Atsuko Toyama	President, The Toyota Foundation / Former Minister of Education, Culture, Sports, Science and Technology

Internal Members	
Hirotsugu Takizawa	Vice President (Dean, Graduate School of Engineering)
Hideo Ohno	Vice President (Director, Research Institute of Electrical Communication)
Jiro Akita	Dean, Graduate School of Economics
Tadahiro Hayasaka	Dean, Graduate School of Sciences
Tooru Shimosegawa	Dean, Graduate School of Medicine
Keiichi Sasaki	Dean, Graduate School of Dentistry

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Toshiya Ueki	Executive Vice President
Kimio Hanawa	Executive Vice President
Sadayoshi Ito	Executive Vice President

Tatsuya Otsuki	Executive Vice President
Yoshihiko Tsukuda	Executive Vice President
Nobuyoshi Hara	Executive Vice President
Yoshinori Yajima	Executive Vice President

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Masayuki Oku  Chairman of the Board, Sumitomo Mitsui Financial Group  Trustee, Josai University Educational Corporation / Director, Josai Center for Graduate Studies / Advisor, Japan Society for the Promotion of Science  Tadashi Onodera  Kumiko Obino  CEO INTERACT JAPAN Inc.  Chairman, KDDI Corporation  Kumiko Obino  CEO INTERACT JAPAN Inc.  Chairman, Sendai Chamber of Commerce and Industry Chairman, The 77Bank, Ltd.  Professor, Research Institute for Science and Technology, Organization for Research Advancement, Tokyo University of Science Advisor, Nikkei, Inc. / Special Senior Advisor, Japan Center for Economic Research  Shigeharu Suzuki  Chairman of the Board, Daiwa Securities Group Inc. Satoshi Seino  Chairman of the Board, East Japan Railway Company Chairman, Tohoku Econonic Federation / Senior Advisor, Tohoku Electric Power Co., Inc. President, Sendai Philharmonic Orchestra  Ryoji Chubachi  Atsuko Toyama  Tetsuro Higashi  Corporate Director, Corporate Advisor, Tokyo Electron Limited	<b>External Members</b>	
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Reiko Kuroda  Reiko Kuroda  Reiko Kuroda  Reiko Kuroda  Ryoki Sugita  Ryoki Sugita  Ryoki Sugita  Ryoki Sugita  Ryoki Seino  Chairman, The TrBank, Ltd.  Professor, Research Institute for Science and Technology, Organization for Research Advancement, Tokyo University of Science  Advisor, Nikkei, Inc. / Special Senior Advisor, Japan Center for Economic Research  Chairman of the Board, Daiwa Securities Group Inc.  Satoshi Seino  Chairman of the Board, East Japan Railway Company  Chairman, Tohoku Econonic Federation / Senior Advisor, Tohoku Electric Power Co., Inc. President, Sendai Philharmonic Orchestra  Ryoji Chubachi  Ryoji Chubachi  Atsuko Toyama  Atsuko Toyama  President, The Toyota Foundation / Former Minister of Education, Culture, Sports, Science and Technology  Corporate Director, Corporate Advisor, Tokyo Electron Limited	Kumiko Obino	CEO INTERACT JAPAN Inc.
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Katahira Campus

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Mitsunobu Miyake	Professor, Graduate School of Economics and Management
Ken-ichi Hikasa	Professor, Graduate School of Science
Kazuhiko Igarashi	Professor, Graduate School of Medicine
Nobuhiro Takahashi	Professor, Graduate School of Dentistry
Yoshinori Kondo	Professor, Graduate School of Pharmaceutical Sciences
Masayuki Kawamata	Professor, Graduate School of Engineering
Amane Makino	Professor, Graduate School of Agricultural Science
Takeshi Okada	Professor, Graduate School of International Cultural Studies
Mitsuyuki Nakao	Professor, Graduate School of Information Sciences
Hideyuki Takahashi	Professor, Graduate School of Life Sciences
Eiki Kasai	Professor, Graduate School of Environmental Studies
Yoshifumi Saijo	Professor, Graduate School of Biomedical Engineering
Toyohiko Konno	Professor, Institute for Materials Research
Hozumi Motohashi	Professor, Institute of Development, Aging and Cancer
Taku Ohara	Professor, Institute of Fluid Science
Satoshi Shioiri	Professor, Research Institute of Electrical Communication
Shigeru Suzuki	Professor, Institute of Multidisciplinary Research for Advanced Materials
Hiroaki Maruya	Professor, International Research Institute for Disaster Science
Tsutomu Sekine	Professor, Institute for Excellence in Higher Education
Hiroshi Nishi	Professor, Inter-Department Institutes for Education
Hideaki Sone	Professor, Inter-Department Institutes for Research



Kawauchi Campus



Aobayama Campus

# University Personnel

(as of May 1, 2016)

	Classification	President	Executive Vice Presidents	Auditors	Professors	Associate Professors	Senior Assistant Professors	Drofoccore	Research Associates		Administrative/ Technical Staff	Grand Total
President		1										1
Executive Vid	ce President		7									7
Auditor				2 (1)								2
	Office of the President										7	7
	General Affairs and Planning Department							1	1	2		53
	Human Resources and Planning Department										59	59
	Education and Student Support Department										98	98
Administration											79	79
Bureau	Research Promotion Department										20	20
	Facilities Department										45	45
	Information Department										19	19
	International Exchange Division										15	1
	Audit Office										6	- (
	hool of Arts and Letters				42	35		12				109
	hool of Education				13	16	1	3		33		43
Graduate Sc					36	13	2					72
	hool of Economics and Management				36	20	3					80
	hool of Science				73	77	4					310
	hool of Medicine				89	67	24		24			369
	hool of Dentistry				19	16	10			106		123
	hool of Pharmaceutical Sciences				20	12	5					84
	hool of Engineering				114	116	2					46
	hool of Agricultural Science				42	40		39	3			150
	hool of International Cultural Studies				24	15	1			40		5
	hool of Information Sciences				32	33	1			101	11	11:
	hool of Life Sciences				26	16	2	34		78	14	9:
	hool of Environmental Studies				15	17						
	hool of Biomedical Engineering				20	7	2					40
Graduate Sc	hool of Educational Informatics				3	2		4		9		9
Institute for N	Materials Research				28	34	2	60	6	130	38	168
Institute of D	evelopment, Aging and Cancer				20	7	4	27		58	13	7
Institute of FI	luid Science				15	13		12		40	10	50
Research Ins	stitute of Electrical Communication				23	19		24		66	16	82
Institute of Mult	tidisciplinary Research for Advanced Materials				47	28	7	70	2	154	30	184
International	Research Institute of Disaster Science				21	14	2	24	3	64	8	72
	Main Library										28	28
	Medical Library										6	6
University	Kita-Aobayama Library										5	5
Library	Engineering Library										8	3
	Agricultural Library										4	
University Ho	ospital				5	16	60	222	65	368	1,803	2,171
Center for No	ortheast Asian Studies				10	6		7		23		23
Research Ce	enter for Electron Photon Science				4	4		5		13		13
Research Ce	enter for Neutorino Science				2	4	1	6		13		13
Institute for E	Excellence in Higher Education				29	26	22	16	4	97	18	115
	arch Institute for Interdisciplinary Sciences				5	5		49		59	1	60
	or Academic Resources and Archives				3	4		6		13		13
	formation Technology in Education				2	3		2		8		
	d Radioisotope Center				5	1						10
	/ Creation Hatchery Center				21	18		13				6
	enter for Research and Education Activities					1		.5		1		;
Cyberscience					3			2		9		
	of Enterprise Partnerships							_		J	13	1
	search Promotion				1				1	2		1:
	cal Research Office on the Campus				- 1				<u>'</u>		3	
	ene Research					1				1		
	ronmental Conservation and Research Safety				1			4	1			10
	ender Equality Promotion				- 1			1		10		
Campus Des											3	;
	pan - Russia Relations										1	
	ovation and Business										2	:
	itutional Research				1					1		•
	stitute for Materials Research				13	16		34	33			11:
	m for Creativity				13			34		4		113
	Synergy Organization				1			3		4	2	
					2					2		
	fice of Strategic Innovation					7	40	24	7			
Tohoku Medical Megabank Organization					12		10	31	7			8
	ganization of Electrical Communication				1					1		40
	ngineering and Technical Staff							_			400	40
	n Integration Center (µSIC)				1			7	4			1
	pintronics Integrated Systems					1				1		
	novative Integrated Electronic Systems				7	3		1		11		15
	utions Center (MaSC)										2	2
	Advancement of Open Online Education	1									1	1
Regular Pers	egular Personnel			2 (1)	887	741	172	1,197	196	3,193	3,274	6,477

Counts include employees on leave status.
 ( ) indicates the number of part-time personnel.

# Faculties / Schools

Departments

**Humanities and Social Sciences** 

Education

**Educational Science** 

Law

Law

**Economics Business Administration** 

Science

Mathematics **Physics** Astronomy and Geophysics Chemistry Geoenvironmental Science Earth and Planetary Materials Science Medicine

Medical Sciences Health Sciences

Dentistry

Dentistry

Pharmaceutical

Pharmacy Pharmaceutical Science

Mechanical and Aerospace Engineering Electrical, Information and Physics Engineering Applied Chemistry, Chemical Engineering and Biomolecular Engineering Materials Science and Engineering Civil Engineering and Architecture

Departments

Agriculture

Applied Bio-Sciences Applied Biological Chemistry

# **Graduate Schools**

Departments

**Arts and Letters** 

**Humane Studies** Linguistic Studies Historical Studies **Human Sciences** 

Educational Science Educational Design and Measurement

Law

Law and Society (Law School)
Public Law and Policy (School of Public Policy) Legal and Political Studies (Graduate School of Law)

Management

**Economics and Management** Accountancy (Accounting School)

Mathematics **Physics** Astronomy Geophysics Chemistry Earth Science

Medicine

Medical Sciences Disability Sciences Health Sciences Public Health

**Dental Sciences** 

Finemechanics

Pharmaceutical Sciences

Molecular Pharmaceutical Science Life and Pharmaceutical Science Pharmacy

Mechanical Systems Engineering

**Engineering** 

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 Robotics

Agricultural Science

International Cultural Studies

nformation **Sciences** 

Life Sciences

Environmental Studies

Biomedical

Educational Informatics Education Division

Informatics Research Division

Professional Graduate Schools

Departments

Biological Resource Sciences Life Sciences Bioscience and Biotechnology for Future Bioindustries

International Cultural Studies

Computer and Mathematical Sciences System Information Sciences Human-Social Information Sciences Applied Information Sciences

Biomolecular Sciences Developmental Biology and Neurosciences Environmental Life Sciences

Environmental Studies for Advanced Society Frontier Science for Advanced Environment

Biomedical Engineering

Educational Informatics

Law School School of Public Policy Accounting School

# Research Institutes

Institute	Division	Mission
Institute for Materials Research (Joint Usage / Research Center)	30 divisions	Experimental and Theoretical Studies of New Materials and their applications
Institute of Development, Aging and Cancer (Joint Usage / Research Center)	7 divisions	Basic and Clinical Studies of Cancer and Brain Diseases related to the aging process
Institute of Fluid Science (Joint Usage / Research Center)	4 divisions	Theoretical and Experimental Studies on Fluid Flows
Research Institute of Electrical Communication (Joint Usage / Research Center)	4 divisions	Theory and Application of Intelligent Information Science and Communications
Institute of Multidisciplinary Research for Advanced Materials (Joint Usage / Research Center)	4 divisions	Systematic and futuristic studies of new concepts, methodologies and processes related to advanced materials
International Research Institute of Disaster Science	7 divisions	Research on the Theory and Application of Disaster Sciences

# Inter-Department Institutes for Education and Research

Institute	Mission
Center for Northeast Asian Studies	To carry out regional interdisciplinary and integrated studies of North and East Asia, including Japan.
Research Center for Electron Photon Science (Joint Usage / Research Center)	Using the various electron and photon beams produced via electron accelerators, we aim to promote fundamental study and applied research of the various classes of materials in nuclear physics, accelerator science and material science. Furthermore, through the development of new electron photon beams, we aim to break new ground in unexplored areas of research, develop new areas of research while nurturing researchers and technical experts in the various fields of electron photon science.
Research Center for Neutrino Science	To contribute to the advancement of particle physics, astrophysics and geophysics through observation of low-energy neutrinos and research experiments conducted in extremely low-level radioactive environments.
Institute for Excellence in Higher Education (Joint Educational Development Center)	To plan, promote, and support professional development, and to raise the level of knowledge and pedagogy in universities in cooperation with departments.
Frontier Research Institute for Interdisciplinary Sciences	To develop and promote interdisciplinary research by making functional use of Tohoku University's knowledge with supporting senior and young researchers for the contribution to the advancement of mankind.
Center for Spintronics Research Network (CSRN)	To foster international as well as domestic collaboration in spintronics to enhance existing areas of research and to create new areas aiming at deepening science and creating new branches of industry, this center will promote cooperative research and be the hub of a network with other research institutions within Japan and overseas.
The Center for Academic Resources and Archives	To collect, store, preserve and research scholarly materials belonging to the University: including scientific specimens, important official documents as historical records and other materials relating to the University's history, and biological resources grown within the Botanical Gardens; thereby contributing to education and research at the University while also disseminating and making widely available such materials for the advancement of education in society.
Center for Information Technology in Education	To promote information sciences education, multimedia education and distance learning, to provide digital services for undergraduate and graduate students, and to manage and develop information systems necessary for the achievement of these objectives.
Cyclotron and Radioisotope Center	To conduct research studies in various energy fields using the cyclotron and high-level, short-lived radioisotopes, as well as to carry out training in the safe handling of radiation and radioisotopes. Interdisciplinary research is carried out in nuclear biology with an accelerator and instrumentations, as well as in radiopharmaceutical chemistry, cyclotron nuclear medicine, and radiation protection and safety control.
New Industry Creation Hatchery Center (NICHe)	To respond to the needs of society by creating new technologies and products as well as by exploring new uses and industries. Original and cutting edge research is carried out in collaboration with industry.
Technology Center for Research and Education Activities	Establish large-scale research facilities which contribute to the advancement of research and education and to manage these facilities in order to make them available for common use by faculty and other qualified persons. To offer a stable supply of low-temperature liquid and providing guidance in cryogenic technology. To promote upgrading, and the fusing of education and research with social contribution at the University, ensure research functions and equipment designated by the University are shared widely both within and outside of the University through collaborations with campus wide departments, schools and institutions.
Cyberscience Center (Joint Usage / Research Center)	The Cybersience Center functions as both the Inter-Department Institution for Education and Research, and as the National Collaborative Research Institute. It fulfills a key role in promoting computerization in the University, managing design and operation of cyberinfrastructure based upon high-performance computing, networking and information-related technologies which promote the use of advanced information technology in research and education.

# University Collaborating Institutions

Institution	Mission
Head Office of Enterprise Partnerships	To facilitate practical use of the university's research results in society and make contributions to the promotion of innovation in social and economic development, while overseeing the university's activities for industry-academia-government collaborations with its management at a global standard.
Office of Research Promotion	This office cooperates with the Tohoku University Research Promotion Council in order to promote research at Tohoku University.
Environment Conservation Center	To protect the environment by the correct disposal of all waste products including wastewater, spent oil and other harmful waste (excluding radioactive waste) resulting from research activities conducted at this university. In addition, to conduct research on the technologies needed to deal with the different types of waste, and develop technologies free from secondary pollution for the utilization of waste as raw chemical materials.
Archaeological Research Office on Campus	To investigate and research archeological findings on campus and plan for their preservation and use.
Center for Laboratory Animal Research	To evaluate animal experimentation protocols conducted by the Environment/Security Committee and the Institutional Animal Care and Use Committee, to encourage compliance of regulations and safe management in animal experimentation, and to provide education and training to people conducting animal experimentation, we aim to maintain the legality of animal experimentation in our university and promote safe management of animal experimentation through these operations.
Center for Gene Research	To evaluate gene recombination research plans conducted by the Environment/Security Committee and the Gene Recombination Research Security Committee. To encourage compliance of regulations and safe management in gene recombination research, and to provide education and training to people conducting gene recombination. We also aim to maintain the legality of gene recombination research in our university and promote safe management of gene recombination research through these operations.
Center for Environmental Conservation and Research Safety	Promoting and encouraging educational and research facilities on campus to manage environmental protection, safety, and health.
Center for Gender Equality Promotion	Promoting gender equality at Tohoku University by taking measures to foster and support female researchers based on the policies of the Committee for Gender Equality.
Campus Design Office	To conduct surveys and researches on campus design from the standing point of long-term view and succeeding the tradition of Tohoku University, and to provide expert support to the Campus Comprehensive Planning Committee.
The Office of Japan- Russia Relations	To work together with related departments and promote university-level exchange with Russian institutions. To contribute to the development of global research and education networks through the establishment and operation of the Japanese Inter-university Russia Office.
Office of Innovation and Business	Promoting commercialization out of university's research outcomes and creating business values to university's intellectual properties by planning, development and effective exercise of "university-led joint industry research and development programs" including application call, evaluation, recommendation for selection, exercise planning and support, and program management through communication with university research centers and departments among others.
Office of Institutional Research	To collect and analyze information and data regarding the university's education, research and other activities so that it can be used in effective and strategic planning and management of the university.

### **Organization for Advanced Studies**

Mission

Create a research support system and international research environment where world-class researchers will gather, as well as new academic fields that will surpass our university's current academic disciplines.

#### Advanced Institute for Materials Research (AIMR)

Mission

As an international research center for innovative material science, AIMR established new atomic and molecular control through the deepening of principle theory on the atomic and molecular level and interdisciplinary integration. Based upon this idea. AIMR creates new materials with innovative and practical functions. Accordingly, AIMR contributes to sustainable development in the Japanese industrial economy, while maintaining a leading-edge and making progress in relevant academic fields.

#### **Tohoku Forum for Creativity**

Mission

The Tohoku Forum for Creativity is an international visitor research institute created to facilitate intellectual progress and scientific discoveries. The central aims of the Forum are to promote pioneering interdisciplinary research, to strengthen academic programs, and to foster the development of young researchers.

#### Information Synergy Organization

Mission

The Information Synergy Organization carries out planning, arranging, implementation, management and utilization of university-wide information infrastructures. Moreover, this organization contributes to the promotion of computerization by coordinating improvement, utilizing the management of an information system while providing necessary operations to promote information security systems based upon the information infrastructures.

### **Promotion Office of Strategic Innovation**

Mission

To realize a sustainable society with vitality and create a living environment with a high quality of life as a country facing the aging population and the declining birth rate, by promoting cooperation among industry, government and academia through planning and research on strategies to promote continuous creation of innovation.

# International Initiatives Organization

Mission

To promote the development of an international environment at the university through cooperation with relevant departments, and create further opportunities for student and faculty mobility on an international level.

### **Institute for Promoting Graduate Degree Programs**

Mission

To cooperate with relevant departments in overcoming the barriers between academic disciplines and nations, with the goal of creating unified graduate degree programs that will create active, internationally-minded human resources.

#### Institute for Disaster Reconstruction and Regeneration Research

Mission

As a university located at the center of the disaster-affected area on March 2011, Tohoku University has combined the abilities of various departments to address the issues posed by the disaster and will transmit the successes of this institute to general society in aiding in the reconstruction and regeneration from the disaster.

## Tohoku Medical Megabank Organization

Contribution to a creative reconstruction in the Tohoku Region through

Mission

- Building a new type of biobank based on long-term follow up of medical and health information by large-scale cohort studies and genome information in the Great East Japan Earthquake disaster area
- Establishment of an advanced medical system and a research center through cultivation of highly specialized human resources
- Improvement of shortage of medical practitioners by effective utilization of medical resources and implementation of advanced genome medicine

#### Research Organization of Electrical Communication

Mission

The Research Organization of Electrical Communication contributes to the prosperity of information communication and electronics industries located in the disaster areas of Tohoku by convening the wisdom of researchers and technical experts in the fields of electricity, communication and electronics of our university, through the construction of a disaster-resilient information communication network, and through the world leading innovative research development. The organization further contributes to the creation of new industries in our country in the fields of new information communication and electronics, promoting strategic research responding to social issues and contributing to community and national policy, and to the promotion of industry-academia collaborative research.

### Division of Engineering and Technical Staff

Mission

The division organizes engineering and technical staff for academic studies and provides coordinated support to strengthen the infrastructure for education and research activities of Tohoku University. To this end, it promotes skill development and appropriate job assignment of the engineering and technical staff.

# Micro System Integration Center (µSIC)

Mission

As an R&D center for Integration of micro-systems, we aim, through cooperation with industry, to promote the development of micro-system integration techniques, and to contribute to the strengthening of Japan's international competitiveness in the field of integrated circuits. In addition, we aim to apply the technologies in diverse fields such as information-communication, manufacturing, and medicine.

### Center for Spintronics Integrated Systems

Mission

This center aims to contribute to the realization of a low-carbon and energy-saving society and to the strengthening of international competitiveness in the field of next generation VLSIs, through the development of innovative energy-saving logic VLSIs that fuse spintronics devices and logic-integrated circuits under the collaboration among industries, universities and government focusing on these technologies.

### ■ Center for Collaborative Research on Materials Science

Mission

As a base of research and development of materials science, and through the cooperation with Shanghai Jiao Tong University, the Center for Collaborative Research on Materials Science promotes joint research in the field of materials science, and while investing in the training of leaders and in the production of research results on highest world standard, the Center contributes to the development of science and industrial technology.

## Center for Innovative Integrated Electronic Systems

Mission

The Center aims to contribute to the enhancement of global competitiveness in the field of next-generation integrated electronics systems, and further, work toward the creation of practical applications and new industries, through the research and development of innovative devices and its integrated electronic systems and constructing a consortium for this field under the international collaboration among industries, universities and government.

### **■ Material Solutions Center (MaSC)**

Mission

The Material Solution Center (MaSC) contributes to the strengthening of the global competitiveness in the industrial recovery of the Tohoku area as well as the material field of our country by building the cooperation system by industry, academia and government, and by promoting the commercialization and R&D of technology in each process of processing, manufacture, treatment, analysis, and evaluation concerning a new material supporting the society of the future.

#### Research Center for Rare Metal and Green Innovation

Mission

We will contribute to realize a sustainable low-carbon society with energy-efficient technologies and a smarter industrial structure with cost-effective uses in rare-earth metals and promote Green Innovation through research activities based on collaboration between academic, industrial and governmental alliance, as well as focusing on education and training for the next-generation.

## ■ Center for the Advancement of Open Online Education

Mission

This center carries out research development, planning, and support related to Massive Open Online Courses in cooperation with relevant departments. It also contributes to further development of Tohoku University's education and research by disseminating and showcasing their results via online education both in and outside of Japan.

# **University Library**

Number of Volumes (as of March 31, 2016)

Classification		Types of Materials	Main Library	Medical Library	Kita-Aobayama Library	Engineering Library	Agricultural Library	Total
		Japanese	1,599,274	170,284	88,040	178,050	84,567	2,120,215
	Books	Foreign	1,169,794	247,144	305,018	182,778	56,316	1,961,050
Number of		Total	2,769,068	417,428	393,058	360,828	140,883	4,081,265
Volumes	Periodicals	Japanese	26,529	5,399	2,564	4,049	3,870	42,411
		Foreign	17,982	9,428	8,219	4,371	1,806	41,806
		Total	44,511	14,827	10,783	8,420	5,676	84,217

Usage Statistics (FY2015)

Classification	Main Library	Medical Library	Kita-Aobayama Library	Engineering Library	Agricultural Library	Total
Visitors	692,785	202,465	63,234	124,709	48,136	1,131,329
External Readers	2,138	1,592	2,235	128	510	6,603
Books for Loan	237,897	27,714	20,193	50,750	7,424	343,978
Reference Services	10,401	3,884	2,880	4,988	1,925	24,078
Information Retrieval Services	17,512	8,275	1,152	2,245	866	30,050
Literature Duplication	6,854	9,951	1,907	4,681	597	23,990

#### Collections

National Treasures	Shiki Kobun Hongi / Shiji Xiao Wen benji di shi v.10 (Heian Period) Ruiju kokushi v.25 (Heian Period)
Cherished Books     (Total: 930 items)	Japanese books: 820 items (including 574 items of Kano Collection) Foreign books: 110 items
Major and     Special Collections	Kano Collection (consisted of about 108,000 books including the above two national treasures), Wasan (native mathematics of Japan) Collection, Tibetan Tripitaka (sde dge edition), Soseki Collection, Abe (Jiro) Collection, Bansui Collection, Orui (Noburu) Collection, Kojima (Kikuo) Collection, Ishizu (Teruji) Collection, Umehara (Sueji) Collection, Yajima (Genryo) Collection, Kushida (Tamizo) 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, Wundt Collection (Wilhelm Wundt), Koeber Collection (Raphael von Koeber), Stein Collection (Friedrich Stein), Seckel Collection (Emil Seckel), Zitelmann Collection (Ernst Zitelmann), Würfel Collection (Georg Würfel), The Akita archive, Documents of the Haruyama family, Saito Collection

# University Hospital

(as of May 1, 2016)

Divisions	Clinical Departments			
	Internal Medicine			
	Surgery			
	Obstetrics, Gynecology and Urology			
Medicine	Neurological and Psychiatric Disorders			
	Pediatrics	1,225		
	Sense Organ and Rehabilitation Medicine			
	Radiology			
	Oral Health Enhancement			
Dentistry	Oral Medicine and Surgery			
	Oral Reconstruction			
	Rehabilitation of Oral Function			

Number of Patients		(FY 2015)
Divisions/Inpatient Treatments	Total Number of Inpatients	Average Number of Inpatients per day
Medicine	381,027	1,041
Dentistry	11,107	30
Divisions/Outpatient Treatments	Total Number of Outpatients	Average Number of Outpatients per day
Medicine	577,984	2,379
Dentistry	153,543	632

We also conduct "Advanced Medical Care" in 14 special fields. (as of May 1, 2016)  $\,$ 



University Hospital

# Number of Students

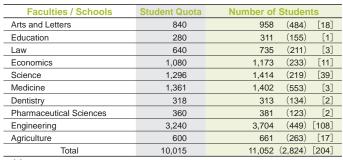
Total Number

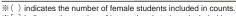
(as of May 1, 2016)

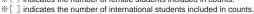
			Number of inc	Research Students / Special Auditing Student/ Special Research		
Categories			Japanese Government Scholarships	Private Means	Subtotal	Students / Credited Auditors / Intensive Japanese Language Program
Undergraduate Students	10,015	11,052 (2,824)	43	161	204	440
Graduate Students (Master's Program / Profession Degree Program)	3,840	4,174 (1,035)	95	564	659	181
Graduate Students (Doctoral Program)	2,628	2,625 (640)	163	429	592	
Subtotal	16,483	17,851 (4,499)	301	1,154	1,455	621
Attached School	40	34 (24)	_	_	_	_
Research Institutes	_		_		_	20
Others	_		_	_	_	30
Grand Total	16,523	17,885 (4,523)	301	1,154	1,455	671

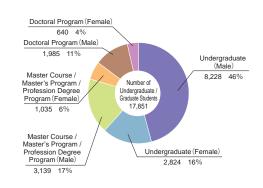
<sup>※( )</sup> indicates the number of female students included in counts.

(as of May 1, 2016)









(as of May 1, 2016)

#### **Graduate Schools**

Orestrote Calcada	Profession Degree Program					
Graduate Schools	Student Quota	Number o	Number of Students			
Arts and Letters	178	157	(76)	[40]		
Education	86	75	(44)	[11]		
Law	230	146	(29)	[11]		
Economics and Management	180	228	(112)	[161]		
Science	524	570	(92)	[53]		
Medicine	184	190	(109)	[24]		
Dentistry	12	17	(11)	[1]		
Pharmaceutical Sciences	108	131	(26)	[13]		
Engineering	1,272	1,523	(185)	[141]		
Agricultural Sciences	218	275	(120)	[26]		
International Cultural Studies	70	62	(39)	[47]		
Information Sciences	280	299	(46)	[60]		
Life Sciences	212	205	(84)	[9]		

Master's Program /

Medicine	184	190	(109)	[24]			
Dentistry	12	17	(11)	[1]			
Pharmaceutical Sciences	108	131	(26)	[13]			
Engineering	1,272	1,523	(185)	[141]			
Agricultural Sciences	218	275	(120)	[26]			
International Cultural Studies	70	62	(39)	[47]			
Information Sciences	280	299	(46)	[60]			
Life Sciences	212	205	(84)	[9]			
Environmental Studies	200	196	(33)	[34]			
Biomedical Engineering	62	71	(7)	[4]			
Educational Informatics	24	29	(22)	[24]			
Total	3,840	4,174	(1,035)	[659]			
<ul><li>( ) indicates the number of female students included in counts.</li><li>[ ] indicates the number of international students included in counts.</li></ul>							

## **Attached School**

(as of May 1, 2016)

School	Student	Number of	Number of
	Quota	Enrollees	Students
School of Dental Laboratory Technicians	20 x 2 years	19 (15)	34 (24)

<sup>\*( )</sup> indicates the number of female students included in counts.

#### **Doctoral Program**

Student Quota	Number of Students					
135	175	(73)	[53]			
54	54	(27)	[8]			
60	35	(9)	[13]			
60	58	(20)	[30]			
390	290	(49)	[66]			
583	719	(183)	[53]			
168	160	(54)	[24]			
70	86	(23)	[8]			
522	531	(56)	[169]			
111	84	(26)	[15]			
70	67	(43)	[39]			
126	124	(20)	[41]			
141	82	(16)	[20]			
93	80	(24)	[35]			
30	55	(9)	[17]			
15	25	(8)	[1]			
2 628	2 625	(640)	[592]			



Kawauchi Campus

 $<sup>\</sup>ensuremath{\mbox{\%}}\xspace$  "Private Means" include foreign government funds.

# **Result of Entrance Examination**

(FY 2016)

#### Faculties / Schools

Faculties / Schools		Student Quota	Number of Appli	icants	Number of Registered	Students
Arts and Letters		210	479	(234)	227	(111)
Education		70	220	(101)	74	(37)
Law		160	365	(125)	174	(64)
Economics		260	949	(178)	270	(54)
		20	44	《12》	8	《2》
Science		324	1,569	(259)	320	(49)
Madiaina	Medical Sciences	135	441	(101)	138	(30)
Medicine	Health Sciences	144	356	(265)	148	(115)
Dentistry		53	177	(81)	50	(21)
Pharmaceutical Sciences		80	279	(109)	83	(30)
Engineering		810	2,389	(351)	833	(106)
Agriculture		150	460	(196)	158	(61)
Total		2,396	7,684	(2000)	2,475	(678)
Total		20	44	《12》	8	《2》

**Graduate Schools** 

(FY 2016)

Grad	luate Schools	Student Quota	Number of App	licants	Number of Registere	d Studer
Arts and Letters	Master's Program	89	124	(69)	65	(32)
Arts and Letters	Doctoral Program	45	41	(18)	31	(13)
Education	Master's Program	43	91	(57)	39	(23)
Education	Doctoral Program	18	13	(5)	7	(2)
	Master's Program	10	9	(1)	6	(0)
Law	Doctoral Program	20	5	(1)	4	(0)
	Profession Degree Program	80	152	(27)	53	(7)
	Master's Program	50	111	(52)	32	(16)
Economics and Management	Doctoral Program	20	8	(2)	7	(1)
Management	Profession Degree Program	40	48	(14)	22	(6)
	Master's Program	262	331	(44)	256	(37)
Science	Doctoral Program	130	72	(9)	71	(9)
	Master's Program* (Medical Sciences)	40	29	(17)	26	(16)
	Doctoral Program* (Medical Sciences)	130	141	(28)	136	(28)
Medicine	Master's Program	52	61	(35)	47	(24)
	Doctoral Program	21	23	(6)	18	(4)
	Master's Program*	6	7	(6)	6	(5)
Dentistry	Doctoral Program*	42	31	(10)	28	(9)
	Doctoral Program* (Pharmacy)	4	2	(0)	1	(0)
Pharmaceutical Sciences	Master's Program	54		(17)	70	(15)
	Doctoral Program	18	25	(5)	25	(5)
	Master's Program	636	907	(112)	716	(86)
Engineering	Doctoral Program	174	117	(16)	110	(16)
	Master's Program	109	186	(84)	134	(61)
Agricultural Science	Doctoral Program	37	14	(2)	13	(2)
International Cultural	Master's Program	35	56	(40)	27	(21)
Studies	Doctoral Program	16	18	(10)	12	(7)
	Master's Program	140	183	(31)	150	(23)
Information Sciences	Doctoral Program	42	32	(3)	29	(3)
	Master's Program	106	109	(47)	97	(45)
Life Sciences	Doctoral Program	47	23	(4)	23	(4)
	Master's Program	100	104	(19)	83	(15)
Environmental Studies	Doctoral Program	33	19	(3)	18	(3)
	Master's Program	31	46	(8)	30	(3)
Biomedical Engineering	Doctoral Program	10	11	(2)	9	(2)
Educational Informatics	Master's Program	12	20	(15)	14	(10)
Education Division	Doctoral Program	5	4	(1)	4	(1)
Eddodion Division	Master's Program*	46	36	(23)	32	(21)
	Doctoral Program*	176	174	(38)	165	(37)
Total	Master's Program	1,729	2,416	(631)	1,766	(411)
IUIdI	·	·		(87)	,	(72)
	Doctoral Program	636	425		381	
	Profession Degree Program	120	200	(41)	75	(13)



FY 2016 Entrance Ceremony



FY 2016 Entrance Ceremony



FY 2016 Entrance Ceremony

<sup>( )</sup> indicates the number of female students included in counts.
The numbers indicated in lower lines are the 3rd year transfer students.
( ) indicates the number of female students included in counts.

# **Number of Degrees Conferred**

Bachelor's Degree

(as of March 31, 2016)

Franking / Oaksala	Old System (Enrollments	New System (Enrollments after May, 1949)		
Fuculties / Schools	before April, 1949)	FY 2015	Cumulative Total	
Arts and Letters	1,277	233	11,014	
Education	_	82	6,800	
Law	3,844	157	12,506	
Economics	1,446	269	14,188	
Science	2,747	332	16,501	
Medicine	3,290	260	7,812	
Dentistry	_	59	2,561	
Pharmaceutical Sciences	_	89	3,891	
Engineering	3,953	869	47,365	
Agriculture	679	159	9,022	
Total	17,236	2,509	131,660	

<sup>\*\*</sup>Old system of Bachelor of Agriculture includes 59 Bachelors of Forestry

Master's Degree

(as of March 31, 2016)

Graduate Schools	FY 2015	Cumulative Total
Arts and Letters	73	3,452
Education	30	1,213
Law	3	587
Economics and Management	49	1,338
Science	268	9,794
Medicine	70	936
Dentistry	10	72
Pharmaceutical Sciences	62	2,334
Engineering	691	23,873
Agricultural Science	119	4,038
International Cultural Studies	42	824
Information Sciences	142	2,926
Life Sciences	87	1,360
Environmental Studies	105	1,157
Biomedical Engineering	36	257
Educational Informatics Education Division	11	147
Total	1,798	54,308

(as of March 31, 2016)

#### Profession Degree

Categories	FY 2015	<b>Cumulative Total</b>
Master of Public Policy (School of Public Policy, established in 2004)	25	256
Juris Doctor (Law School, established in 2004)	32	788
Master of Accountancy (Accounting School, established in 2005)	20	342
Total	77	1,386

Doctor's Degree

(as of March 31, 2016)

Graduate Schools	Old System (Enrollments before March, 1953)		System al Program) (Enrollments af	(Doctor	New System (Doctor's Thesis) er April, 1953)		
	Warch, 1955/	FY 2015	<b>Cumulative Total</b>	FY 2015	<b>Cumulative Total</b>		
Arts and Letters	96	16	501	4	295		
Education	_	15	180	2	130		
Law	38	7	125	0	53		
Economics and Management	50	11	280	2	115		
Science	944	78	2,995	2	1,262		
Medicine	3,715	149	3,745	7	3,501		
Dentistry	_	38	763	1	209		
Pharmaceutical Sciences	_	24	573	2	577		
Engineering	554	122	5,259	6	2,239		
Agricultural Science	152	34	1,158	2	795		
International Cultural Studies	_	6	181	0	10		
Information Sciences	_	23	652	0	65		
Life Sciences	_	17	319	0	27		
Environmental Studies	_	17	299	1	19		
Biomedical Engineering	_	8	50	2	3		
Educational Informatics Education Division	-	4	37	0	3		
Total	5,549	569	17,117	31	9,303		

<sup>\*</sup>Doctor's Degree ... By completing the Doctoral Program requirements or by presenting a Doctor's thesis

# **Post Graduation Status**

(as of May 1, 2016)

#### Faculties / Schools

	Categories	Number of graduates		Number of stu	idents	Number of medical	Number of those	Place of e	mployment		
Faculties / Schools				going on to higher stage of education		dental students employed as interns	in employment	Within Miyagi Prefecture	Outside of Miyagi Prefecture	Others	
Arts and Letters		233 (1	22)	29	(8)		174 (100)	47 (29)	127 (71)	30 (14)	
Education		82 (	(40)	18	(11)		62 (29)	19 (11)	43 (18)	2 (0)	
Law		157 (	(43)	26	(7)		116 (31)	16 (6)	100 (25)	15 (5)	
Economics		269 (	(51)	18	(1)		230 (45)	38 (6)	192 (39)	21 (5)	
Science		332 (	(62)	282	(53)		34 (5)	4 (1)	30 (4)	16 (4)	
NA Prince	(6 years)	119 (	(11)	0	(0)	116 (11)	0 (0)			3 (0)	
Medicine	(4 years)	141 (	(97)	33	(20)		106 (75)	58 (42)	48 (33)	2 (2)	
Dentistry		59 (	(14)	0	(0)	49 (14)	0 (0)			10 (0)	
Pharmaceutical	(6 years)	20	(8)	1	(0)		17 (7)	1 (0)	16 (7)	2 (1)	
Sciences	(4 years)	69 (	(14)	67	(14)		0 (0)			2 (0)	
Engineering		869 (1	18)	765	(99)		66 (11)	5 (1)	61 (10)	38 (8)	
Agriculture		159 (	(83)	125	(63)		29 (19)	4 (4)	25 (15)	5 (1)	
Total		2,509 (6	63)	1,364(	276)	165 (25)	834 (322)	192 (100)	642 (222)	146 (40)	

(as of May 1, 2016)

#### Graduate Schools (Master's Program)

Categories	Number of		Number of st	udents	Number of medical /	Number of those	Place of er	nployment		
Graduate Schools	graduates		going on to higher stage of education		dental students employed as interns	in employment	Within Miyagi Prefecture	Outside of Miyagi Prefecture	Others	
Arts and Letters	73	(35)	22	(7)		39 (21)	10 (3)	29 (18)	12 (7)	
Education	30	(19)	2	(1)		18 (12)	7 (5)	11 (7)	10 (6)	
Law	3	(1)	1	(0)		2 (1)	1 (0)	1 (1)	0 (0)	
Economics and Management	49	(21)	6	(0)		18 (11)	2 (0)	16 (11)	25 (10)	
Science	268	(42)	91	(12)		168 (26)	5 (3)	163 (23)	9 (4)	
Medicine (Disability Sciences and Health Sciences)	39	(22)	11	(4)		25 (16)	12 (6)	13 (10)	3 (2)	
Pharmaceutical Sciences	62	(15)	21	(3)		31 (9)	2 (1)	29 (8)	10 (3)	
Engineering	691	(67)	71	(5)		598 (56)	24 (6)	574 (50)	22 (6)	
Agricultural Science	119	(40)	7	(2)		102 (36)	8 (2)	94 (34)	10 (2)	
International Cultural Studies	42	(32)	12	(6)		13 (11)	3 (3)	10 (8)	17 (15)	
Information Sciences	142	(15)	18	(2)		112 (8)	10 (1)	102 (7)	12 (5)	
Life Sciences	87	(24)	21	(4)		63 (18)	3 (0)	60 (18)	3 (2)	
Environmental Studies	105	(14)	13	(1)		90 (12)	1 (0)	89 (12)	2 (1)	
Biomedical Engineering	36	(4)	2	(0)		34 (4)	0 (0)	34 (4)	0 (0)	
Educational Informatics Education Division	11	(6)	1	(0)		4 (1)	2 (0)	2 (1)	6 (5)	
Subtotal	1,757	(357)	299	(47)	0 (0)	1,317 (242)	90 (30)	1,227 (212)	141 (68)	
Medicine (Medical Sciences)	31	(16)	10	(6)		20 (9)	4 (2)	16 (7)	1 (1)	
Dentistry	10	(7)	1	(0)		8 (7)	5 (5)	3 (2)	1 (0)	
Subtotal	41	(23)	11	(6)		28 (16)	9 (7)	19 (9)	2 (1)	
Total	1,798	(380)	310	(53)	0 (0)	1,345 (258)	99 (37)	1,246 (221)	143 (69)	

<sup>\*\*( )</sup> indicates the number of female students included in counts.\*\*\*"Others" include research students; special students; graduates preparing for the civil service examination; graduates unemployed; and others.



Commencement Ceremony





Commencement Ceremony

<sup>%()</sup> indicates the number of female students included in counts.%"Others" include research students; special students; graduates preparing for the civil service examination; graduates unemployed; and others.

#### Graduate Schools (Doctoral Program)

Categories	Number of	Number of students Number of students		Number of those	Number of those Place of employment			Number of
Graduate Schools	graduates	going on to higher stage of education	dental students employed as interns	in employment	Within Miyagi Outside of Miyagi Prefecture Prefecture		Others	postdoctral fellows included in counts
Arts and Letters	16 (11)	0 (0)		10 (7)	1 (1)	9 (6)	6 (4)	2 (1)
Education	15 (8)	0 (0)		11 (5)	3 (2)	8 (3)	4 (3)	1 (1)
Law	7 (1)	0 (0)		5 (1)	2 (1)	3 (0)	2 (0)	0 (0)
Economics and Management	11 (3)	0 (0)		3 (0)	2 (0)	1 (0)	8 (3)	2 (1)
Science	78 (8)	1 (0)		51 (4)	8 (1)	43 (3)	26 (4)	12 (2)
Medicine (Disability Sciences and Health Sciences)	17 (7)	0 (0)		14 (5)	10 (2)	4 (3)	3 (2)	0 (0)
Pharmaceutical Sciences	21 (4)	0 (0)		18 (3)	2 (0)	16 (3)	3 (1)	2 (1)
Engineering	122 (12)	0 (0)		69 (6)	10 (1)	59 (5)	53 (6)	22 (3)
Agricultural Science	34 (10)	1 (0)		19 (5)	7 (2)	12 (3)	14 (5)	8 (2)
International Cultural Studies	6 (3)	0 (0)		3 (2)	2 (2)	1 (0)	3 (1)	1 (0)
Information Sciences	23 (6)	1 (0)		12 (3)	0 (0)	12 (3)	10 (3)	5 (2)
Life Sciences	17 (5)	2 (1)		9 (2)	4 (1)	5 (1)	6 (2)	3 (1)
Environmental Studies	17 (3)	0 (0)		11 (0)	4 (0)	7 (0)	6 (3)	4 (2)
Biomedical Engineering	8 (0)	1 (0)		3 (0)	1 (0)	2 (0)	4 (0)	0 (0)
Educational Informatics Education Division	4 (0)	0 (0)		3 (0)	2 (0)	1 (0)	1 (0)	0 (0)
Subtotal	396 (81)	6 (1)	0 (0)	241 (43)	58 (13)	183 (30)	149 (37)	62 (16)
Medicine (Medical Sciences)	132 (36)	0 (0)		106 (24)	74 (17)	32 (7)	26 (12)	6 (3)
Dentistry	38 (8)	0 (0)		26 (5)	16 (4)	10 (1)	12 (3)	8 (1)
Pharmaceutical Sciences	3 (1)	0 (0)		3 (1)	1 (1)	2 (0)	0 (0)	1 (0)
Subtotal	173 (45)	0 (0)	(0) (0)	135 (30)	91 (22)	44 (8)	38 (15)	15 (4)
Total	569 (126)	6 (1)	0 (0)	376 (73)	149 (35)	227 (38)	187 (52)	77 20

#### (as of May 1, 2016)

#### Graduate Schools (Profession Degree Program)

Categories	Number of	Number of students	Number of medical /	Number of those	Place of er			
Graduate Schools	graduates	going on to higher stage of education	dental students employed as interns	in employment	Within Miyagi Prefecture	Outside of Miyagi Prefecture	Others	
Law	25 (5)	1 (0)		23 (5)	3 (1)	20 (4)	1 (0)	
Juris Doctor	32 (7)	0 (0)		2 (1)	0 (0)	2 (1)	30 (6)	
Accounting School	20 (7)	1 (0)		14 (7)	2 (1)	12 (6)	5 (0)	
Total	77 (19)	2 (0)	0 (0)	39 (13)	5 (2)	34 (11)	36 (6)	

<sup>\*\*( )</sup> indicates the number of female students included in counts.

\*\*"Others" include research students; special students; graduates preparing for the civil service examination; graduates unemployed; and others.



Job Guidance



Job Fair 2014

<sup>\*\*( )</sup> indicates the number of female students included in counts.\*\*"Others" include research students; special students; graduates preparing for the civil service examination; graduates unemployed; and others.

# "Gakuyu-kai" Extracurricular Activities

"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
Mixed Chorus
Symphony Orchestra
Literary Arts
Fine Arts
Movie
Drama
Photograph
Tea-Ceremony

Noh Drama
Japanese Music
Broadcasting Study
Amateur Radio
Rakugo Study
English Speaking Society
Game of Go
Juggling
Light Music

Mandolin Music
Chemistry
Audiophile
Wind Orchestra
Japanese Chess
Calligraphy
Life Affairs
Acapella

## Sport activities

Track and Field
Baseball
Semi-Hardball Baseball
Tennis
Softball Tennis
Rugby Football
Volleyball
Soccer
Basketball
Table Tennis
Mountaineering
Swimming
Rowing
Yachting
Skating
Horse-Riding
Badminton
Judo
Skiing
Handball
Aviation
Kendo
Kyudo

Naiale	
Press	
FIESS	
Press	

Motorcar
Wandervogel
Golf
Aikido
Fencing
Cheering Group
Cycling
Bodybuilding
Shorinji-Kempo
Gymnastics
American Football
Orienteering
· · · · · · · · · · · · · · · · · · ·

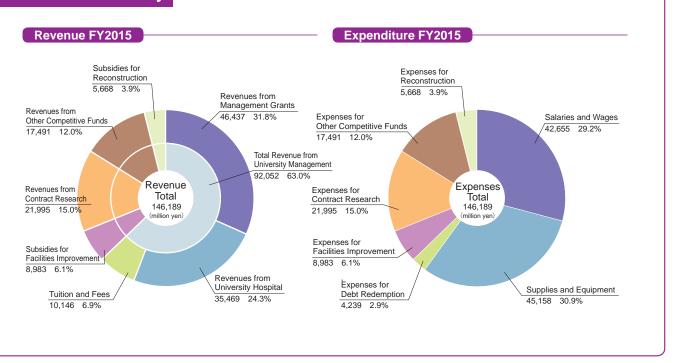
Ballroom Dance
Archery
Triathlon
Lacrosse
Cart Racing
Shinkyokushin Karate
Sumo Wrestling
Softball
Chinese Martial Arts
Bogu Karate
Human-powered aircraft
Futsal



Seven Universities Athletic Meet (Softball Tennis)

92 other circles/organizations

#### Financial Summary



# **Research Funds**

#### **Grants-in-Aid for Scientific Research**

(FY2015)

Categories	Number of Projects	Amount of Grants (thousand yen)		
		Direct Expenses	Indirect Expenses	Total
Specially Promoted Research	8	653,600	193,110	846,710
Scientific Research on Innovative Areas	146	1,350,440	405,099	1,755,539
Scientific Research (S) or (A) or (B) or (C) *	1,240	4,000,710	1,197,285	5,197,995
Challenging Exploratory Research ※	461	575,700	172,710	748,410
Grant-in-Aid for Young Scientists (S) or (A) or (B) **	515	846,000	253,800	1,099,800
Research Activity Start-up	75	78,600	23,580	102,180
Encouragement of Scientists	17	9,359	0	9,359
Grant-in-Aid for Publication of Scientific Research Results (Scientific Literature and Databases)	8	17,900	0	17,900
Grant-in-Aid for JSPS Fellows	339	320,800	17,460	338,260
JSPS Scientist for Joint International Research	3	27,900	8,370	36,270
Total	2,812	7,881,009	2,271,414	10,152,423

<sup>\*</sup> Including multi-year fund

#### **Donations and Sponsored Research**

(FY2015)

Categories			Number of Recipients	Amount Received (thousand yen)
Donations	'		3,522	3,532,812
Funds for Sponsored Research	Joint Research with Industry			4,039,745
		General Funds	403	5,186,489
	Sponsored Research	Competitive Funds	328	7,776,084
		Subtotal	731	12,962,573
	Su	Subtotal		17,002,318
Academic Consulting			239	177,051
Total			5,504	20,712,181

## **Research Funds**

### Other Grants

(FY2015)

atu	Number of	Amour	nt of Funds (thousan	d yen)
Categories	Projects	Direct Expenses	Indirect Expenses	Total
Health and Labour Sciences Research Grant (MHLW)	8	171,647	35,952	207,599
World Premier International Research Center Initiative	1	1,285,680	0	1,285,680
Subsidy for Promoting University Reform (MEXT)	6	258,182	0	258,182
Environment Research and Technology Development Fund (MOE)	3	28,555	8,317	36,872
Promotion of improvement and shared use of R&D facilities and equipment (MEXT)	3	119,402	0	119,402
Grant for Development for Leading Creative Science and Technology (MEXT)	1	38,900	0	38,900
Strategic Funds for the Promotion of Science and Technology (NEDO)	3	9,651	2,895	12,546
Creation of Innovation Centers for Advanced Interdisciplinary Research Areas (JST)	1	344,237	0	344,237
Funds for Development of Human Resources in Science & Technology (JST)	3	106,779	0	106,779
Green Network of Excellence (GRENE) Project (MEXT)	2	777,619	0	777,619
Creation of Innovation Centers for Advanced Interdisciplinary Research Areas for Reconstruction Project on the Great East Japan Earthquake (MEXT)	2	362,754	0	362,754
R&D Center Establishment Grant for Innovative Material Technology Project (MEXT)	1	796,793	0	796,793
The Program for Promoting the Enhancement of Research Universities (MEXT)	1	344,741	0	344,741
Grants for Creating Research and Education Bases	4	815,481	0	815,481
Program for Advancing Strategic International Networks to Accelerate the Circulation of Talented Researchers	3	63,536	314	63,850
Project for Establishing Internationalization Bases	4	59,306	0	59,306
Top Global University Project	1	325,800	36,200	362,000
Project for Promoting Enhancement of National University Reform	4	1,037,718	0	1,037,718
Global Nuclear Human Resource Development Initiative	1	9,872	0	9,872
Project for Creating Tohoku Ecosystem-Associated Marine Sciences Bases	3	280,606	0	280,606
Construction project for an efficient intensive mobile observation system in volcanic areas	1	29,000	0	29,000
Grants to expedite the review of pharmaceutical products	2	71,000	0	71,000
Others	20	6,313,839	0	6,313,839
Total	78	13,651,098	83,678	13,734,776

Notes:
JST: Japan Science and Technology Agency
KEK: High Energy Accelerator Research Organization
MLIT: Ministry of Land, Infrastructure, Transport and Tourism
MEXT: Ministry of Education, Culture, Sports, Science and Technology
MHLW: Ministry of Health, Labour and Welfare
MOE: Ministry of the Environment
NEDO: New Energy and Industrial Technology Development Organization
METI: Ministry of Economy, Trade and Industry

	A (C:-		Land		Building			
	Area/Siz	ze	Owned	Rented	Total	Owned	Rented	Total
		Katahira	229,582	31	229,613	200,108	_	200,108
		Komegafukuro	3,231	_	3,231	512	_	512
		Kawauchi/Aobayama	2,561,166	15,901	2,577,067	497,937	_	497,937
		Seiryo	179,155	59	179,214	309,463	-	309,463
		Amamiya	92,746	_	92,746	30,847	-	30,847
		Sanjo	52,911	_	52,911	26,145	_	26,145
		Tomizawa	113,877	_	113,877	9,111	-	9,111
		Hyojogawara	18,668	_	18,668	781	-	781
		Higashi-Sendai	3,705	_	3,705	2,026	-	2,026
		Goroku	_	399	399	26	-	26
	Sendai City	Minamiyoshinari	_	3,287	3,287	2,509	-	2,509
		Akiu	_	4	4	_	20	20
		Kitanakayama	_	58	58	_	_	_
		Imozawa	_	30	30	_	-	_
		Kashiwagi	4,402	_	4,402	_	-	_
		Nagamachi	_	_	_	_	38	38
		Kokubuncho	_	_	_	_	10	10
		Seismic Obsevation Sites	_	_	_	_	5	5
Within Miyagi Prefecture		Student Residence	28,308	_	28,308	23,372	-	23,372
Wilyagi i Torootaro		Staff Residence	80,439	_	80,439	42,708	-	42,708
		Subtotal	3,368,190	19,769	3,387,959	1,145,545	73	1,145,618
		Zao	_	30,330	30,330	399	9	408
		Shichigahama	_	528	528	383	3	386
		Onagawa/Oshika	25,312	43,341	68,653	2,864	_	2,864
		Kashimadai	10,077	_	10,077	270	1	271
		Naruko/Kawatabi	18,541,862	3,613	18,545,475	20,227	5	20,232
		Natori	1,863	454	2,317	1,029	-	1,029
		Iwanuma	_	812	812	_	533	533
	Outside Sendai City	Kamafusa	_	3,557	3,557	691	763	1,454
		Kogota	_	1,038	1,038	19	-	19
		Kesennuma	_	112	112	_	371	371
		Yoneyama	_	2,000	2,000	101	-	101
		Wakayanagi	_	100	100	12	_	12
		Others	_	1,118	1,118	_	5,499	5,499
		Staff Residence	3,562	_	3,562	343	-	343
		Subtotal	18,582,676	87,003	18,669,679	26,338	7,184	33,522
		Total	21,950,866	106,772	22,057,638	1,171,883	7,257	1,179,140

(as of May 1, 2016)

(Unit: m²)

Area/Size -		Land			Building		
		Owned	Rented	Total	Owned	Rented	Total
	Aomori Prefecture	28,506	77,035	105,541	2,687	491	3,178
	Akita Prefecture	1,049	7,071	8,120	627	_	627
	Yamagata Prefecture	_	1,528	1,528	298	13	311
	Iwate Prefecture	10,014	16,086	26,100	873	17	890
	Fukushima Prefecture	990	26,052	27,042	154	16	170
	Niigata Prefecture	_	315	315	6	4	10
	Tokyo Metropolis	_	_	_	_	5,572	5,572
Outside Miyagi Prefecture	Saitama Prefecture	660	1	661	739	-	739
	Ibaraki Prefecture	4,541	12,161	16,702	5,787	_	5,787
	Tochigi Prefecture	_	695	695	70	_	70
	Gifu Prefecture	_	731	731	424	_	424
	Fukui Prefecture	_	107	107	_	-	_
	Hyogo Prefecture	_	-	_	_	287	287
	Miyazaki Prefecture	_		_	20	_	20
	Total	45,760	141,782	187,542	11,685	6,400	18,085
Grand Total		21,996,624	248,554	22,245,180	1,183,568	13,657	1,197,225



Katahira Campus

### Institute for Disaster Reconstruction and Regeneration Research

Institute for Disaster Reconstruction and Regeneration Research, which Tohoku University established on April 2011, has pushed forward full-scale efforts for research, education and the social contribution toward reconstruction from the disaster on March 2011. As a university located at the center of the disaster-affected area, Tohoku University will work to fulfill the historic mission of reconstruction Tohoku region. Therefore, Tohoku University promotes its efforts following Eight Projects and Reconstruction Action 100+ in conjunction with national and local governments, in gathering the collective wisdom of foreign and Japanese institutions.

### Institute for Disaster Reconstruction and Regeneration Research - Eight Projects

Project	Project Description
International Research Project on Disaster Science	Based on the lessons and experiences from the Great East Japan Earthquake, the International Research Institute of Disaster Science (IRIDeS), a global research center for disaster science, works research studies and social action programs to build up a disaster-resistant society.  IRIDeS conducts the action-oriented research integrated the humanities and sciences, for example, deciphering the mechanisms of Mega earthquake and tsunami, conveying lessons from the disaster.
Project for the Reconstruction of Community Health Care	The Comprehensive Training Center for Community Medicine aims to develop medical professionals who provide local medical services and offer lifelong education to locals. To fulfill these aims, the center accepts medical staffs affected by the Great East Japan Earthquake and provides them with opportunities to receive training in advanced medicine. Further, the Tohoku Medical Megabank Organization conducts a long-term survey on the health status of residents in disaster affected areas, and compiles a database from the gathered medical information of the residents with informed consent, to create the foundation for genomic medical care and drug development research.
Project for Environmental Energy  To support the recovery of the Tohoku region and overcome Japan's energy problems, Tohoku Univers role as the core institution of a consortium which includes universities and local governments stricken Japan Earthquake. The consortium members work on "the Next-generation Energies for Tohoku R Our aim is to develop renewable energy and an energy management system that suits the regional of	
ICT Reconstruction Project	The Great East Japan Earthquake revealed the vulnerability of our information communication technology (ICT) including the disruption of communication lines, the failure of information gathering, and the insufficiency of information. The Research Organization of Electrical Communication (ROEC) aims to develop and demonstrate a disaster-resistant ICT network in collaboration with the National Institute of Information and Communications Technology (NICT).
Tohoku Marine Science Project	Its aim is to scientifically unravel the influence of the Great East Japan Earthquake and tsunami on the marine environment of the coastal areas of the Tohoku region and its ecosystem, and to investigate the regeneration process from the disaster, while contributing to the reconstruction of fisheries industries and the regeneration of the communities. Tohoku University, the University of Tokyo Atmosphere and Ocean Research Institute (AORI) and the Japan Agency for Marine-Earth Science and Technology (JAMSTEC) play a central role to conduct surveys with the participation of researchers across the nation and the cooperation of local fishermen.
Radioactive Decontamination Project	We promote the development of technologies to restore the living environment contaminated by radioactive substances, through developing new technology, radiation-contaminated soil restoration and gamma ray detection. Further, we have collected organs of disposed farm and wild animals that were exposed to radiation due to the nuclear power plant accident, and set up an organ bank to measure the body distribution of artificial radionuclides in those animals.
Regional Industries Restoration Support Project	Our aim is to support the restoration of industries and communities in the Tohoku region. Therefore, we promote the Regional Industries Restoration Research Project which clarifies the situation and problems of reconstruction and to propose policies regarding society and economy of Tohoku region. Also we provide Regional Innovation Research Project which introduces the locus of innovation from outstanding innovators, Regional Innovation Producer School and Regional Innovation Adviser School which develop young executives in the regional small and medium enterprises who can contribute to the reconstruction of regional industries.
Industry-University Collaboration Development Project for Reconstruction	An industry-academia-government collaboration is essential to foster and strengthen the industrial infrastructure, which serves as the basis for the economic revitalization of the disaster-affected areas. To achieve the objectives, Tohoku University enhances the cooperative relationships with industrial organizations and municipalities in Miyagi Prefecture. Also Tohoku University makes full use of the reconstruction policies of government ministries and agencies. We will contribute the economic revitalization of the disaster-affected areas through the commercializing of our innovative research seeds utilizing companies in these areas.

#### Reconstruction Action 100+

Reconstruction Action 100+(Plus) is the generic name of more than 100 reconstruction support activities in which Tohoku University's faculty members work on a voluntary basis. Institute for Disaster Reconstruction and Regeneration Research supports for those activities, and gathers and disseminates information on the projects.

The Institute for Disaster Reconstruction and Regeneration Research sends out information about Tohoku University's actions toward reconstruction and their efforts, through publishing brochures, utilizing website and holding symposium.









The symposium of the institute in March, 2016

## World Premier International Research Center Initiative (WPI)

Field	Name	Contents	Duration
Materials science	Advanced Institute for Materials Research	Advanced Institute for Materials Research (AIMR) at Tohoku University is one of nine research centers established by World Premier International Research Center Initiative (WPI) launched in 2007 by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT), aimed at developing world-class research bases in Japan. After its establishment, AIMR has been active in conducting world-leading research and creating new systems to become a global center for materials science. Since 2012, AIMR has been conducting fundamental research by finding connections between materials science and mathematics. AIMR aims to formulate new scientific principles that can enable the development of materials based on the theoretical prediction. In order to ensure that these developed materials play a useful role in society, AIMR is also engaged in the development of devices and systems that make use of these materials. AIMR's mission is to contribute to creation of a sustainable society through such advanced materials science.	FY2007- FY2016

## **■ Innovation Creation Program (COI STREAM)**

Themes	Name	Contents	Duration
The Center of Innovation (COI) Program	Center of Innovation for creation of a health- conscious society to realize healthy and fulfilling life, and strengthen family ties through unobtrusive sensing and daily health screening	We will develop safe small-sized highperformance sensors of various forms and types such as ingestible, patch type and non-contact sensors. By integrating internationally renowned Tohoku University's cutting-edge research results in the fields of MEMS (micro electro mechanical systems), electronics, ICT, energy, materials, and medical technology, the COI at Tohoku University will create and implement new life science innovations in our everyday life.	FY2013- FY2021

- R&D themes that unlock results
  - ■Pioneering sensor technology will enable the easy collection of data on the user's physical condition and environment during everyday activities (autonomous-drive ultra low–power devices, MEMS).
  - ■The integrated management of large amounts of personal health data will contribute to individual wellness, but will also have secondary uses, such as security, beyond healthcare. Technologies (such as Private Cloud PHR) will accelerate the creation of new industries leading to widespread usability improvements in society and solutions to a variety of problems.
  - ■Advanced applications (e.g. weekly health forecasts) will "surface" plans for healthy lifestyles based on data obtained from personal genome and sensor data, and allow people to monitor the health of family members remotely.

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

Name	Contents	Duration
The Program for Promoting the Enhancement of Research Universities	In recent years, various statistics such as Japan's world share of publications, shows a declining trend. To counteract against this trend, immediate actions for boosting Japanese universities' global competitiveness are mandatory. Necessary actions and efforts include progressive improvement of whole environments surrounding research activities, including support, management and promotion systems, particularly establishment of a strong research administration system by securing skillful research management personnel. This ten-year-period project supports such efforts.	FY2013- FY2022

- Tohoku University Initiatives
  - ■We will improve the Research Administration Center, which is part of the Research Promotion Center, 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 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.
  - ■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, 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.

### **Education Programs**

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

#### **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	The objective of the MD Program is to cultivate human resources through creating materials leaders whose understanding of materials is based on a diverse range of perspectives and a firm grasp of the fundamentals of material 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.

#### **Future Medical Researchers Training Hub Development Program**

This program will contribute to solutions to medical problems associated with the rapid population ageing. In order to vigorously promote the development of medical science and health care, both inside and outside Japan, we support the distinctive efforts with high novelty and originality.

Year	Department	Program	Contents
FY2013- FY2017	University Hospital	Educational Program for Training "Conductor-type" Practitioners of Comprehensive Interprofessional Medical Orchestra	Conventionally, advanced clinical medicine education, practical comprehensive medical care training, and medical management learning, have been performed independently at the university hospital and local hospitals. However, by the university hospital and local hospitals implement these together, it will become possible that the practitioners have medical skills and career improvement as doctors and researchers, while engaged in community medicine.

### **Cancer Professional Training Promotion Plan**

This program aids in fostering intelligent, highly-skilled medical professionals who specialize in the field of cancer; those who become carcinoma doctors, etc.

Year	Department	Program	Contents
FY2012 - FY2016	Graduate School of Medicine	Tohoku Cancer Professional Cultivation Promotion Plan	This program fosters the ability to promote academic knowledge, skill, and clinical studies on international level, which is necessary for cancer medicine. Through the collaboration of university, region, other occupational fields (medical team), and the patients association this comprehensive program aims to promote local cancer treatment and research including home healthcare and palliative care.

### Nurturing Future Doctors Active on the World Stage After the Reformation of Medical Education in Basic and Clinical Sciences

We support excellent programs intending to cultivate MD researchers of basic medicine at the medical school and graduate school of medicine.

Year	Department	Program	Contents
FY2012 - FY2016	School of Medicine	Nurturing MD researchers competitive in the world arena	Based on a needs assessment of students and faculty, we will establish a highly effective program to promote the career development of medical students to become MD researchers who will play leading roles in advancing basic and clinical medical sciences.

#### **Initiatives for Distinctive Education**

This is an extra-curricular course for undergraduate and graduate students aimed at enhancing practical English communication skills.

Year	Department	Program	Contents
FY2005 –	Institute for Excellence in Higher Education	Practical English Course	This course, taught by native instructors, will help students further develop English communicative abilities required in academic and social situations through activities including discussions and oral presentations.

## **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.

Endowed Cha	nire		(as of May 1, 2016)
Endowed Cha			
Year	Graduate School	Chair	Duration
FY 2016 (Continued)	Graduate School of Medicine	Sciences for Aortic Disease	April 1, 2016-March 31, 2019
FY 2016 (Continued)	Graduate School of Medicine	Multiple Sclerosis Therapeutics	May 1, 2016-April 30, 2019
FY 2016	Graduate School of Medicine	Kampo and Integrative Medicine	April 1, 2016-March 31, 2019
FY 2016	Graduate School of Medicine	Ophthalmic Imaging and Information Analytics	April 1, 2016-March 31, 2019
FY 2016	Graduate School of Medicine	Advanced Respiratory Management	April 1, 2016-March 31, 2019
FY 2016 (Continued)	Graduate School of Dentistry	Redox Regulation	April 1, 2016-March 31, 2017
FY 2015	Graduate School of Medicine	Clinical Hypertension, Endocrinology and Metabolism	June 1, 2015-May 31, 2018
FY 2015 (Continued)	Graduate School of Arts and Letters	Practical Religious Studies	April 1, 2015-March 31, 2017
FY 2015 (Continued)	Graduate School of Medicine	Advanced Ophthalmic Medicine	April 1, 2015-March 31, 2018
FY 2015 (Continued)	Graduate School of Medicine	Integrative Renal Replacement Therapy	April 1, 2015-March 31, 2018
FY 2015 (Continued)	Graduate School of Medicine	Retinal Disease Control, Ophthalmology	April 1, 2015-March 31, 2018
FY 2015	Graduate School of Agricultural Science	Function and Development Science of Livestock Production	April 1, 2015-March 31, 2018
FY 2015	Graduate School of Agricultural Science	Microbial Resources	April 1, 2015-March 31, 2020
FY 2014 (Continued)	Graduate School of Medicine	Preventive Psychiatry	October 1, 2014-September 30, 2017
FY 2014 (Continued)	Graduate School of Medicine	Advanced Preventive Medicine for Infectious Disease	April 1, 2014-March 31, 2017
FY 2014 (Continued)	Graduate School of Medicine	Nano-Medical Science for Advanced Imaging	April 1, 2014-March 31, 2017
FY 2014 (Continued)	Graduate School of Medicine	Upper Extremity Musculoskeletal Medicine	April 1, 2014-March 31, 2017
FY 2014 (Continued)	Graduate School of Environmental Studies	Control of Environmental Materials (Dowa Holdings Co., Ltd.)	April 1, 2014-March 31, 2017
FY 2014 (Continued)	Graduate School of Dentistry	Next-generation Dental Materials Research	April 1, 2014-March 31, 2017
FY 2014 (Dept. Changed)	Graduate School of Biomedical Engineering	Department of Diabetes Technology	April 1, 2014-March 31, 2018
FY 2013	Graduate School of Environmental Studies	Multidisciplinary Research on the Circulation of Waste Resources (Sendai-Kankyo-Kaihatu K.K.)	July 1, 2013-June 30, 2016
FY 2013 (Continued)	Graduate School of Pharmaceutical Sciences	Department of Planning for Drug Development and Clinical Evaluation	April 1, 2013-March 31, 2018
FY 2012 (Continued)	Graduate School of Medicine	Innovative Cardiovascular Medicine	October 1, 2012-September 30, 2017
FY 2012 (Continued)	Graduate School of Medicine	Evidence-Based Cardiovascular Medicine	October 1, 2012-September 30, 2017

### **Endowed Research Divisions**

Year	Institute / Center	Research Division	Duration
FY 2016	Tohoku Medical Megabank Organization	Department of Traffic and Medical Informatics in Disaster	May 1, 2016-March 31, 2019
FY2015 (Continued)	International Research Institute of Disaster Science	Earthquake induced Tsunami Risk Evaluation (Tokio Marine)	April 1, 2015-March 31, 2018
FY 2014	Tohoku Medical Megabank Organization	Department of Cohort Genome Information Analysis	October 1, 2014-March 31, 2019
FY 2014	Tohoku Medical Megabank Organization	Department of Genomic Medicine Education	October 1, 2014-March 31, 2019
FY 2014 (Continued)	Institute of Development, Aging and Cancer	Division of Geriatric Pharmacotherapy	July 1, 2014-June 30, 2017
FY 2014 (Dept. Changed)	Institute of Development, Aging and Cancer	Neuro-Imaging Research (Sumitomo Electric Industries, Ltd.)	May 1, 2014-March 31, 2017
FY 2014 (Continued)	Institute of Development, Aging and Cancer	Division of Anti-Infective Agents	April 1, 2014-March 31, 2017
FY 2014 (Continued)	Institute of Development, Aging and Cancer	Division of Cognitive Neuroscience (Kumon Educational Japan Co. Ltd.)	April 1, 2014-March 31, 2017
FY 2014 (Dept. Changed)	Cyclotron and Radioisotope Center	Geriatric Behavioral Neurology	April 1, 2014-March 31, 2017
FY 2012	Center for Northeast Asian Studies	Department of The Uehiro Tohoku Historical Materials Research	April 1, 2012-March 31, 2017

## **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.).

Joint Research	Joint Research Chairs (as of May 1, 2016)				
Year	Graduate School	Chair	Duration		
FY 2015	Graduate School of Engineering	Advanced Power Engineering	April 1, 2015-March 31, 2018		
FY 2014	Graduate School of Engineering	Microstructure Control for Advanced Steels (JFE Steel)	April 1, 2014-March 31, 2017		

Joint Research Divisions				
Year	Institute / Center	Research Division	Duration	
FY2016	University Hospital	Hematopathology	April 1, 2016-March 31, 2018	
FY2015	Institute for Materials Research	Collaborative Research Laboratory for Non-Equilibrium Soft Magnetic Materials	August 1, 2015-July 31, 2017	
FY 2015	Institute of Fluid Science	Fundamental Research of Advanced Vehicle Technology (KEIHIN)	April 1, 2015-March 31, 2018	
FY 2015	Research Center for Electron Photon Science	Condensed Matter Nuclear Reaction	April 1, 2015-March 31, 2019	
FY 2015	Graduate School of Engineering	Advanced Electric Power Energy System	April 1, 2015-March 31, 2018	
FY 2014	Cyberscience Center	High Performance Computing (NEC)	July 1, 2014-June 30, 2018	

### **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.
- 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)
2003	284	1,129
2004	392	1,675
2005	479	1,827
2006	519	2,028
2007	698	2,086
2008	786	2,459
2009	837	2,692
2010	854	2,956
2011	862	2,840
2012	831	3,084
2013	897	4,127
2014	974	3,549
2015	1,012	4,040

#### **Sponsored Research**

(Breakdown by Amount of Funds)

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

96 2.4%

### **Joint Research with Industry (FY 2015)**

(Breakdown by No. of Projects)

#### Frontier Others Frontier 307 7.6% 12 1.2% 52 5.1% 36 0 9% Infrastructure Infrastructure Life Science 33 3.3% Life Science 109 2 7% 297 29 4% 1,156 28.6% Manufacturing Technology Manufacturing Technology 79 7.8% 259 6.4% Energy 81 8.0% Energy Total: 4,040 1,012 projects 376 9.3% (million yen) Information & Nanotechnology & Communication Information & 83 8.2% Materials Communication 1.307 32.4% 394 9.7% Nanotechnology & Environment Environment Materials

49 4.8%

326 32.2%

## **Cooperation with Industry**

### **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.

Agreement Concluded	Company/ Institute	Objective
January 19, 2006	Hitachi, Ltd.	Collaborative research and mutual exchange in the field of electricity, information, materials and mechanics.
January 31, 2006 February 20, 2014 revised	National Institute of Advanced Industrial Science and Technology (AIST)	Collaborative research in the field of environment, materials, information and telecommunication, and electronics, etc. In February, 2014, concluded an amendment and supplementary agreement to the existing cooperation agreement regarding industry-University-Government Cooperation for reconstruction from the Great East Japan Earthquake.
February 21, 2006	National Institute of Radiological Sciences	Training professionals in advanced specialties of molecule imaging research PET (positron emission tomography).
July 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.
December 26, 2006 Decmber 26, 2011	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 Shimpo.
January 31, 2007	77 Bank, Ltd.	Provide support and exchange information regarding Tohoku University-based start-ups; coordinate maching between Tohoku University's seeds and regional companies; and provide technical advice and promote exchange of human resources.
March 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.
August 3, 2007	Japan Aerospace Exploration Agency (JAXA)	To develop collaborative research and to promote the education of scientists through interdisciplinary studies of cosmic and aeronautical science, including various fields such as bioscience.
July 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.
February 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.
March 9, 2009	National Institute for Fusion Science	Promotion of fusion reactor research, education and exchange of human resources.
April 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.
February 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.
June 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.
July 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.
November 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.
November 22, 2011	IBM Japan, Ltd.	Promotion of cooperation and collaboration in research and development, human resource development and other fields of mutual interests related to risk evaluation of major earthquakes/tsunamis and disaster mitigation technologies.
January 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.
October 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.
August 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."
November 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.
December 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.

## **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

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.



The Science Café

#### **Tohoku University Innovation Fair 2015**

Date	Program Content	Venue
December 9, 2015	Introductions and presentations of advanced research in the fields of manufacturing technology, medical devices, agriculture, nanotechnology/materials, environment/energy and information communication etc. Featured exhibitions of disaster reconstruction, fuel cell and electrical vehicle related research projects.	Sendai International Center

#### **Extension Courses**

Tohoku University is constantly making efforts to play the leading roles in educational and academic activities in the Tohoku region. Meeting the community's needs, it provides extension courses and public lectures for lifelong learning of citizens. In FY 2015, the University organized 87 extension courses including on-demand high school classes and 3 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.

# International Exchange

## University Consortia

### **APRU: Association of Pacific Rim Universities**

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 the Pacific Rim. It organizes various exchange programs under three thematic priorities within the Strategic Framework, and holds annual meetings for presidents and senior staff of the member universities to discuss and plan its future activities. It is now composed of 45 universities; Tohoku University joined it in 2008.

Starting April 2013, Tohoku University functions as a regional program hub for APRU's Multi-Hazards Program. Through training programs, summer schools, workshops and other activities provided within its framework, we will take a leading role in proposing countermeasures against low frequency high-impact disasters, making further contributions. Tohoku University has been served as a Steering Committee member from July 2015.

http://www.apru.org/

### **AEARU: The Association of East Asian Research Universities**

AEARU was established in 1996 with the aim of creating a forum for the presidents of leading research 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. It organizes workshops, student summer camps, student sports competitions and international symposia, promoting mutual exchanges of ideas and information and developing close bonds between the member universities. It is now composed of 18 universities from China (6), Japan (6), Korea (4) and Taiwan (2); Tohoku University joined it in 1998 and served as a board member from January 2012 to December 2015.

http://www.aearu.org/

### T.I.M.E.: Top Industrial Managers for Europe

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 53 member institutions from 20 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.

https://www.time-association.org/

#### HeKKSaGOn : A network of six leading universities from Japan and Germany: Heidelberg, Kyoto, Karlsruhe, Tohoku (in Sendai), Göttingen, Qsaka – network

The Japanese-German University Consortium HeKKSaGOn, founded in 2010, is a bilateral university network composed of three Japanese and three German major universities with the aim to promote exchange between Japan and Germany through activities such as research staff/student exchange, joint research, workshops and summer schools. The Japanese member universities are Kyoto University, Tohoku University and Osaka University, and the German member universities are Heidelberg University, Karlsruhe Institute of Technology and the University of Göttingen. Tohoku University hosted the 4th HeKKSaGOn president's meeting in April 2015.

http://www.hekksagon.net/

### RENKEI: Japan-UK Research and Education Network for Knowledge Economy Initiatives

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 encourage knowledge transfer and research collaboration not only between the two countries but also between the higher education and industry sector. The participating universities in RENKEI are forming pilot projects for collaboration in three main areas: technology and knowledge exchange with industry, student mobility, and universities' social engagement. RENKEI is now composed of 12 universities from Japan (6) and the UK (6).

http://www.britishcouncil.or.jp/renkei

## **Students Exchange Programs**

### Tohoku University 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.

http://www.insc.tohoku.ac.jp/english/exchange/jype/

## **Students Exchange Programs**

#### **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, scientific fields.

http://www.insc.tohoku.ac.jp/english/exchange/colabs/

### Tohoku University 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.

http://www.insc.tohoku.ac.jp/english/exchange/ipla/

### Direct Enrollment Education Program For Humanities/Social science students (DEEp-Bridge)

DEEp-Bridge is an exchange program for students in humanities and social sciences who have a JLPT rating of N3 or higher. Participants can take Japanese language and co-learning classes that match their individual levels. Those with a JLPT rating of N1, or Level 6 on Tohoku University's Japanese Placement Test, can take General Education or Specialized Classes offered in humanity/social science faculties together with Japanese students.

http://www.insc.tohoku.ac.jp/english/exchange/deep-bridge/

#### **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.

http://www.insc.tohoku.ac.jp/english/exchange/deep-u/

#### **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.

http://www.tohoku.ac.jp/en/academics/double\_degree\_program.html

#### **Summer Programs**

#### **Tohoku University Science Summer Program (TSSP)**

This 2-week summer program is designed for undergraduates majoring in science and engineering, and offers cutting edge, advanced classes in these fields. Our aims are to provide students with insight into what world society will need from advanced science and technology in the future and how they can contribute to society through research. The participants will be required to participate in lectures and facility/laboratory visits. At the end of the program participants will make a presentation on topics assigned by each lecturer.

#### 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.

http://www.insc.tohoku.ac.jp/english/short/

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

TESP is designed to inspire graduate level (MSc and PhD) students or young professionals in the fields of Engineering. This program started in 2010. The program provides a series of lectures and hands-on activities on the advanced topics of Robotics. In addition, the program includes various activities that expose the participants to Japanese culture.

http://www.eng.tohoku.ac.jp/english/life/s-programs.html

### **Special Japanese Language Program for International Students and Scholars**

This program is open to the international students and scholars at Tohoku University. It aims to improve the students' ability in practical Japanese and basic academic skills in Japanese and to help them adapt to their new living environments.

### Project for Establishing University Network for Internationalization-Global 30-

The "Project for Establishing University Network for Internationalization -Global 30-" was enacted by the Ministry of Education, Culture, Sports, Science and Technology in 2009 to support a government plan to increase the number of incoming international students to 300,000 by 2020. As a selected Global 30 core university, Tohoku University launched a program called "Future Global Leadership (FGL)" which aims to produce students who possess an international perspective, high-level of education and specialist knowledge, and solid research practical skills, and to foster leaders who will be active on global scale.

18 Courses Taught in English (3 undergraduate level and 15 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://www.sci.tohoku.ac.jp/amc/ Inquiries: amc@m.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://q30.eng.tohoku.ac.jp/imac/ Inquiries: 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

### International Doctoral Program in Engineering, Information Sciences, Environmental Studies and Biomedical Engineering (EISEBE)

*Fields of Study:* Environmental Engineering, Information and Communications, Medical Engineering, Energy, Materials, Biomedical Engineering

**Degree:** Doctor of Philosophy (Engineering), Doctor of Philosophy (Information Sciences), Doctor of Philosophy (Environmental Studies), Doctor of Philosophy (Biomedical Engineering)

URL: http://www.eng.tohoku.ac.jp/english/academics/doctoral.html Inquiries: eng-in@grp.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

### 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 Medical Science, Master of International Cultural Studies/ Doctor of Philosophy (International Cultural Studies), Master of Environmental Studies/ Doctor of Philosophy (Environmental Studies), Master of Interdisciplinary Studies, Doctor of Philosophy **URL:** http://human-security.jp/ **Inquiries:** human security@grp.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: kankyo.kyomu@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



Information Science class in IMAC-U course



Field trip to Yamagata for FGL undergraduate students

#### International Materials Science and Engineering Master 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

#### 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/IPEM/index.htm **Inquiries:** ipem@econ.tohoku.ac.jp

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

#### 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: http://www.is.tohoku.ac.jp/index-e.html

Inquiries: is-kyom@grp.tohoku.ac.jp

#### 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: den-kyom@grp.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: http://www.lifesci.tohoku.ac.jp/en/outline/related-projects-centers/ Inquiries: 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

### Basic Medicine Course (BMC)

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

Degree: Master of Medical Science URL: http://www.med.tohoku.ac.jp/english/

Inquiries: 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.med.tohoku.ac.jp/english/

Inquiries: m-daigakuin@grp.tohoku.ac.jp

### Data Sciences Program (DSP)

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)



Natural Science Experiment class



Entrance Ceremony for FGL program

### **Academic Exchange Agreements with Foreign Institutions**

### **University Level Agreements**

#### **Total of 207 institutions**

#### **(Europe)**

- Global Education for European Engineers and Entrepreneurs (GE4)
- \* Universität Wien

Belgian Nuclear Research Centre

#### Czech Republic

\* Czech Technical University in Prague

- \* Aalto University
- Tampere University of Technology
- \* University of Oulu

- \* École Centrale de Lille
- \* École Centrale de Lvon
- École Centrale de Marseille
- \* École Centrale de Nantes
- École Centrale de Paris École des Mines d'Albi-Carmaux
- École Nationale Supérieure des Mines de Saint-Étienne
- École Normale Supérieure de Lyon École Polytechnique
- Institut d'Études Politiques de Lyon
- Institut National des Sciences Appliquées de Lyon
- \* Institut Polytechnique de Bordeaux
- \* Université Bordeaux 1
- Université de Grenoble
- Université de Lyon \* Université de Rennes 1
- Université de Strasbourg
- \* Université de Technologie Compiègne
- \* Université Lumière Lyon 2
  \* Université Pierre et Marie Curie
- \* Université Rennes 2 Haute Bretagne

- Georg-August-Universität Göttingen
- Johannes Gutenberg-Universität Mainz
- Karlsruher Institut für Technologie Rheinisch-Westfälische Technische Hochschule Aachen
- Ruprecht-Karls-Universität Heidelberg
- Technische Universität Berlin Technische Universität Chemnitz
- Technische Universität Darmstadt
- Technische Universität Dortmund Technische Universität Dresden
- Technische Universität Kaiserslautern
- Technische Universität München
- Universität des Saarlandes
- Universität Paderborn

Deutsches Zentrum für Luft- und Raumfahrt e.V.

- \* Politecnico di Milano

- \* Università degli Studi di Firenze
   \* Università degli Studi di Napoli Federico II
   Università degli Studi di Roma "La Sapienza"
- \* Università degli Studi di Verona

- \* Delft University of Technology
- \* University of Groningen
- \* University of Twente

Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences

- Far Eastern Branch of Russian Academy of Sciences
- \* Far Eastern Federal University
- \* Lobachevsky State University of Nizhni Novgorod
- \* Lomonosov Moscow State University
- \* Novosibirsk State University Siberian Branch of the Russian Academy of Sciences
- \* National Research University Higher School of Economics
- \* Saint-Petersburg University

- \* University of Granada
- \* Universidad de Valladolid

\* Chalmers University of Technology

- \* KTH Royal Institute of Technology
- Stockholm University
- Umeå University
- Uppsala University

- École Polytechnique Fédérale de Lausanne
- \* Eidgenössische Technische Hochschule Zürich
- \* Université de Genèva

\* National Technical University of Ukraine "Kyiv Polytechnic Institute"

#### United Kingdom

Imperial College London

The School of Oriental and African Studies, University of London The University of Nottingham

- The University of Sheffield
- The University of York University College London

#### (Africa)

\* Université Mohammed V-Agdal

\* The University of KwaZulu-Natal

#### (Middle East)

\* University of Tehran

\* Istanbul Technical University

#### (Asia)

- \* Beihang University\* Beijing University of Posts and Telecommunications
- Beijing University of Technology
- China University of Geosciences (Wuhan) Chinese Academy of Social Sciences
- Chongqing University

- City University of Hong Kong Dalian University of Technology Dongbei University of Finance and Economics
- East China Normal University
- Fudan University
  Huazhong University of Science & Technology
- Jilin University
- Lanzhou University
- Naniing University
- Nanjing University of Aeronautics and Astronautics
- Northeastern University
- Ocean University of China Peking University
- Shanghai Jiao Tong University Shanghai Ocean University Shanghai University
- Southeast University
- The Hong Kong University of Science and Technology
- Tianjin University
- Tongji University

- Tongli University, Beijing
  University of Science and Technology Beijing
  University of Science and Technology of China
  Wuhan University of Technology
- Xiamen University
- Xi'an Jiaotong University Yangzhou University
- Zhejiang University
- \* Indian Institute of Science \* Indian Institute of Technology Bombay

- \* Bogor Agricultural University
- \* Gadjah Mada University
- \* Institut Teknologi Bandung Padjadjaran University
- \* Universitas Indonesia

### \* University of Brawijaya

\* University of Malaya

Mongolian University of Science and Technology The Mongolian Academy of Sciences

\* National University of Singapore

- Changwon National University
- Chonbuk National University Chosun University
- Chung-Ang University
- Chungnam National University
- Dong-eui University
- Gwangju Institute of Science and Technology
- Kongju National University
- Kookmin University
- Korea Advanced Institute of Science and Technology (KAIST)
- Korea University
- Kyung Hee University
- Kyungpook National University
  Pohang University of Science and Technology (POSTECH)
- Pukyong National University
- Pusan National University Seoul National University
- Sogang University
- Sungkyunkwan University
- Yeungnam University Yonsei University

\* University of Moratuwa

- \* National Cheng Kung University \* National Chengchi University
- National Chiao Tung University
- National Chung Cheng University National Chung Hsing University
- National Taiwan Ocean University
- National Taiwan University
- \* National Tsing Hua University, Hsinchu
- Soochow University
- National Central University

- Asian Institute of Technology
- Chiang Mai University
- Chulalongkorn University
  King Mongkut's Institute of Technology Ladkrabang
- King Mongkut's University of Technology Thonburi
- Suranaree University of Technology Thammasat University
- Thai-Nichi Institute of Technology

- Foreign Trade University
- Vietnam National University, Hanoi
- \* Ho Chi Minh City University of Technology

#### **Oceania**

- \* The Australian National University
- The University of New South Wales
- The University of Sydney The University of Melbourne

\* The University of Auckland

#### (North America)

- \* University of Ottawa \* University of Waterloo

#### **United States of America**

- \* Case Western Reserve University
- \* Colorado School of Mines Harvard University
- \* Institute of International Education
- Michigan State University
- National Institutes of Health of the Department of Health and Human Services
- \* Pennsylvania State University \* Purdue University
- Syracuse University
- Temple University
  Texas A&M University
- University at Albany, State University of New York
- University of Alaska
- University of California, Berkeley University of California, Davis
- University of California, Irvine

- University of California, Los Angeles University of California, Merced 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 Maryland, College Park
- \* University of Hawai'i at Mānoa
- University of Washington
- \* University of North Carolina Charlotte

### (South and Central America)

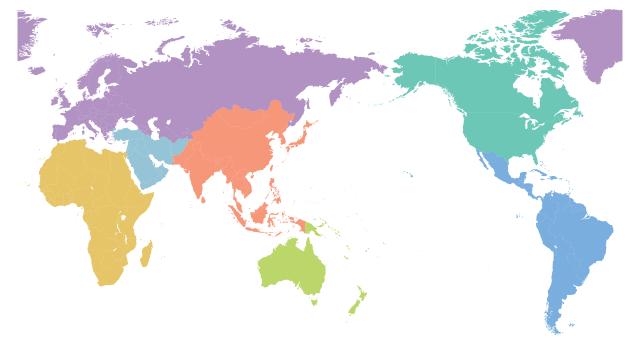
\* Universidad Simón Bolívar

#### (International Organization)

## International Organization

ITER International Fusion Energy Organization

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



## **Academic Exchange Agreements with Foreign Institutions**

## Department Level Agreements

## 52 countries and regions, 411 institutions

Bangladesh (1)	Institution	Department	Year
9 (1)	University of Dhaka, Faculty of Biological Science	Graduate School of Agricultural Science / Faculty of Agriculture	2014/04/27
01: (35)	B 3 - 11 - 2 - 2 - 1 - 1 - 1 - 1 - 1 - 1 -		0005/44/05
China (75)	Beihang University, School of Materials Science and Engineering	Institute for Materials Research	2005/11/25
	Beijin Normal University, Faculty of Education	Graduate School / Faculty of Education	2013/05/08
	Beijing Hospital	Graduate School / School of Medicine	1994/11/16
	China Medical University	Graduate School / School of Medicine	1982/09/29
	China University of Geosciences, Faculty of Material Science & Chemistry Engineering	Institute for Materials Research	2010/07/07
	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	2010/04/12
		Research	
	Chinese Academy of Sciences, Institute of Metal Research	Institute for Materials Research	1997/11/26
	* Chinese Academy of Sciences, Institute of Physics	Institute for Materials Research	1993/02/17
	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, Institute of Solid State Physics	Institute for Materials Research	1985/01/01
	Chinese Academy of Sciences, Shanghai Institute of Ceramics	Institute for Materials Research	1998/12/03
	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	,	2000/06/12
	Dalian University of Technology, School of Materials Science and Engineering	Institute for Materials Research	2005/10/07
	Dongbei University of Finance and Economics, School of Accounting	Graduate School of Economics and	2005/05/01
	* East China Normal University, School of Education Science	Management / Faculty of Economics Graduate School / Faculty of Education	2013/11/20
	East China Normal University, School of Education Science     East China Normal University, School of Psychology and Cognitive Science		2013/11/29
	, , , , , , , , , , , , , , , , , , ,	Graduate School / Faculty of Education Graduate School / School of Engineering	2013/11/29
	* East China University of Science and Technology, School of Mechanical and Power Engineering	Graduate School / School of Engineering	2010/07/23
	Fujian Medical University School of Stomatoligy	Graduate School / School of Dentistry	2013/04/01
	Guang Dong Institute of Ethnic and Religious Studies	Center for Northeast Asian Studies	2001/06/25
	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 United University	Graduate School / School of Engineering	2009/02/20
	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 University, School of Mongolian Studies	Center for Northeast Asian Studies	2008/09/22
	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 Normal University, School of Education Science	Graduate School / Faculty of Education	2010/11/25
		O	
	* Nanjing Normal University, School of Psychology	Graduate School / Faculty of Education	2013/11/27
	Nanjing Normal University, School of Psychology     Nanjing University, School of Chemistry and Chemical Engineering	Graduate School / Faculty of Education Graduate School / Faculty of Science	2013/11/27 2014/03/28
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters	2014/03/28 2015/12/16
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies	2014/03/28 2015/12/16 2015/12/16
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural	2014/03/28 2015/12/16
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and	2014/03/28 2015/12/16 2015/12/16
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine	2014/03/28 2015/12/16 2015/12/16 2016/02/25 2015/01/18 1981/11/23
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies  National Center for Nanoscience and Technology	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for	2014/03/28 2015/12/16 2015/12/16 2016/02/25 2015/01/18
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies  National Center for Nanoscience and Technology  Northeastern University  Northeastern University	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials	2014/03/28 2015/12/16 2015/12/16 2015/02/28 2015/01/18 1981/11/23
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies  National Center for Nanoscience and Technology  Northeastern University  Northeastern University  Northeast Normal University, Faculty of Education	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education	2014/03/28 2015/12/16 2015/12/16 2015/02/28 2015/01/18 1981/11/23 2014/11/14
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies  National Center for Nanoscience and Technology  Northeastern University  Northeastern University	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education	2014/03/28 2015/12/16 2015/12/16 2015/02/28 2015/01/18 1981/11/23
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies  National Center for Nanoscience and Technology  Northeastern University  Northeastern University  Northeast Normal University, Faculty of Education	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for	2014/03/28 2015/12/16 2015/12/16 2016/02/28 2015/01/18 1981/11/23 2014/11/14 2001/12/28
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education      Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials	2014/03/21 2015/12/10 2015/12/10 2016/02/25 2015/01/11 1981/11/23 2014/11/12 2001/12/25 1998/11/05
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education     Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology  Peking University, Center of Japanese Studies	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for	2014/03/28 2015/12/16 2015/12/16 2016/02/28 2015/01/18 1981/11/23 2014/11/12 2014/11/12 1998/11/05 1999/05/18
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education     Ocean University of China, Fisheries College      Peking University, Center for Nanoscale Science and Technology      Peking University, Center of Japanese Studies     Renmin University of China, School of Business	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education	2014/03/21 2015/12/11 2015/12/11 2016/02/2: 2015/01/11 1981/11/2: 2014/11/12 2014/11/12 1998/11/03
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education      Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology  Peking University, Center of Japanese Studies     Renmin University of China, School of Business  * Renmin University of China, School of Public Administration	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School / Faculty of Education Graduate School of Economics and Management / Faculty of Economics Graduate School of Information Sciences	2014/03/21 2015/12/11 2015/12/11 2016/02/2: 2015/01/11 1981/11/2: 2014/11/12 2014/11/12 1998/11/01 1999/05/11 2004/10/12
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education     Ocean University of China, Fisheries College      Peking University, Center for Nanoscale Science and Technology      Peking University, Center of Japanese Studies     Renmin University of China, School of Business	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School / Faculty of Education Graduate School of Economics and Management / Faculty of Economics Graduate School of Information Sciences Graduate School of Environmental	2014/03/28 2015/12/16 2015/12/16 2015/12/16 2016/02/28 2015/01/18 1981/11/23 2014/11/12 2014/11/12 1998/11/08 1999/05/18 2004/10/14
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education      Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology  Peking University, Center of Japanese Studies     Renmin University of China, School of Business  * Renmin University of China, School of Public Administration	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School / Faculty of Education Graduate School of Economics and Management / Faculty of Economics Graduate School of Information Sciences Graduate School of Environmental Studies Graduate School of Agricultural Science /	2014/03/28 2015/12/16 2015/12/16 2015/12/16 2015/02/28 2015/01/18 1981/11/23 2014/11/14 2001/12/28 1998/11/05 1999/05/18 2004/10/1/ 2008/10/27
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies  National Center for Nanoscience and Technology Northeastern University Northeastern University      Northeast Normal University, Faculty of Education      Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology  Peking University, Center of Japanese Studies Renmin University of China, School of Business      Renmin University of China, School of Public Administration      Shanghai Jiao Tong University      Shanghai Ocean University	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Medicine Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Faculty of Education Graduate School of Economics Graduate School of Information Sciences Graduate School of Information Sciences Graduate School of Environmental Studies Graduate School of Agricultural Science / Faculty of Agriculture	2014/03/28 2015/12/16 2015/12/16 2015/12/16 2016/02/28 2015/01/18 1981/11/23 2014/11/14 2001/12/28 1998/11/05 1999/05/18 2004/10/12 2008/10/23 2013/11/12
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education     Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology  Peking University, Center of Japanese Studies     Renmin University of China, School of Business      Renmin University of China, School of Public Administration      Shanghai Jiao Tong University	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School / Faculty of Education Graduate School of Economics and Management / Faculty of Economics Graduate School of Information Sciences Graduate School of Environmental Studies Graduate School of Agricultural Science /	2014/03/28 2015/12/16 2015/12/16 2015/12/16 2015/01/18 1981/11/23 2014/11/12 2001/12/28 1998/11/05 1999/05/18 2004/10/12 2008/10/23 2002/10/3 2006/09/28
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education      Ocean University of China, Fisheries College      Peking University, Center for Nanoscale Science and Technology     Peking University, Center of Japanese Studies     Renmin University of China, School of Business      Renmin University of China, School of Public Administration     Shanghai Jiao Tong University      Shanghai Ocean University     Sichuan University, West China School of Stomatology     Sichuan University, West China School of Pharmacy	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School / Faculty of Education Graduate School of Economics and Management / Faculty of Economics Graduate School of Information Sciences Graduate School of Environmental Studies Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Dentistry Graduate School / Faculty of Fraculty of	2014/03/28 2015/12/16 2015/12/16 2015/12/16 2016/02/28 2015/01/18 1981/11/23 2014/11/12 2004/10/14 2008/10/23 2005/09/28 2006/09/28 2016/02/13
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education     Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology  Peking University, Center of Japanese Studies     Renmin University of China, School of Business  Renmin University of China, School of Public Administration      Shanghai Jiao Tong University  Shanghai Ocean University  Sichuan University, West China School of Stomatology  Sichuan University, West China School of Pharmacy  Soochow University, College of Pharmaceutical Sciences	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School of Faculty of Education Graduate School / Faculty of Education Graduate School of Economics and Management / Faculty of Economics Graduate School of Information Sciences Graduate School of Environmental Studies Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Dentistry Graduate School / School of Dentistry Graduate School / Faculty of Pharmaceutical Sciences	2014/03/28 2015/12/16 2015/12/16 2015/12/16 2015/02/28 2015/01/18 1981/11/23 2014/11/14 2001/12/28 1998/11/05 1999/05/18 2004/10/14 2008/10/27 2013/11/12 2006/09/28 2010/02/11
	* Nanjing University, School of Chemistry and Chemical Engineering * Nankai University, College of Foreign Language  * Nankai University, College of Foreign Language  * Nankai University, Institute of Japan Studies  National Center for Nanoscience and Technology Northeastern University Northeastern University  * Northeast Normal University, Faculty of Education * Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology  Peking University, Center of Japanese Studies Renmin University of China, School of Business  * Renmin University of China, School of Public Administration  * Shanghai Jiao Tong University  Sichuan University, West China School of Stomatology Sichuan University, West China School of Pharmacy  * Soochow University, College of Pharmaceutical Sciences  * Southeast University, School of Economics and Management	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Medicine Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School of Faculty of Education Graduate School / Faculty of Education Graduate School of Faculty of Education Graduate School of Economics and Management / Faculty of Environmental Studies Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / Faculty of Pharmaceutical Sciences Graduate School / Faculty of Pharmaceutical Sciences Graduate School / Faculty of Pharmaceutical Sciences Graduate School of Economics and Management / Faculty of Economics	2014/03/28 2015/12/16 2015/12/16 2015/12/16 2015/01/18 1981/11/23 2014/11/14 2001/12/28 1998/11/05 1999/05/18 2004/10/14 2008/10/27 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12
	Nanjing University, School of Chemistry and Chemical Engineering     Nankai University, College of Foreign Language      Nankai University, College of Foreign Language      Nankai University, Institute of Japan Studies      National Center for Nanoscience and Technology     Northeastern University     Northeastern University      Northeast Normal University, Faculty of Education     Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology  Peking University, Center of Japanese Studies     Renmin University of China, School of Business  Renmin University of China, School of Public Administration      Shanghai Jiao Tong University  Shanghai Ocean University  Sichuan University, West China School of Stomatology  Sichuan University, West China School of Pharmacy  Soochow University, College of Pharmaceutical Sciences	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School of Faculty of Education Graduate School / Faculty of Education Graduate School of Economics and Management / Faculty of Economics Graduate School of Information Sciences Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Dentistry Graduate School / School of Dentistry Graduate School / Faculty of Pharmaceutical Sciences Graduate School / Faculty of Pharmaceutical Sciences Graduate School of Economics and	2014/03/28 2015/12/16 2015/12/16 2015/12/16 2015/02/28 2015/01/18 1981/11/23 2014/11/14 2001/12/28 1998/11/05 1999/05/18 2004/10/14 2008/10/27 2013/11/12
	* Nanjing University, School of Chemistry and Chemical Engineering * Nankai University, College of Foreign Language  * Nankai University, College of Foreign Language  * Nankai University, Institute of Japan Studies  National Center for Nanoscience and Technology Northeastern University Northeastern University  * Northeast Normal University, Faculty of Education * Ocean University of China, Fisheries College  Peking University, Center for Nanoscale Science and Technology  Peking University, Center of Japanese Studies Renmin University of China, School of Business  * Renmin University of China, School of Public Administration  * Shanghai Jiao Tong University  Sichuan University, West China School of Stomatology Sichuan University, West China School of Pharmacy  * Soochow University, College of Pharmaceutical Sciences  * Southeast University, School of Economics and Management	Graduate School / Faculty of Science Graduate School / Faculty of Arts and Letters Graduate School of International Cultural Studies Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Medicine Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / Faculty of Education Graduate School of Agricultural Science / Faculty of Agriculture Institute of Multidisciplinary Research for Advanced Materials Graduate School of Faculty of Education Graduate School of Economics and Management / Faculty of Economics Graduate School of Information Sciences Graduate School of Environmental Studies Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Dentistry Graduate School / Faculty of Pharmaceutical Sciences Graduate School / Faculty of Pharmaceutical Sciences Graduate School of Economics and Management / Faculty of Pharmaceutical Sciences Graduate School of Economics and Management / Faculty of Economics Institute of Development, Aging and	2014/03/28 2015/12/16 2015/12/16 2015/12/16 2015/01/18 1981/11/23 2014/11/14 2001/12/28 1998/11/05 1999/05/18 2004/10/14 2008/10/27 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12 2013/11/12

(as of May 2016)

China (75)	Institution	Department	Year
	* 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	2013/11/0
	* Tianjin Medical University, Dental College and Dental Hospital	Graduate School / School of Dentistry	2010/07/0
	* Tianjin Medical University and TEDA International Cardiovascular Hospital  Tianjin University, School of Materials Science and Engineering	Graduate School / School of Medicine Institute for Materials Research	2015/05/0
	Tourism College of Inner Mongolia Normal University	Center for Northeast Asian Studies	2011/09/2
	Tsinghua University	Institute for Materials Research	1994/08/1
	Tsinghua University, Department of Hydraulic and Hydropower Engineering	Institute of Fluid Science	1993/09/20
	* 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 of Technology	Institute for Materials Research	1994/05/13
	<ul> <li>Xi'an University of Architecture and Technology, School of Environmental and Municipal Engineering</li> </ul>	Graduate School of Environmental Studies	2013/12/19
	Xidian University     Zhengzhou University, College of Materials Engineering	Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials	1999/08/12 2003/06/16
India (3)	National Chemical Laboratory, Pune	Graduate School / School of Engineering	1999/04/28
	* Indian Institute of Technology Madras	Graduate School / School of Engineering	2013/12/16
	* Vokkaligara Sangha Dental College & Hospital	Graduate School / School of Dentistry	2014/07/01
Indonesia (13)	* Airlangga University, Faculty of Dental Medicine	Graduate School / School of Dentistry	2015/02/16
	Gadjah Mada University, Faculty of Agriculture	Graduate School of Environmental Studies	2014/06/11
	* Hasanuddin University, Faculty of Agriculture	Graduate School of Agricultural Science / Faculty of Agriculture	
	* 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
	* Padjadjaran University, Faculty of Mathematics and Natural Sciences	Graduate School / School of Engineering	2011/01/31
	Padjadjaran University, Faculty of Medicine	Graduate School / School of Medicine	2012/02/03
	* 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	2014/06/0
	* Universitas Gadjamada, Fakultas Ilmu Budaya	Graduate School / Faculty of Arts and Letters	2016/02/10
14.1(0)	* University of Brawijaya, Faculty of Mathematics and Natural Sciences	Graduate School / Faculty of Science	2013/11/17
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 (4)	* 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	2015/01/0
	* 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
Philippines (6)	Angeles Unviersity Foundation	International Research Institute of Disaster Science	2014/11/03
	* Mindanao State University, Iligan Institute of Technology (MSU-IIT)		1999/09/09
		Graduate School / School of Medicine	2042/04/01
	Research Institute for Tropical Medicine	Craduata Cabaal / Cabaal of Madiaina	2013/01/25
	San Lazaro Hospital	Graduate School / School of Medicine	2003/09/17
	San Lazaro Hospital  The Cabinet of the Philippines, Department of Science and Technology, Project NOAH	International Research Institute of Disaster Science	2003/09/17
Singapora (A)	San Lazaro Hospital  The Cabinet of the Philippines, Department of Science and Technology, Project NOAH  University of the Philippines Manila	International Research Institute of Disaster Science International Research Institute of Disaster Science	2003/09/17 2015/03/18 2014/06/20
Singapore (4)	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering	2003/09/1 2015/03/1 2014/06/2 2010/10/1
Singapore (4)	San Lazaro Hospital  The Cabinet of the Philippines, Department of Science and Technology, Project NOAH  University of the Philippines Manila	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering	2003/09/1 2015/03/1 2014/06/2 2010/10/1
Singapore (4)	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering	2003/09/1 <sup>1</sup> 2015/03/1 <sup>1</sup> 2014/06/2 <sup>0</sup> 2010/10/1 <sup>2</sup> 2000/04/1 <sup>2</sup> 2005/05/0
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer	2003/09/11 2015/03/18 2014/06/20 2010/10/12 2000/04/14 2005/05/06 2013/07/18
Singapore (4)  South Korea (39)	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic Changwon National University, Institute for Basic Science	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research	2003/09/17 2015/03/18 2014/06/20 2010/10/12 2000/04/14 2005/05/06 2013/07/15
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry	2003/09/17 2015/03/18 2014/06/20 2010/10/12 2000/04/14 2005/05/06 2013/07/15 2004/04/08 1991/08/30
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic Changwon National University, Institute for Basic Science	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of	2003/09/17 2015/03/18 2014/06/20 2010/10/12 2000/04/14 2005/05/06 2013/07/18 2004/04/08 1991/08/30 2007/11/12
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry  * Chonnam National University, College of Engineering Chungbuk National University, College of Pharmacy	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences	2003/09/11 2015/03/14 2014/06/20 2010/10/12 2005/05/06 2013/07/11 2004/04/09 1991/08/30 2007/11/12
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry  * Chonnam National University, College of Engineering Chungbuk National University, College of Pharmacy  * Chungnam National University, College of Engineering	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences Graduate School / School of Engineering	2003/09/11 2015/03/18 2014/06/20 2010/10/12 2000/04/14 2005/05/06 2013/07/18 2004/04/08 1991/08/30 2007/11/12 1998/11/23
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry  * Chonnam National University, College of Engineering Chungbuk National University, College of Pharmacy	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences Graduate School / School of Engineering Institute for Materials Research Graduate School / Faculty of Arts and	2003/09/11 2015/03/18 2014/06/20 2010/10/12 2000/04/14 2005/05/06 2013/07/18 2004/04/09 1991/08/30 2007/11/12 2000/07/20 2002/05/3
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic  Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry  * Chonnam National University, College of Engineering Chungbuk National University, College of Engineering  * Chungnam National University, College of Engineering Dong-eui University, Research Center for Electronics Ceramics  * Dongguk University, College of Liberal Arts	International Research Institute of Disaster Science International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences Graduate School / School of Engineering Institute for Materials Research	2003/09/11 2015/03/11 2014/06/21 2010/10/12 2000/04/1- 2005/05/0 2013/07/11 2004/04/0! 1991/08/3 2007/11/12 2000/07/2 2002/05/3 2012/07/0
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic  Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry  * Chonnam National University, College of Engineering Chungbuk National University, College of Pharmacy  * Chungnam National University, College of Engineering Dong-eui University, Research Center for Electronics Ceramics  * Dongguk University, Institute of Hybrid Materials for Information and Biotechnology	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences Graduate School / School of Engineering Institute for Materials Research Graduate School / Faculty of Arts and Letters Institute of Multidisciplinary Research for Advanced Materials	2003/09/1 2015/03/1 2014/06/2 2010/10/1 2000/04/1 2005/05/0 2013/07/1 2004/04/0 1991/08/3 2007/11/1 2000/07/2 2002/05/3 2012/07/0
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic  Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry  * Chonnam National University, College of Engineering Chungbuk National University, College of Engineering  * Chungnam National University, College of Engineering Dong-eui University, Research Center for Electronics Ceramics  * Dongguk University, College of Liberal Arts	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute of Fluid Science Institute for Materials Research Institute for Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences Graduate School / School of Engineering Institute for Materials Research Graduate School / Faculty of Arts and Letters Institute of Multidisciplinary Research for	2003/09/1 2015/03/1 2014/06/2 2010/10/1 2000/04/1 2005/05/0 2013/07/1 2004/04/0 1991/08/3 2007/11/1 2000/07/2 2002/05/3 2012/07/0 2003/01/1 1999/05/1
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic  Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry  * Chonnam National University, College of Engineering Chungbuk National University, College of Engineering Dong-eui University, Research Center for Electronics Ceramics  * Dongguk University, Institute of Hybrid Materials for Information and Biotechnology Hanyang University, Ceramic Material Research Institute	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences Graduate School / School of Engineering Institute for Materials Research Graduate School / Faculty of Arts and Letters Institute of Multidisciplinary Research for Advanced Materials Institute for Materials Research	2003/09/1 2015/03/1 2014/06/2 2010/10/1 2000/04/1 2005/05/0 2013/07/1 2004/04/0 1991/08/3 2007/11/1. 2002/05/3 2012/07/0 2003/01/1 1999/05/1 2007/01/0
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic  Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry Chonnam National University, College of Engineering Chungbuk National University, College of Engineering Chungbuk National University, College of Engineering Dong-eui University, Research Center for Electronics Ceramics  Dongguk University, College of Liberal Arts Hannam University, Institute of Hybrid Materials for Information and Biotechnology Hanyang University, Ceramic Material Research Institute  * Hanyang University, College of Engineering and Graduate School	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences Graduate School / School of Engineering Institute for Materials Research Graduate School / Faculty of Arts and Letters Institute of Multidisciplinary Research for Advanced Materials Institute for Materials Research Graduate School / School of Engineering	2003/09/1 2015/03/1 2014/06/2 2010/10/1 2000/04/1 2005/05/0 2013/07/1 2004/04/0 1991/08/3 2007/11/1 2002/05/3 2012/07/0 2003/01/1 1999/05/1 2007/01/0 2012/04/0
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry  * Chonnam National University, College of Engineering Chungbuk National University, College of Engineering Chungbuk National University, College of Engineering Dong-eui University, Research Center for Electronics Ceramics  * Dongguk University, Institute of Hybrid Materials for Information and Biotechnology Hanyang University, College of Engineering and Graduate School  * Hanyang University, College of Engineering and Graduate School	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences Graduate School / Faculty of Pharmaceutical Sciences Graduate School / Faculty of Arts and Letters Institute for Materials Research Graduate School / Faculty of Arts and Letters Institute of Multidisciplinary Research for Advanced Materials Institute for Materials Research Graduate School / School of Engineering Institute for Materials Research	2003/09/11 2015/03/18 2014/06/20 2010/10/12 2000/04/14 2005/05/06 2013/07/18 2004/04/08 1991/08/30 2007/11/12 2002/05/3 2012/07/04 2003/01/11 2007/01/10 2007/01/10 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03
	San Lazaro Hospital The Cabinet of the Philippines, Department of Science and Technology, Project NOAH University of the Philippines Manila  * Nanyang Technological University, College of Engineering Nanyang Technological University, School of Mechanical and Aerospace Engineering Singapore Institute of Manufacturing Technology Temasek Polytechnic Changwon National University, Institute for Basic Science Chonnam National University, School of Dentistry  * Chonnam National University, College of Engineering Chungbuk National University, College of Pharmacy  * Chungnam National University, College of Engineering Dong-eui University, Research Center for Electronics Ceramics  * Dongguk University, Institute of Hybrid Materials for Information and Biotechnology Hanyang University, College of Engineering and Graduate School  * Hanyang University, College of Engineering Science Inha University, College of Engineering Science	International Research Institute of Disaster Science International Research Institute of Disaster Science Graduate School / School of Engineering Institute of Fluid Science Institute of Fluid Science Institute for Materials Research Institute of Development, Aging and Cancer Institute for Materials Research Graduate School / School of Dentistry Graduate School / School of Engineering Graduate School / Faculty of Pharmaceutical Sciences Graduate School / Faculty of Pharmaceutical Sciences Graduate School / Faculty of Arts and Letters Institute for Materials Research Graduate School / Faculty of Arts and Letters Institute of Multidisciplinary Research for Advanced Materials Institute for Materials Research Graduate School / School of Engineering Institute of Fluid Science Institute for Materials Research Graduate School / School of Engineering Institute of Multidisciplinary Research Graduate School / School of Engineering Institute of Materials Research Graduate School of Agricultural Science / Faculty of Agricultural	2003/09/17 2015/03/18 2014/06/20 2010/10/12 2000/04/14 2005/05/06 2013/07/15 2004/04/08 2007/11/12 2002/05/31 2012/07/04 2003/01/17 1999/05/13 2007/01/08 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03 2012/04/03

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

## **Academic Exchange Agreements with Foreign Institutions**

## Department Level Agreements

Country / F	<u> </u>	Department	Year
South Korea (	Korea Advanced Institute of Science and Technology, Electronic Components Institute Materials Design Education Center (EMDEC)	for Materials Research	2000/05/1
	Korea Institute of Science and Technology (KIST)  * Korea Institute of Science and Technology (KIST), Future Convergence Gradua	e for Materials Research ate School / School of Medicine	1989/11/15
	Research Division	e for Materials Research	2009/04/1
		for Northeast Asian Studies	2008/04/1
		for Northeast Asian Studies	2008/04/25
		ite School / Faculty of Education	2011/12/10
	Korea University, Division of Materials Science and Engineering, College of Institute Engineering	· · · · · · · · · · · · · · · · · · ·	2005/11/26
	Myongji University, Graduate School of Social Education Gradua	te School / Faculty of Education	2000/03/17
	Pohang University of Science & Technology (POSTECH), World Class Advance University (WCU): Division of Advanced Materials Science (AMS)  Resear	ch	2010/03/27
		ete School / School of Engineering for Materials Research	1995/02/13 2007/02/26
	Pusan National University, Research Institute of Industrial Technology Institute	e for Materials Research	1996/10/28
		e for Materials Research	1996/04/21
		te School / Faculty of Education	2014/03/28
	· · ·	e for Materials Research	1993/07/14
		e of Fluid Science	2013/06/20
		ete School of Life Sciences of for Materials Research	2002/08/07
	Sungkyunkwan University, Advanced Materials & Process Research Center for IT Institute	e of Multidisciplinary Research for	2003/06/09
		eed Materials ate School / Faculty of Education	2010/04/23
		ate School / School of Medicine	2007/08/06
		e for Materials Research	1996/11/14
	* Yonsei University, College of Engineering Gradua	te School / School of Engineering	1999/08/24
Taiwan (33)	Academia Sinica, Institute of Chinese Literature and Philosophy  Gradua Letters	ite School / Faculty of Arts and	2004/09/24
	Academia Sinica, Institute of Earth Sciences Gradua	te School / Faculty of Science	2008/12/04
	Academia Sinica, Institute of History and Philology  Cradua  Letters	te School / Faculty of Arts and	2003/08/05
	Academia Sinica, Institute of Physics Cyclotro	on and Radioisotope Center	2008/02/27
	Academia Sinica, Institute of Sociology  Gradua  Letters	ite School / Faculty of Arts and	2013/04/15
	* Chang Gung University, College of Engineering Institute	e of Fluid Science	2011/07/20
	* Fu Jen Catholic University, College of Foreign Languages  Gradua  Letters	ite School / Faculty of Arts and	2008/12/24
		ch Organization of Electrical unication	2013/11/22
	Industrial Technology Research Institute, Materials and Chemical Research Institute, Laboratories	for Materials Research	2002/10/29
	Industrial Technology Research Institute Southern Region Campus Institute	ate School / School of Engineering e of Multidisciplinary Research for eed Materials	2010/01/25 2009/11/27
		ate School of Information Sciences	2009/05/05
	* Kaohsiung University, College of Humanities and Social Sciences  Gradua  Letters	ite School / Faculty of Arts and	2012/04/01
	Metal Industries Research & Development Centre Institute	e for Materials Research	2015/12/18
	National Applied Research Laboratories, National Nano Device Laboratories Institute	e of Fluid Science	2004/07/21
		te School / School of Engineering	2008/03/28
		ate School / Faculty of Education ate School of Economics and	2012/09/03
		ement / Faculty of Economics ate School / Faculty of Arts and	1999/04/03
	Letters		2013/05/08
	Commu	unication	
		ate School of Information Sciences ate School of Economics and	2010/07/26
	Manage Manage	ement / Faculty of Economics	
		te School / Faculty of Science	2015/05/02
		te School / Faculty of Education	2008/12/05
		ite School / Faculty of Education	2011/03/04
	Disaste	tional Research Institute of er Science	2015/03/17
		e for Materials Research	1998/03/23
	Manage	ate School of Economics and ement / Faculty of Economics	2015/03/23
	Manage	ate School of Economics and ement / Faculty of Economics	2007/09/27
		ate School / Faculty of accutical Sciences	2013/11/15
		te School / School of Medicine	2013/05/17
	Faculty	ate School of Agricultural Science / of Agriculture	
		ate School / School of Engineering e of Multidisciplinary Research for	2015/12/10
Thailand (12)		ed Materials	
Thailand (12)			2014/40/00
Thailand (12)	* Chulalongkorn University, Faculty of Dentistry Gradua	te School / School of Dentistry	2014/12/09
Thailand (12)	* Chulalongkorn University, Faculty of Dentistry Gradua * Kasetsart University, Faculty of Engineering Gradua		2013/11/11

(as of May 2016)

Area	Country / Region	Institution	Department	Year
Asia	Thailand (12)	Khon Kaen University, Faculty of Dentistry  * Khon Kaen University, Faculty of Management Science	Graduate School / School of Dentistry Graduate School of Economics and	2015/02/19
		A MINISTER OF THE CAMPAN PROPERTY OF	Management / Faculty of Economics	0040/44/04
		Mahidol University, Faculty of Medicine, Ramathibodi Hospital     Prince of Songkla University, Faculty of Dentistry	Graduate School / School of Medicine Graduate School / School of Dentistry	2013/11/01
		* 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, Sirindhorn International Institute of Technology (SIIT)	Graduate School of Information Sciences	2008/01/21
	Vietnam (5)	* 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	
		Vietnam National University - Ho Chi Minh City, University of Science     Vietnamese Academy of Science and Technology, Institute of Materials Science	Graduate School / School of Engineering	2009/07/20
		* Water Resources University	Graduate School / School of Engineering Graduate School / School of Engineering	2008/02/14
Middle and	Iran (1)	* Shiraz University, Engineering School	Graduate School / School of Engineering	2002/03/01
Near East	Kuwait (1)	Kuwait Institute for Scientific Research (KISR)	Institute of Multidisciplinary Research for Advanced Materials	2013/02/18
	Turkey (1)	Istanbul Technical University, Applied Research Center of Materials Science & Production Technology	Institute for Materials Research	2007/07/19
Africa	Egypt (2)	Assiut University	Institute for Materials Research	1996/01/02
		* Egypt-Japan University of Science and Technology (E-JUST)	Graduate School / School of Engineering	2013/05/12
	Nigeria (1)	* University of Nigeria, Nsukka, Faculty of Physical Sciences	Graduate School / Faculty of Science	2016/02/26
Oceania	South Africa (1) Australia (5)	Rhodes University, Faculty of Science     Griffith University, Faculty of Engineering and Information Technology	Graduate School / Faculty of Science Graduate School / School of Engineering	2013/09/16
Occama	Australia (5)	Griffith University, School of Medicine	Graduate School / School of Medicine	2015/07/02
		Macquarie University, The Australian School of Advanced Medicine	Institute of Development, Aging and Cancer	2014/04/15
		Queensland University of Technology, School of Nursing, Faculty of Health	Graduate School / School of Medicine	2006/04/10
		The University of Melbourne, The Particulate Fluids Processing Centre (PFPC)	Advanced Institute for Materials Research	2011/10/26
	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 (7)	Concordia University of Edmonton	Graduate School / School of Medicine	2016/02/08
		McGill University, Montreal Neurological Institute	Institute of Development, Aging and Cancer	2010/06/08
		McGill University, McGill Metal Processing Center	Institute of Multidisciplinary Research for Advanced Materials	
		University of British Columbia, Faculty of Dentistry	Graduate School / School of Dentistry	2001/04/23
		University of Toronto, Institute for Aerospace Studies University of Toronto, Department of Metallurgy and Materials Science	Institute of Fluid Science Institute of Multidisciplinary Research for Advanced Materials	1994/06/20 1998/12/01
		* University of Victoria, Faculty of Engineering	Graduate School of Information Sciences	2009/12/21
	U. S. A. (30)	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, Division of Engineering and Applied Sciences  Harvard University, The Edwin O. Reischauer Institute of Japanese Studies	Institute for Materials Research International Research Institute of	2002/05/31
		Massachusetts Institute of Technology, Research Laboratory of Electronics and	Disaster Science Graduate School / School of Engineering	2015/01/09
		Microsystems Technology Laboratories  Massachusetts Institute of Technology, Research Laboratory of Electronics and Microsystems Technology Institute of Technology, Research Laboratory of Electronics and	Institute for Materials Research	2015/01/09
		Microsystems Technology Laboratories  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		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
		Rice University, George R. Brown School of Engineering	Institute for Materials Research	2012/01/30
		Rice University, George R. Brown School of Engineering	Institute of Fluid Science	2009/02/18
		Rutgers University, WINLAB (Wireless Network Laboratory)	Research Institute of Electrical Communication	2009/12/09
		State University of New York, College of Nanoscale Science and Engineering (CNSE)	Research Institute of Electrical Communication	2011/09/30
		* 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
		* The City College of New York, The Grove School of Engineering	Graduate School / School of Engineering	2010/12/13
		The Forsyth Institute The United Nations Development Programme (UNDP)	Graduate School / School of Dentistry International Research Institute of	2005/12/09 2015/08/04
		University of California, Los Angeles (UCLA), Institute for Pure and Applied	Disaster Science Advanced Institute for Materials Research	2012/08/02
		Mathematics (IPAM) University of California, Santa Barbara	Institute for Materials Research	2004/03/12
		University of Illinois at Chicago	Graduate School / Faculty of Science	2000/05/01
		* University of Illinois at Urbana-Champaign, Department of Electrical and Computer Engineering of College of Engineering		2013/07/29
			Engineering	

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

## **Academic Exchange Agreements with Foreign Institutions**

## Department Level Agreements

Area	Country / Region	Institution	Department	Year
North America			Institute of Development, Aging and	1988/08/29
		Harris St. CK. Co. L. O. H CE	Cancer	0000/44/47
		University of Kentucky, College of Engineering	Institute of Fluid Science	2008/11/17
		University of Pennsylvania, School of Engineering & Applied Science	Institute for Materials Research	1997/04/25
		University of Utah, Department of Metallurgical Engineering	Institute of Multidisciplinary Research for Advanced Materials	1998/11/15
		* University of Wyoming, College of Engineering	Graduate School / School of Engineering	2005/06/22
entral and	Brazil (1)	Federal University of Rio Grande do Sul, Faculty of Law and LL.M. Program	Graduate School / School of Law	2002/09/02
outh America	Chile (2)	* University of Atacama	Graduate School / School of Engineering	2006/03/22
		* University of Conception	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		2000/03/30
ırope	Belarus (1)	National Academy of Sciences of Belarus, A.V. Luikov Heat and Mass Transfer		2016/02/05
поре		Institute		
	Belgium (4)	Belgian Nuclear Research Centre (SCK-CEN), Materials Research Department  * Ghent University, Faculty of Arts and Philosophy	Graduate School / Faculty of Arts and Letters	2004/04/15
		* l'Université Libre de Bruxelles, Faculté d'Architecture La Cambre - Horta		2010/09/02
		* Université catholique de Louvain, Faculty of Sciences	Graduate School / Faculty of Science	2007/08/29
	Croatia (1)	Juraj Dobrila University of Pula	Graduate School / Faculty of Arts and	2016/04/01
			Letters	
	Czech Republic (5)	Academy of Sciences of the Czech Republic, 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 Medecine	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		1997/11/10
	Denmark (5)	* Aalborg University, Center for TeleInfrastractur (CTIF)		2010/11/26
	Definition (5)	* Technical University of Denmark		
			Graduate School / School of Engineering	2000/04/13
		* University of Copenhagen	Graduate School / Faculty of Science	1999/09/20
		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 (5)	* Aalto University, School of Economics	Graduate School of Economics and Management / Faculty of Economics	2011/07/07
		* Turku University of Applied Sciences, Faculty of Telecommunication and e-Business		
		University of Jyväskylä	Institute of Development, Aging and Cancer	2012/04/12
		University of Oulu, Institute of Dentistry, Faculty of Medicine  * University of Turku, The Faculty of Social Sciences	Graduate School / School of Dentistry Graduate School / Faculty of Arts and Letters	2007/04/13
	France (22)	Albi-Carmaux School of Engineering	Institute of Multidisciplinary Research for Advanced Materials	1999/10/04
		* Bordeaux National Higher School of Electronics, Computer Science, and Radio Communications	Graduate School / School of Engineering	2008/04/23
		École des Mines de Saint-Etienne, Centre Matériaux et Structures	Institute for Materials Research	1997/04/29
		* Ecole Nationale Supérieure de Chimie de Rennes	Graduate School / Faculty of Science	2016/01/04
		* École Nationale Supérieure d'Informatique pour l'Industrie et l'Entreprise (ENSIIE)	Graduate School / School of Engineering	2013/05/29
		* Ecole Normale Supérieure de Lyon	Graduate School / Faculty of Science	2006/12/08
		Grenoble Institute of Technology, Laboratoire de Thermodynamique et Physico- Chimie Métallurgique		2001/02/05
		* 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		2007/07/12
		National Center of Scientific Research, The Interdisciplinary Center on		2005/10/24
		Nanoscience of Marseille	Communication	1000:
		National Polytechnic Institute of Lorraine	Institute for Materials Research	1980/09/09
			Research Organization of Electrical	0040/04/06
		Orange	Communication	2013/01/09
		Orange Synchrotron SOLEIL		
			Communication Institute of Multidisciplinary Research for Advanced Materials	2013/06/27
		Synchrotron SOLEIL  * Telecom Paris Tech	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences	2013/06/27
		Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science	2013/06/27 2010/03/16 2011/09/09
		Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies  * Université de Metz (University of Lorraine)	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering	2013/06/27 2010/03/16 2011/09/09 2002/12/05
		Synchrotron SOLEIL      * Telecom Paris Tech     * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies     * Université de Metz (University of Lorraine)     University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research	2013/06/27 2010/03/16 2011/09/09 2002/12/05 1999/11/25
		Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies  * Université de Metz (University of Lorraine) University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory University of Nantes, Institute of Materials Jean Rouxel	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research Institute of Multidisciplinary Research for Advanced Materials	2013/06/27 2010/03/16 2011/09/09 2002/12/05 1999/11/25 2014/12/08
		Synchrotron SOLEIL      * Telecom Paris Tech     * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies     * Université de Metz (University of Lorraine)     University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research Institute of Multidisciplinary Research for Advanced Materials	2013/06/27 2010/03/16 2011/09/09 2002/12/05 1999/11/25 2014/12/08
		Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies  * Université de Metz (University of Lorraine) University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory University of Nantes, Institute of Materials Jean Rouxel	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research Institute of Multidisciplinary Research for Advanced Materials	2013/06/27 2010/03/16 2011/09/09 2002/12/05 1999/11/25 2014/12/08
	Germany (27)	Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies  * Université de Metz (University of Lorraine) University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory University of Nantes, Institute of Materials Jean Rouxel  * University of Technology of Troyes  * Versailles Saint-Quentin-en-Yvelines University	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering	2013/06/27 2010/03/16 2011/09/09 2002/12/09 1999/11/25 2014/12/08 2008/06/13 2011/05/26
	Germany (27)	Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies  * Université de Metz (University of Lorraine)  University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory  University of Nantes, Institute of Materials Jean Rouxel  * University of Technology of Troyes  * Versailles Saint-Quentin-en-Yvelines University  * Eindhoven University of Technology  Fraunhofer Institute for Algorithms and Scientific Computing SCAI, Institute for	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering Graduate School of Information Sciences Advanced Institute for Materials	2013/06/27 2010/03/16 2011/09/09 2002/12/09 1999/11/25 2014/12/08 2008/06/13 2011/05/26 2016/03/11
	Germany (27)	Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies  * Université de Metz (University of Lorraine)  University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory  University of Nantes, Institute of Materials Jean Rouxel  * University of Technology of Troyes  * Versailles Saint-Quentin-en-Yvelines University  * Eindhoven University of Technology  Fraunhofer Institute for Algorithms and Scientific Computing SCAI, Institute for Mechanics of Materials IWM	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering Graduate School of Information Sciences Advanced Institute for Materials Research	2013/06/27 2010/03/16 2011/09/09 2002/12/05 1999/11/25 2014/12/08 2008/06/13 2011/05/26 2016/03/11 2013/08/06
	Germany (27)	Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies  * Université de Metz (University of Lorraine)  University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory  University of Nantes, Institute of Materials Jean Rouxel  * University of Technology of Troyes  * Versailles Saint-Quentin-en-Yvelines University  * Eindhoven University of Technology  Fraunhofer Institute for Algorithms and Scientific Computing SCAI, Institute for Mechanics of Materials IWM  * Fraunhofer Institute for Nondestructive Testing	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering Graduate School of Information Sciences Advanced Institute for Materials Research Institute of Fluid Science	2013/06/27 2010/03/16 2011/09/09 2002/12/05 1999/11/25 2014/12/08 2008/06/13 2011/05/26 2016/03/11 2013/08/06 2012/09/26
	Germany (27)	Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies  * Université de Metz (University of Lorraine)  University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory  University of Nantes, Institute of Materials Jean Rouxel  * University of Technology of Troyes  * Versailles Saint-Quentin-en-Yvelines University  * Eindhoven University of Technology  Fraunhofer Institute for Algorithms and Scientific Computing SCAI, Institute for Mechanics of Materials IWM  * Fraunhofer Institute for Nondestructive Testing  Fraunhofer Institute for Nondestructive Testing  Fraunhofer Institute for Electronic Nano Systems (ENAS)	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering Graduate School / School of Engineering Graduate School of Information Sciences Advanced Institute for Materials Research Institute of Fluid Science Advanced Institute for Material Research	2011/09/09 2002/12/05 1999/11/25 2014/12/08 2008/06/13 2011/05/26
	Germany (27)	Synchrotron SOLEIL  * Telecom Paris Tech  * Université Claude Bernard Lyon 1, Faculté des Sciences et Technologies  * Université de Metz (University of Lorraine)  University Claude Bernard-Lyon I, Physical Chemistry of Luminescent Materials Laboratory  University of Nantes, Institute of Materials Jean Rouxel  * University of Technology of Troyes  * Versailles Saint-Quentin-en-Yvelines University  * Eindhoven University of Technology  Fraunhofer Institute for Algorithms and Scientific Computing SCAI, Institute for Mechanics of Materials IWM  * Fraunhofer Institute for Nondestructive Testing	Communication Institute of Multidisciplinary Research for Advanced Materials Graduate School of Information Sciences Graduate School / Faculty of Science Graduate School / School of Engineering Institute for Materials Research Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering Graduate School of Information Sciences Advanced Institute for Materials Research Institute of Fluid Science	2013/06/27 2010/03/16 2011/09/09 2002/12/05 1999/11/25 2014/12/08 2008/06/13 2011/05/26 2016/03/11 2013/08/06

(as of May 2016)

ea	Country / Region	Institution	Department	Year
	Germany (27)	German Aerospace Center	International Research Institute of	2012/07/1
		IHP-Innovations for High Performance Microelectronics	Disaster Science  Research Institute of Electrical	2001/01/2
		Institute for Crystal Growth	Communication Institute of Multidisciplinary Research for Advanced Materials	2006/10/17
		* Karlsruhe Institute of Technology		2009/10/2
		Karlsruhe Institute of Technology, Institute for Microstructure Technology (IMT), Forschungszentrum Karlsruhe GmbH	Institute for Materials Research	2008/03/2
		* Mainz University, Faculty of Physics, Mathematics, and Computer Science	Graduate School / Faculty of Science	2012/05/0
		Max Planck Institute for Nuclear Physics	Institute of Multidisciplinary Research for Advanced Materials	2009/12/2
		Max Planck Institute of Metals Research	Institute for Materials Research	1997/04/2
		RWTH Aachen, Faculty of Mechanical Engineering, Faculty of Mining, Metallurgy and Geosciences	Graduate School / School of Engineering	1992/12/1
		* Technical University Hamburg-Harburg	Graduate School / School of Engineering	1997/05/1
		* University of Bayreuth	Graduate School / Faculty of Science	2016/02/0
		* University of Bonn, Faculty of Arts	Graduate School of Economics and Management / Faculty of Economics	2013/06/2
		* University of Erlangen-Nuremberg, Faculty of Engineering Sciences	Graduate School / School of Engineering	2004/10/0
		* University of Freiburg, Institute of Microsystem Tecnology	Graduate School / School of Engineering	1999/06/08
		University of Göttingen, Faculty of Law	Graduate School / School of Law	2000/11/27
		University of Göttingen, Institute for Materials Physics University of Heidelberg, Faculty of Law	Institute for Materials Research Graduate School / School of Law	1996/12/0
		University of Paderborn, Faculty of Business Administration and Economics	Graduate School of Economics and	2003/09/16
		University of Paderborn, Faculty of Business Administration and Economics     University of Regensburg, Department of Physics	Management / Faculty of Economics  Graduate School / School of Engineering	2009/09/22
		University of Neugarisating, Department of Figure      University of Stuttgart, Faculty of Energy Technology, Process Engineering and Biological 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	2004/02/10
	Hungary (4)	Hungarian Academy of Sciences, Research Institute for Technical Physics and Materials Science		1999/04/26
		Semmelweis University, Faculty of Medicine     Szent István University, Faculty of Agricultural and Environmental Science	Institute of Fluid Science Graduate School of Agricultural Science /	2014/09/04
		University of Miskolc, Faculty of Materials Science and Engineering	Faculty of Agriculture Institute of Multidisciplinary Research for	2014/06/1
			Advanced Materials	
	Iceland (1)	* Reykjavik University, School of Computer Science	Graduate School of Information Sciences	
	Italy (21)	Alma Mater Studiorum Universita' di Bologna, Department of Education Studies "Giovanni Maria Bertin"  Elettra Singreterge Trieste S.C.p.A.	Letters	2015/04/20
		Elettra-Sincrotorone Trieste S.C.p.A.	Institute of Multidisciplinary Research for Advanced Materials	
		Scuola Normale Superiore, Centro di Ricerca Matematica Ennio De Giorgi     Università Ca'Foscari Venezia, Dipartimento di Studi sull'Asia e sull'Africa	Graduate School / Faculty of Arts and	2013/06/2
		Mediterranea	Letters	2014/00/0
		* University of Ferrara	Graduate School / Faculty of Science	2012/06/2
		University of Ferrara, Faculty of Mathematical, Physical and Natural Sciences	Cyclotron and Radioisotope Center	2011/02/15
		* University of L'Aquila, Department of Experimental Medicine	Graduate School of Agricultural Science / Faculty of Agriculture	2004/02/0
		University of Milan, Faculty of Law	Graduate School / School of Law	2003/06/1
		University of Milan, Faculty of Parmacy	Graduate School / Faculty of Pharmaceutical Sciences	2003/07/16
		* University of Modena and Reggio Emilia, Department of Mathematics, Physics and Computer Sciences		
		* 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 Pisa, Department of Physics	Institute for Materials Research	1999/08/3
		University of Rome "La Sapienza", Faculty of Architecture     University of Rome "La Sapienza", Faculty of Information Engineering,	Graduate School / School of Engineering Graduate School / School of Engineering	2012/04/0
		* University of Rome "La Sapienza", Faculty of Information Engineering,	0 0	
		Informatics and Statistics  * University of Rome "La Sapienza", Faculty of Literature and Philosophy	Graduate School / Faculty of Arts and	2010/03/1
		* University of Rome "La Sapienza", Faculty of Oriental Studies	Letters Graduate School / Faculty of Arts and	2008/02/2
		* University of Siena, Faculty of Mathematical, Physical and Natural Sciences	Letters Graduate School / Faculty of Science	2013/08/0
		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 Probrems	Institute of Fluid Science	2016/04/1
	Kyrgyz Republic (1)	International University of Kyrgyzstan	Graduate School of International Cultural Studies	1998/02/20
	Netherlands (7)	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	2010/03/2
		* 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	
		* Maastricht University, Faculty of Health, Medicine and Life Sciences     * University of Amsterdam, Faculty of Science     * University of Groningen, Faculty of Economics and Business		2014/05/30 2013/07/11 2012/09/20

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

## **Academic Exchange Agreements with Foreign Institutions**

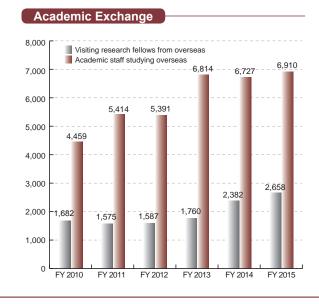
## Department Level Agreements

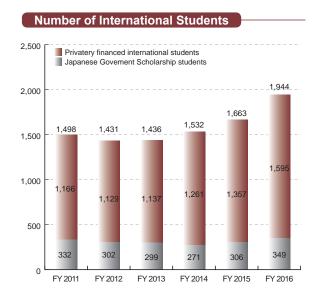
(as of May 2016)

	Country / Region	Institution	Department	Year
	Netherlands (7)	* Wageningen University, Graduate School Wageningen Institute of Animal		2016/01/28
	D. L 1 (0)	Sciences	Advanced Materials	0000/00/04
	Poland (9)		Institute for Materials Research	2002/03/01
			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-Sklodowska 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
		University of Wroclaw, Faculty of Mathematics and Computer Science	Graduate School of Information Sciences	2009/09/21
			Graduate School / School of Engineering	2013/02/27
		Wroclaw University of Technology     Wroclaw University of Technology	Institute of Fluid Science	2013/02/27
	Romania (1)	National Institute for Lasers, Plasma and Radiation Physics	Institute of Multidisciplinary Research for	
		•	Advanced Materials	
	Russia (16)	* Bauman Moscow State Technical University, Institute of Radio Electronics and Laser Technology / Research and Educational Center "Photonics and Infrared Technology"		2014/06/26
		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
		* Immanuel Kant Baltic Federal University, Institute of Physics & Technology	Frontier Research Institute for	2015/01/30
		3)	Interdisciplinary Sciences	
		Lomonosov Moscow State University, Chemistry Department / Russian Academy of Sciences, Vernadsky Institute of Geochemistry and Analytical Chemistry		2013/09/02
		(GEOKHI)  * Lomonosov Moscow State University, Faculty of Psychology	Graduate School / Faculty of Arts and	2013/10/09
		, , , ,	Letters	
		* Nizhny Novgorod State Agricultural Academy	Graduate School of Agricultural Science / Faculty of Agriculture	2015/04/21
		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	1993/10/01
			Advanced Materials	
		Russian Academy of Science, Institute of Theoretical and Applied Mechanics	Institute of Fluid Science	1990/01/01
		Russian Academy of Sciences, P.N.Lebedev Physical Institute	Institute of Multidisciplinary Research for Advanced Materials	2000/07/21
		Siberian Branch of the Russian Academy of Sciences, The Institute for Humanities Research and Indigenous Studies of the North		2009/09/30
		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
		Smolensk State Medical Academy	Institute of Development, Aging and Cancer	2003/07/18
		Tomsk Polytechnic University, Research Institute of Nuclear Physics	Institute of Multidisciplinary Research for Advanced Materials	1997/12/01
	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 (4)	Unviersidad de Alicante, Materials Institute	Institute of Multidisciplinary Research for Advanced Materials	2014/02/21
		Universidad Autónoma de Madrid, Chemistry Department	Institute of Multidisciplinary Research for Advanced Materials	2013/06/26
			Research Institute of Electrical	0011100105
		University of Vigo	Communication	2011/02/25
		University of Vigo University of Vigo, Faculty of Science	Communication  Graduate School of Agricultural Science /	
	Sundan (A)	University of Vigo, Faculty of Science	Graduate School of Agricultural Science / Faculty of Agriculture	1996/11/26
	Sweden (4)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and	1996/11/26
	Sweden (4)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering	1996/11/26 1990/05/22
	Sweden (4)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering	1996/11/26 1990/05/22 2015/05/07
	Sweden (4)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters	1996/11/26 1990/05/22 2015/05/07 1998/04/02
	Sweden (4)  Switzerland (1) UK (12)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for	1996/11/26 1990/05/22 2015/05/07 1998/04/02
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / Faculty of Science	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine  Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences  King's College London, Dental Institute  Science and Technology Facilities Council, Daresbury Laboratory	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / Faculty of Science Graduate School / School of Dentistry Institute of Multidisciplinary Research for	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2006/08/01
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine  Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences  King's College London, Dental Institute  Science and Technology Facilities Council, Daresbury Laboratory  University College London, Faculty of Mathematical and Physical Sciences	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / Faculty of Science Graduate School / School of Dentistry Institute of Multidisciplinary Research for Advanced Materials Advanced Institute for Materials	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2006/08/01 2008/02/28
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences King's College London, Dental Institute Science and Technology Facilities Council, Daresbury Laboratory  University College London, Faculty of Mathematical and Physical Sciences (MAPS)  University of Cambridge, The Department of Materials Science and Metallurgy (MSM)  University of Cambridge, Department of Chemistry	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering Graduate School / Faculty of Science  Graduate School / School of Dentistry Institute of Multidisciplinary Research for Advanced Institute for Materials Research Advanced Institute for Materials	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2006/08/01 2008/02/28
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences King's College London, Dental Institute Science and Technology Facilities Council, Daresbury Laboratory  University College London, Faculty of Mathematical and Physical Sciences (MAPS)  University of Cambridge, The Department of Materials Science and Metallurgy (MSM)  University of Cambridge, Department of Chemistry	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering Graduate School / Faculty of Science  Graduate School / School of Dentistry Institute of Multidisciplinary Research for Advanced Materials Advanced Institute for Materials Research Advanced Institute for Materials Research Advanced Institute for Materials	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2006/08/01 2008/02/28 2010/03/15
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Linköping University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine  Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences  King's College London, Dental Institute  Science and Technology Facilities Council, Daresbury Laboratory  University College London, Faculty of Mathematical and Physical Sciences (MAPS)  University of Cambridge, The Department of Materials Science and Metallurgy (MSM)  University of Cambridge, Department of Pure Mathematics and Mathematical	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering Graduate School / Faculty of Science  Graduate School / School of Dentistry Institute of Multidisciplinary Research for Advanced Materials Advanced Institute for Materials Research Advanced Institute for Materials	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2006/08/01 2008/02/28 2010/03/15 2003/06/12
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine  Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences  King's College London, Dental Institute  Science and Technology Facilities Council, Daresbury Laboratory  University College London, Faculty of Mathematical and Physical Sciences (MAPS)  University of Cambridge, The Department of Materials Science and Metallurgy (MSM)  University of Cambridge, Department of Chemistry  University of Cambridge, Department of Pure Mathematics and Mathematical Statistics (DPMMS)	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / School of Engineering Graduate School / Faculty of Science Graduate School / School of Dentistry Institute of Multidisciplinary Research for Advanced Materials Advanced Institute for Materials Research Graduate School of Economics and	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2006/08/01 2008/02/28 2010/03/15 2012/06/27 2013/04/08
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences King's College London, Dental Institute Science and Technology Facilities Council, Daresbury Laboratory  University College London, Faculty of Mathematical and Physical Sciences (MAPS)  University of Cambridge, The Department of Materials Science and Metallurgy (MSM)  University of Cambridge, Department of Chemistry  University of Cambridge, Department of Pure Mathematics and Mathematical Statistics (DPMMS)  University of Leicester, Faculty of Social Sciences  University of London, Institute of Education  * University of Manchester, School of Mechanical, Aerospace and Civil Engineering, Faculty of Engineering and Physical Science	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / Faculty of Science Graduate School / School of Dentistry Institute of Multidisciplinary Research for Advanced Materials Advanced Institute for Materials Research Graduate School / Economics Graduate School of Economics and Management / Faculty of Economics Graduate School / Faculty of Education Graduate School / School of Engineering	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2008/02/28 2010/03/15 2003/06/12 2013/04/08 2001/02/12 1999/04/26 2007/03/26
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine  Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences  King's College London, Dental Institute  Science and Technology Facilities Council, Daresbury Laboratory  University College London, Faculty of Mathematical and Physical Sciences (MAPS)  University of Cambridge, The Department of Materials Science and Metallurgy (MSM)  University of Cambridge, Department of Chemistry  University of Cambridge, Department of Pure Mathematics and Mathematical Statistics (DPMMS)  University of Leicester, Faculty of Social Sciences  University of London, Institute of Education  * University of Manchester, School of Mechanical, Aerospace and Civil Engineering, Faculty of Engineering and Physical Science  University of York, Department of Educational Studies	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / Faculty of Science Graduate School / Faculty of Science Graduate School / School of Dentistry Institute of Multidisciplinary Research for Advanced Materials Advanced Institute for Materials Research Graduate School of Economics and Management / Faculty of Economics Graduate School / Faculty of Education Graduate School / School of Engineering Graduate School / Faculty of Education	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2006/08/01 2008/02/28 2010/03/15 2012/06/27 2013/04/08 2017/02/12 1999/04/26 2007/03/26
	Switzerland (1) UK (12)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine  Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences  King's College London, Dental Institute  Science and Technology Facilities Council, Daresbury Laboratory  University College London, Faculty of Mathematical and Physical Sciences (MAPS)  University of Cambridge, The Department of Materials Science and Metallurgy (MSM)  University of Cambridge, Department of Chemistry  University of Cambridge, Department of Pure Mathematics and Mathematical Statistics (DPMMS)  University of Leicester, Faculty of Social Sciences  University of Manchester, School of Mechanical, Aerospace and Civil Engineering, Faculty of Engineering and Physical Science  University of York, Department of Electronics	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / Faculty of Science  Graduate School / School of Dentistry Institute of Multidisciplinary Research for Advanced Materials Advanced Institute for Materials Research Advanced Institute for Materials Research Advanced Institute for Materials Research Graduate School of Economics Graduate School of Economics and Management / Faculty of Economics Graduate School / Faculty of Education Graduate School / School of Engineering Graduate School / Faculty of Education Institute for Materials Research	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2006/08/01 2008/02/28 2010/03/15 2012/06/27 2013/04/08 2001/02/12 1999/04/26 2007/03/26 2005/02/04 2004/05/18
	Switzerland (1)	University of Vigo, Faculty of Science  * KTH Royal Institute of Technology Linköping University, The Institute for Analytical Sociology  * Linköping University, The Institute of Technology  * Swedish University of Agricultural Sciences, Faculty of Agriculture, Landscape Planning and Horticulture/ Faculty of Veterinary Medicine  Swiss Federal Institute of Technology at Lausanne  * King's College London, University of London, School of Natural and Mathematical Sciences  King's College London, Dental Institute  Science and Technology Facilities Council, Daresbury Laboratory  University College London, Faculty of Mathematical and Physical Sciences (MAPS)  University of Cambridge, The Department of Materials Science and Metallurgy (MSM)  University of Cambridge, Department of Chemistry  University of Cambridge, Department of Pure Mathematics and Mathematical Statistics (DPMMS)  University of Leicester, Faculty of Social Sciences  University of London, Institute of Education  * University of Manchester, School of Mechanical, Aerospace and Civil Engineering, Faculty of Engineering and Physical Science  University of York, Department of Educational Studies	Graduate School of Agricultural Science / Faculty of Agriculture Graduate School / School of Engineering Graduate School / Faculty of Arts and Letters Graduate School / Faculty of Arts and Letters Graduate School / School of Engineering Institute of Multidisciplinary Research for Advanced Materials Graduate School / School of Engineering Graduate School / Faculty of Science Graduate School / Faculty of Science Graduate School / School of Dentistry Institute of Multidisciplinary Research for Advanced Materials Advanced Institute for Materials Research Graduate School of Economics and Management / Faculty of Economics Graduate School / Faculty of Education Graduate School / School of Engineering Graduate School / Faculty of Education	1996/11/26 1990/05/22 2015/05/07 1998/04/02 2002/05/22 1994/07/29 2012/12/01 2006/08/01 2008/02/28 2010/03/15 2012/06/27 2013/04/08 2017/02/12 1999/04/26 2007/03/26

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

## **Statistics on Personnel Exchange**





## Facilities Worldwide

### Overseas Offices

Overseas Office	Established Date
1 Tohoku University China Office	(April 20, 2007)
Tohoku University Russia Office (Japanese Inter-University Russia Office)	(September 11, 2010)
Tohoku University Russia Office Siberia Branch	(September 11, 2010)
4 Tohoku University Thailand Office	(March 14, 2016)



### Liaison Offices

	_			
	Institution (Location)	Country (Starting Date)	Liaison Office	Department / Institute of TU
(5)	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
6	Moscow State University (Faculty of Physics)	Russia (June 21, 2002)	Liaison Office of Tohoku University	Institute of Fluid Science Graduate School of Engineering
7	Syracuse University (L. C. Smith College of Engineering and Computer Science)	USA (November 11, 2003)	IFS Syracuse Office	Institute of Fluid Science
8	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
9	Dalian University of Technology (School of Materials Science and Engineering)	China (October 7, 2005)	IMR*DUT Research Center	Institute for Materials Research
10	Research Institute for Tropical Medicine	Philippines (May 1, 2007)	Research Center for Emerging and Re- emerging Infections 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 Collage 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 Excellent 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

## Academic Exchanges

## Number of Visiting Research Fellows from Overseas

Nullik	ber of visiting Re	Jour	CII I	Ono			OVC	30u	<b>J</b>											
	Division	Arts and Letters	Education	Law	Economics and Management	Science	Medicine	Dentistry	Pharmaceutical Sciences	Engineering	Agricultural Science	International Cultural Studies	Information Sciences	Life Sciences	Environmental Studies	Biomedical Engineering	Educational Informatics Research Division	Institute for Materials Research	Institute of Development, Aging and Cancer	Institute of Fluid Science
Area		SIS			nd N				<u>a</u>		cier	Cult	cier		al Si	ngir	nfor /isio	late	evel	E.
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	Country				age				nce			Str	•		SS	ing	S	Re	nent	nce
	and Region				men				O)			dies						seal	, Ag	
					-							0,						오	ing	
Asia	Bangladesh				1	3	4			2	1		2	1						2
	Cambodia China	34	5	12	3	39	19	36	8	123	8	7	15	4	3	16	1	15	2	44
	India	2				2	1		1	11	1		1		1			2		11
	Indonesia	3	2	3	1	6	1	12		10	26				4	1_				2
	Malaysia Maldives									2					11					1
	Mongolia		2				2			1		2			3					
	Myanmar Nepal					1	1			1										1
	Philippines					1	4			5	3	1								
	Singapore	- 10				8	1				1					1			1	- 10
	South Korea Sri Lanka	12	4	1_	5	12	9	8	5	29	4	2	9	2	1	1_		3	2	<u>43</u>
	Taiwan	5	5	6	3	12	6		1	2	4	1	4		1			14	1	49
	Thailand Vietnam	1_			1_	3	7	7	1_	12 8			2		3					1
Middle	Iran					2	2			4	1	2			3			2	3	1
East	Israel					2									1					
	Oman Saudi Arabia									11										2
	Turkey						1			1						1				
A C 1	Yemen									1										
Africa	Algeria DR Congo						2													
	Egypt					1	4			1				2						
	Ethiopia						1			1										
	Libya Nigeria					1	- 1			- '										1
	Republic of South Africa															4				
Oceania	Tanzania Australia			2	1	3	6	4		4	1		1		2			2		6
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NI. at	New Zealand					1	2								1		1			
North America	Canada USA	5		3	6	27	2 17	2	3	8	5	4	3 12	12	6	1	1	9	4	3 16
South and	Argentine										1									
Central America	Bolivia Brazil					1	1		1	2	1				1					
	Chile					1														
	Colombia									1										
	Cuba  Dominican Republic						1													
	Honduras									1										
	Mexico Nicaragua	1				11		<u>1</u>		4										
	Peru									2		1								
_	Venezuela					1				3		0								
Europe	Austria Belarus							11						2						
	Belgium					1	3		1											
	Bulgaria				1_									1						
	Cyprus Czech Republic					1	2				2	1						3	1	2
	Denmark			1		1												2		
	Estonia Finland			1		3				2										
	France	1			1	7	4		1	7			5	9				2	1	24
	Germany	2		7	2	31	4	3	3	4		3		3	2			6	14	10
	Greece Hungary									2										2
	Iceland														1					
	Ireland						_			- 4			1	2						
	Italy Kazakhstan	2			1	1	5			1			4	3						2
	Kyrgyz Republic	2																		
	Moldova Netherlands			1		1	1	1			3							3		
	Norway					1	- '							15				1		
	Poland																	3	1	
	Portugal Romania										1		1					2		
	Russia	5				4	1			4	5		4		1			12		36
	Serbia				1								1							
	Slovakia Slovenia					1_				1										
	Spain					2				1			2	1				1		1
	Sweden				4	1	4			1	4	1		1	1	4		1		3
	Switzerland UK	2		4	1 2	1	1 6	2		7	<u>4</u> 2	1	3	1	7	1_		1	2	2
	Ukraine																	1		
	Others Total	78	18	41	30	186	121	78	25	270	74	26	71	59	36	26	3	88	32	266
	IOIGI	10	10	41	30	100	141	10	20	210	14	20	/ 1	28	50	20		00	JZ	200

(FY 2015)

Research Institute of Electrical Communication	Institute of Multidisciplinary Research for Advanced Materials	International Reserch Institute of Disaster Science	University Hospital	Center for Northeast Asian Studies	Research Center for Electron Photon Science	Research Center for Neutrino Science	Institute for Excellence in Higher Education	Frontier Research Institute for Interdisciplinary Sciences	The Center for Academic Resources and Archives	Cyclotron and Radioisotope Center	New Industry Creation Hatchery Center (NICHe)	Cyberscience Center	Advanced Institute for Materials Research (AIMR)	Tohoku Forum for Creativity	Tohoku Medical Megabank Organization	Center for Spintronics Integrated Systems	Research Organization of Electrical Communication	Center for Innovative Integrated Electronic Systems	Others	Total 26
21	36	1 4	8	9			13	4	2		6	1	67	2	3				33	603
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3 8	18	1	1	2 6			4				2		3 10	8				1	1 4	21 216
3	1 4 7	6	5				3	1			2		5						1 13 4	7 150 52
	2						3				3		3 4	1					1	52 24 22 6 1
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1	4	2	1 2				2						7	2	1				5 2 1	57 4 11 32
1 49	24	1 5	6	1 2	1		15	1			1 5	1	1 47	5 39	1		1	4	1 16	32 356 3
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7				10			2				1	1	3						8	6 104 2
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5		2									2	4	1 3	1 1 2					2	19 22 24
14	8 7 8			1		1	4	1				1		9						82 10 8
177	193	47	26	38	5	2	70	11	2	4	41	30	229	106	7	1	1	6	134	2658

## Academic Exchanges

## Number of Academic Studies Overseas

Bangladesh	7	41 1	5 3
China	7	1	20 25 5 3
Indonesia	7		
Malaysia	7	1	1
Myanmar   Nepal			3
Philippines			
South Korea			1
Sri Lanka		1 1 1	
Thailand   S	15	2 16	
Middle   East		8 1	
South and   Cantar   C	1	0	
Oman		2	1
Turkey	1		
Africa   Cameroon   1	4		
Egypt		2 2	1
Kenya			
Sierra Leone   1			
Tanzania   Uganda		2	
Oceania         Australia         3         2         5         10         7         8         2         14         4         5         1         1           Tonga         1         8         1         3         3         3         3         3         3         3         3         3         3         4		2	
Tonga	6	6 18	2 8
America         USA         18         4         20         24         179         145         21         39         220         34         11         74         25         44         16         3           South and Central         Bahamas         Bahamas         2         1         2         1			
Central Bahamas		1 6 25 62	
			1
America   Brazil   3 2 3 1   Chile   1 1   1	1		3 1
Colombia Cuba 1			
Ecuador Guatemala 1			
Mexico 1 1	3		1
Nicaragua 1 Peru 5 Europe Austria 4 1 1 8 5 7 1 3 1 1 2 1		0 0	
Azerbaijan 1		3 3	1 1
Belarus           Belgium         1         1         6         2         2         7         1	6	1 4	2
Bulgaria 1 1 Croatia 1 1			2
Czech Republic         1         14         2         7         4         2         2           Denmark         1         1         4         3         1		4 1	2 4 1 2
Estonia 1 8	2 2		
France 12 11 5 39 10 1 3 43 6 5 12 5 3 8  Germany 20 4 2 18 63 11 5 7 41 3 5 17 4 4 9		1 64 4 10	
Greece         2         1         2         2         2           Hungary         1         1         2         2         4	1	5	1
Iceland 1			
Ireland         1         3         2           Italy         28         6         8         21         8         2         25         4         6         4         1         1         5         2	1	5 5	4 15
Kazakhstan 1 Malta		1	
Montenegro         2           Netherlands         5         1         8         10         13         15         9         4	12	1 1	
Norway         3         2         2           Poland         1         2         1         5         4         1	8	1	6
Portugal         12         1         1         2         2         2         1         2           Romania         1         1         1         1         1         1	1 4		2
Russia 3 7 1 7 7 Slovakia 3 2 2		1 12	
Slovenia 1		1 5	1
Sweden 1 1 11 4 6 1 23 1 2 2 1	1	1 5	2 1
Switzerland         2         1         7         3         1         7         2         2         2         1         2           UK         16         5         6         7         15         11         5         31         5         6         14         5         3         10		2 6 3 6	
Ukraine Uzbekistan	5	0 0	
Others         0thers         1         1         1         1         1         1         1         1         1         1         1         1         1         1         2         2         2         2         622         387         137         96         872         184         122         321         73         133         86         7           Total         1<	5	3 6	3

(FY 2015)

International Reserch Institute of Disaster Science	University Hospital	Center for Northeast Asian Studies	Research Center for Electron Photon Science	Research Center for Neutrino Science	Institute for Excellence in Higher Education	Frontier Research Institute for Interdisciplinary Sciences	The Center for Academic Resources and Archives	Center for Information Technology in Education	Cyclotron and Radioisotope Center	New Industry Creation Hatchery Center	Cyberscience Center	Office of Research Promotion	Environment Conservation Research Institute	Center for Environmental Conservation and Research Safety	Campus Design Office	The Office of Japan-Russia Relations	Advanced Institute for Materials Research	Tohoku Forum for Creativity	Tohoku Medical Megabank Organization	Micro System Integration Center	Center for Spinronics Integrated Systems	Research Organization of Electrical Communication	Center for Innovative Integrated Electronic Systems	Others	Total
9	14	9	4		1 38	6	2		2	18	1	2					43			7			2	15	17
20	5	2			9 3 1	2				14														3	814 74 139 4
1		3			11						2													5	54 26
25 28	1				6																				54 26 6 33 94 118
3 13	5 20	1 10	1		30	2 5	4		1 3	7	1	2	1				3 7		1		1		1	1 2	118 397 5
2 7 26	3		4		3 22	4				5	4 2	15					5	1	6	2			4	14	249
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2 63	13 133	11	2	14	24 54	2 39	3		4	3 47	1 14			3			3	1	4 27	7	3	1	22	1 15	1 172
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2						1																			1789 5 1 18 8 4 2 2 1 9 1 5 56
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4	2	1																							1 8 60
	6																2								26 2
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5	1 6		2		3					1	2		1				2		2				1	4	10 186
		1								·														-	2
6	6					1						2					3	2	2						102 14
2	7					3				1	2						3			1	1		1		43 40
		13		2	5					1	1					9	6							26	10 141 10
3	4				7	2			1	4	1						7		1					2	4 171
9 26					1 11	1 2 10				3	2	1					5 25		28					1 7	73 76 305
1	,0	2				10					_														4
311	292	78	17	21	279	107	22	2	13	147	47	24	2	6	3	9	246	17	85	24	5	1	31	167	6910

(as of May 1, 2016)

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

				Funding St	atus								St	udent	Leve	els				
		Japa	nese						Un		aduat		Resea	rch Stu				Oth	ners	
		Govern Schola	nment rships	Priv	ate Me	eans			Undergraduates	Ma	Do	Q 4	Undergraduate Schools	Gra	Reg	Intensive Japanese Language Program	œβ	ତି ଜୁ	Stu	Sp
Area	Country and							Total	grac	Master's Program	Doctoral Program	Doctoral Program (4-year course)	der	Graduate Schools	Research Institutes	ive , age	Special Auditors (Undergraduates)	Special Auditors (Graduates)	Special Research Students	Special Students
Alea	Region	Male	Female	Foreign	,			<u>a</u>	duat	r's F	<u>ai</u> F	ir cc	grac Is	ate	라	Japa	rgra	uate	al R	St
			<del>O</del>	Foreign	ent	Othe	rs		es	rog	rog	rog	duat	Sch	nstit	ane: ogra	adito	s)	eses	ude
				Funds						ram	ram	ram e)	Ō	00	tute	m se	ates	SIC	arch	nts
Asia	Pangladach	18	4	1		5	5	33	2	7	19	3	2	0,			_			
	Bangladesh Cambodia	1	- 4					1	1											
	China India	34 7	17 3		10	451 11	472 2	999 23	56 7	463 3	249 9	<u>32</u>	117 2	11	8	1	42		21	
	Indonesia	37	19		8	40	22	130	24	43		4			1				2	
	Laos Malaysia	1 2	1	23	12	6	5	1 49	28	1 2	14	1		1		1	2			
	Mongolia	1	2		12	4	4	11	1	4	3	1	2							
	Nepal Pakistan	9	2			1	1	<u>8</u> 11	1	2				1		3				
	Philippines	2	5			5	1	17		7	4	1	3			1	1			
	Singapore South Korea	14	1		1	71	23	7 126	42	19	1 45	2	3	3			3 11			
	Sri Lanka	4	1					5	1	1	2						1			
	Taiwan Thailand	13	9		1	24 28	34 16	58 67	20	13 12	12 20	3	1 1	2	2		21 9		5 2	
	Vietnam	10	7		1	19	12	52	4	14	16	4	2	1		1	9		1	
	Afghanistan Iran	1	1			1	5	1 8			7	1				1				
5(1.3%)	Jordan	1						1			1									
	Lebanon Syria	1	1					1		<u>1</u>										
	Turkey	4	1	1		4	2	12		3				1			1			
Africa	Yemen Algeria	2	1			2		<u>1</u> 5			1 2	1			1	1				
	Botswana Burkina Faso	1						1			1					1				
	Cameroon	2						2								2				
	DR Congo Egypt	1 2		1	1	4	1	9			1	1 5				1			3	
	Eritrea	1				-		1				1								
	Ethiopia Ghana	1 2	1			2	1	<u>4</u> 5		3	1					2				
	Kenya	1	2			1	2	6		4						2				
	Mali Morocco	1				2	2	<u>1</u>		3		1_					-		1	
	Mozambique		1			1		2		1						1				
	Nigeria Republic of South Africa	1				2	1	2		2								1		
	Sudan	1						1		1										
	Tanzania Tunisia	1					1	<u>1</u>		1			1							
Oceania	Australia					1	1	2		1							1			
	Fiji New Zealand	2	1					1		1			1							
	Solomon	1						1			1									
	<u>Canada</u> USA	6	2			24	7	39		5	4		1 2		1		24			
South and Central America		1 2	1					1		1						1				
	Bolivia Brazil	5	1	8	1	1		3 15		2						1				
	Chile Colombia	3						3 1			1		2							
	Costa Rica	2						2	1							1				
	Cuba El Salvador	1	1			1	_	2 1		1	1						_			
	Guatemala	1	2					3		2			1							
	Haiti Honduras	2					1	<u>1</u>			2			1		1				
	Mexico	4	1			2		7	1	3		1					1			
	Nicaragua Panama	1						1			1	1								
	Paraguay	1						1	1											
	Peru Venezuela	3	1			1	-	6		1 1						1				
Europe	Armenia	7	2					2			1					1				
	Austria Azerbaijan	1	1			3	1_	<u>5</u>			1					1	1			
	Belgium					2		2											2	
	Bulgaria Czech Republic	1					1	1						1						
	Denmark					1	_	1											1	
	Finland France	1				6 24	9	10 34		8	3 8	1					2		3 15	
	Germany	2				19	15	36		2	7	1					10		16	
	Hungary Italy	2				3	7	2 12		1	2						5	2	2	
	Kyrgyz Republic Latvia		1					1			1									
		2	1					1 2		2	1									
	Lithuania						1	1 4			1						3		1	
	Lithuania Moldova										1						- 3			
	Lithuania	2	2			2	3	8		1	3				1		1		2	
	Lithuania Moldova Netherlands Poland Portugal	2	2					8 1			3				1				2	
	Lithuania Moldova Netherlands Poland Portugal Romania Russia		2			1	9	8 1 1 17		1 3	4		1		1		1		1	
	Lithuania Moldova Netherlands Poland Portugal Romania Russia Slovakia	2				1 1	3	8 1 1 17 17		1			1	4	1		1		1	
	Lithuania Moldova Netherlands Poland Portugal Romania Russia	2				1	9	8 1 1 17		1	4		1	1	1		1			
	Lithuania Moldova Netherlands Poland Portugal Romania Russia Slovakia Spain Sweden Switzerland	1 3				1 1 2	9 1	8 1 1 17 1 2 14		1 3	4 1		1	1	1		1 1 8		1	
	Lithuania Moldova Netherlands Poland Portugal Romania Russia Slovakia Spain Sweden	2				1 1 1 2 10	9	8 1 1 17 1 1 2		1 3	4		1	1	1		1 1 8		1	

## Number of International Students by Discipline

(as of May 1, 2016)

Area	Division  Country and Region	Total	Arts and Letters	Education	Law	Law School	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	Institute for Materials Research	Institute of Development, Aging and Cancer	Institute of Fluid Science	Research Institute of Electrical Communication	Institute of Multidisciplinary Research for Advanced Materials	International Research Institute of Disaster Science	Center for Northeast Asian Studies	Institute for Excellence in Higher Education	Cyclotron and Radioisotope Center	New Industry Creation Hatchery Center	Materials Research (WPI-AIMR) Frontier Research Institute for Interdisciplinary Sciences	Academic Affairs Council WPI Advanced Institute for	
Asia	Bangladesh Cambodia	33 1					2		10	4			5	3	3		3	3	3														
	China India		130	22	25		147	40	48 5				224		66			34	13	30	4	1			1		2	1				6	3
	Indonesia	130	7	1			4		36														1					2				4	1
	Laos Malaysia	1 49					4		2	1		2	33	1		1	1	1										1					
	Mongolia Nepal	11 8		1					3		1		2		2 2	1		3										2					
	Pakistan	11					3			2			3	1	1			1	1									3					
	Philippines Singapore	17 7	1										1	3	3				1													1	
	South Korea Sri Lanka	126 5		3	5		6		16 2		1		59 1	1	2	2		1		1												2	
	Taiwan Thailand	58 67	2		1	-	9		7			1	12 28		4 5			4	1	_					2	-		-				11	<u> </u>
Middle and	Vietnam Afghanistan	52 1					10		9						1			3										1				1	
Near East	Iran	8							3	1			2		1		1																
	Jordan Lebanon	1					1							1																			
	Syria Turkey	1 12							1				1 5	1		2	2																
Africa	Yemen Algeria	1 5								1			1			1		- 1					1					1					
Amoa	Botswana	1											1																				
	Burkina Faso Cameroon	1 2																										1 2					
	DR Congo Egypt	2 9								1 6			1	1					1									1					
	Eritrea Ethiopia	1 4				-		1	2	1		-	1	-						_						-		-					
	Ghana Kenya	5					1				1				3													2					
	Mali	1								1																							
	Morocco Mozambique	4 2					1	1					2															1					
	Nigeria Republic of South Africa	<u>4</u> 2					1		1							1			1														
	Sudan Tanzania	1					1							Н			1																
Oceania	Tunisia Australia	1 2											1																			1	1
	Fiji New Zealand	2											1					1															
Morth	Solomon	1					1							1																			
North America	USA USA	39	3						6				20	5	2	1						1										1	ī
Central and South	Bolivia	1 3							1				1			1												1					
America	Brazil Chile	1 <u>5</u>							3				8 1		1		1	1										1					
	Colombia Costa Rica	1 2							1				1	_														1					
	Cuba El Salvador	2															1	1															
	Guatemala Haiti	3									1	2				1																	
	Honduras	3											2			_												1					
	Mexico Nicaragua	7 1									1		3			1																	
	Panama Paraguay	1					1						1																				
	Peru Venezuela	<u>4</u>				-			1			-	3			1				_					_	-		1					
Europe	Armenia Austria	2 5			1										1													1				3	3
	Azerbaijan	1 2	1										2																				_
	Belgium Bulgaria	1											1																				
	Czech Republic Denmark	1							1			1																					
	Finland France	10 34			1				3	2			5 20			2 4		1	1														
	Germany Hungary	36 2	1		2		3		6			1	13			2	1															4	1
	Italy	12	8										1		1																	1	Ī
	Kyrgyz Republic Latvia	1	1																														
	Lithuania Moldova	2 1														1	1																
	Netherlands Poland	4 8	2				1		1			F	1	F			1			Ε			1					F				1	
	Portugal Romania	1							1				1																				Ĭ
	Russia	17	5							1			2					4														5	5
	Slovakia Spain	1 2							1				2																				
	Sweden Switzerland	14 1					1						2			3	1		1													4	1
	Turkmenistan UK	2					1			1			1	Е								1						1				1	1
-	Uzbekistan	1		20	36		205		174			30	542	70	00	124	24	75	20	24	1		2		2		2					52	
	Total	1,944	199	28	36	_	205	50	174	86	30	30	543	78	99	121	34	75	_28	31	4	3	3		3	_	2	30				52	_

### Sendai City

#### **Profile**

Sendai is one of the traditional cities of Japan, but is also known as a modern city that harmonizes its beautiful nature and urban life. The city was founded in 1600 by Masamune Date, a famous feudal lord, and prospered as the economic and political center of northern Japan. It is one of Japan's 20 major cities and has a population of approximately one million.

Sendai is the largest city in the Tohoku (northeast) region of Japan and is home to many governmental branches. It is well-known by its nickname 'Mori no miyako' (The City of trees) as most of its major streets and avenues are lined with zelkova trees. It has also become known as an 'the City of Academia' since it boasts a large number of universities and colleges relative to its size.

Sendai is proud of its history, arts and culture and enjoys many events such as the annual Sendai Tanabata Festival. It also cherishes its beautiful nature in and around the city such as the picturesque coastline of Matsushima, the mystical volcanic crater of Zao, and the many attractive hot spring resorts.



#### **Access**

#### 1. Flight

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

Destinations	Journey Time
Beijing (via Shanghai)	6hr 55mins.
Shanghai	2hr 50mins.
Seoul	2hr 10mins.
Taipei	3hr 30mins.
Guam	4hr 10mins.
Sapporo	1hr 10mins.
Tokyo-Narita	55mins.

Journey Time	
1hr 15mins.	
1hr 20mins.	
1hr 10mins.	
1hr 25mins.	
1hr 45mins.	
2hr 35mins.	

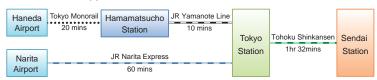


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Tourism Division

2. "Tohoku Shinkansen" (Bullet Train) From Tokyo to Sendai: 1hr 32mins.

3. Airport Access

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





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Tourism Division

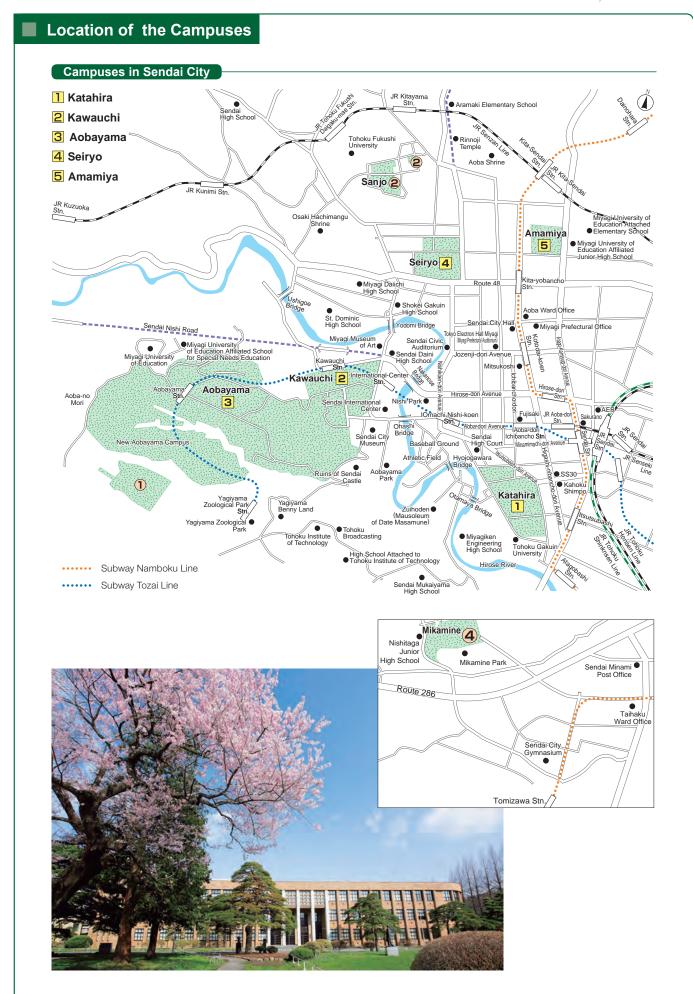




Provided by the Miyagi Prefecture Industry Department,
Tourism Division



Provided by the Miyagi Prefecture Industry Department,
Tourism Division



## ■ Location of the Campuses

## Academic Facilities and Others

Facility	Address	Phone
$\bigcirc$ Jun-ichi Nishizawa Research Center Micro System Integration Center ( $\mu$ SIC)	519-1176 Aoba, Aramaki, Aoba-ku, Sendai 980-0845	+81-22-229-4113
International House Sanjo 1	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935	+81-22-275-9901
2 University House Sanjo	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935	+81-22-274-7305
International House Sanjo 2	10-15 Sanjo-machi, Aoba-ku, Sendai 981-0935	+81-22-718-7850
3 International House Higashi-sendai	6-14-15 Higashi-Sendai, Miyagino-ku, Sendai 983-0833	+81-22-293-5591
Research Center for Electron Photon Science	1-2-1 Mikamine, Taihaku-ku, Sendai 982-0826	+81-22-743-3400
5 Tohoku University Kenko Plaza	6-6-5 Minamiyoshinari, Aoba-ku, Sendai, 989-3204	+81-22-341-2453
Planetary Observatory of PPARC (Onagawa)	15-3-1, Kirigasaki, Kirigasaki, Onagawa-cho, Oshika-gun, Miyagi 986-2204	+81-225-53-3374
Field Science Center (Onagawa)	3-1 Konorihama-mukai, Onagawa-cho, Oshika-gun, Miyagi 986-2242	+81-225-53-2436
Field Science Center (Kawatabi)	232-3 Yomogida, Naruko-onsen, Osaki, Miyagi 989-6711	+81-229-84-7311
Kawatabi Seminar Center	75 Hara, Naruko-onsen, Osaki, Miyagi 989-6711	+81-229-84-7309
Graduate School of Life Sciences, Farm Station	134-2 Uchinoura, Hironaga, Kashimadai-cho, Osaki, Miyagi 989-4104	+81-229-56-2020
Planetary Observatory of PPARC (Zao)	200-1 Nanokahara, Togatta-onsen, Zao-machi, Katta-gun, Miyagi 989-0916	+81-224-34-2743
Research Center for Marine Biology (Asamushi)	9 Sakamoto, Asamushi, Aomori 039-3501	+81-17-752-3388
Botanical Gardens, Mt. Hakkoda	Sukayu developed area, Towada-Hachimantai National Park, Arakawa, Aomori 030-0111	+81-17-738-0621
Akita Branch Observatory of RCPEQVE	1-14-46 Shougunno-minami, Akita 011-0936	+81-18-845-8716
15 Honjo Branch Observatory of RCPEQVE	4 Nishinosumi, Ohyana, Yurihonjo, Akita 015-0091	+81-184-29-2124
(B) Sanriku Seismological Observatory, Graduate School of Science	114 Kodomari, Okirai, Sanriku-cho, Ohfunato, Iwate 022-0101	+81-192-44-2107
Tono Branch Observatory of RCPEQVE	4-120-74 Komagi, Matsuzaki-cho, Tono, Iwate 028-0545	+81-198-62-2800
® International Research Center for Nuclear Materials Science	2145-2 Narita-cho, Oarai, Ibaraki 311-1313	+81-29-267-3181
Trans-Regional Corporation Center for Industrial Materials Research (Osaka)	8th floor, Organization for Industry, Research Organization for University-Community Collaborations, Osaka Prefecture University, 1-1 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531	+81-72-254-6372
Trans-Regional Corporation Center for Industrial Materials Research (Hyogo)	2nd floor, Incuvation center, University of Hyogo, 2167 Syosya, Himeji, Hyogo 671-2280	+81-79-260-7209
20 Planetary Observatory of PPARC (litate)	Maeta, litate-mura, Soma-qun, Fukushima 960-1636	+81-244-42-0530
KamLAND, Research Center for Neutrino Science	408 Kamimachi, Higashi-mozumi, Kamioka-cho, Hida, Gifu 506-1205	+81-578-85-0030
Tohoku University Liaison Office (Tokyo)	10th floor, SapiaTower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo 100-0005	+81-3-3218-9612
23 Tohoku University - Tokyo Site	Nihonbashi Life Science Building, 2-3-11 Nihonbashi-Honcho, Tokyo 103-0023	+81-22-217-6096
Tohoku University International Graduate School of Accounting Policy (IGSAP)	4-6-3 Hirai, Edogawa-ku, Tokyo, Japan 132-0035	+81-3-6869-3195

Notes: RCPEQVE: Research Center for Prediction of Earthquakes and Volcanic Eruptions PPARC: Planetary Plasma and Atmospheric Research Center

## Student Residence and University House, Emergency Dormitory

Facility	Capa	Address	Phone	
Nisshu Ryo (for male)	Capacity: 103 persons	16-3 Midori-cho, Yagiyama, Taihaku-ku, Sendai 982-0832	+81-22-229-1858	
Ibun Ryo (for male)	Capacity: 96 persons	ditto	+81-22-229-5392	
Seifu Ryo (for male)	Capacity: 81 persons	ditto	+81-22-229-4954	
Joshun Ryo (for female)	Capacity: 64 persons	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935	+81-22-272-9857	
Meizen Ryo (for male)	Capacity: 160 persons	6-3-2 Kamisugi, Aoba-ku, Sendai 980-0011	+81-22-234-0134	
Matsukaze Ryo (for male)	Capacity: 150 persons	ditto	+81-22-275-1221	
University House Sanjo (for male, female and international students)	Capacity: 416 persons	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935	+81-22-274-7305	
University House Sanjo II (for male, female and international students)	Capacity: 216 persons	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935	+81-22-718-2021	
University House Katahira (for male, female, international students and researchers)	Capacity: 81 persons	1-14-15 Ichibancho, Aoba-ku, Sendai 980-0811	+81-22-797-9301	
International House Sanjo 1 (for international students and researchers)	Capacity: 254 persons	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935	+81-22-275-9901	
International House Sanjo 2 (for international students)	Capacity: 108 persons	10-15 Sanjo-machi, Aoba-ku, Sendai 981-0935	+81-22-718-7850	
International House Higashi-Sendai (for international students)	Capacity: 70 persons	6-14-15 Higashi-Sendai, Miyagino-ku, Sendai 983-0833	+81-22-293-5591	
Emergency Dormitory Kawauchi (for male, female and international students)	Capacity: 64 persons	41 Kawauchi, Aoba-ku, Sendai 980-8576		
Emergency Dormitory Sanjo (for male, female and international students)	Capacity: 208 persons	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935	(Contact) Student Services Division, Life Support Section +81-22-795-3944	
Emergency Dormitory Kamisugi (for male, female and international students)	Capacity: 32 persons	6-3-2 Kamisugi, Aoba-ku, Sendai 980-0011		
Emergency Dormitory Nagamachi (for male, female and international students)	Capacity: 48 persons	8-6-10 Nagamachi, Taihaku-ku, Sendai 982-0011		

## 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 989-0800
Katahira Gymnasium	2-1-1 Katahira, Aoba-ku, Sendai 980-8577
Katahira (2·5·6) Hall	ditto
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 980-0845
Kawauchi Sub Arena	41 Kawauchi, Aoba-ku, Sendai 980-8576
Kawauchi Extracurricular Activity Shared Facilities (Kawauchi Hall)	ditto
Kawauchi Circle and Club Building	ditto
Kawauchi Extracurricular Activity Shared Facilities A	ditto
Kawauchi Extracurricular Activity Shared Facilities B	ditto
Circle Club Rooms E·F·G	ditto

### **International Houses**

Tohoku University Provides a number of dormitories for international students and researchers for the purpose of promoting international exchange in education and research, such as International House (Sanjo 1, Sanjo 2 and Higashi-Sendai) and University House (Sanjo, Sanjo  $\mathbb I$  and Katahira.).

Accommodations available in the International House are as follows:

### International House Sanjo 1

#### **General Information**

Address: 19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935

Phone: +81-22-275-9901

Residents	Room Type	Floor Area	Number of Rooms
	Single Room	18m <sup>2</sup>	147
Students	Couple Room	46m <sup>°</sup>	44
	Family Room	48m <sup>°</sup>	29
		Subtotal	220
Researchers	Single Room	18m <sup>8</sup>	12
	Couple Room	49m <sup>°</sup>	14
	Family Room	60m <sup>2</sup>	8
		Subtotal	34
		Grand Total	254

### International House Sanjo 2

#### **General Information**

Address: 10-15 Sanjo-machi, Aoba-ku, Sendai 981-0935

Phone: +81-22-718-7850

Residents	Room Type	Floor Area	Number of Rooms
Students	Single Room	16m <sup>2</sup>	93
	Couple Room	32m <sup>2</sup>	12
	Family Room	47m <sup>2</sup>	3
		Total	108

#### International House Higashi-Sendai

### **General Information**

Address: 6-14-15 Higashi-Sendai, Miyagino-ku, Sendai 983-0833

Phone: +81-22-293-5591

Residents	Room Type	Floor Area	Number of Rooms
Students	Single Room 1	9m <sup>®</sup>	45
	Single Room 2	18mi̇̃	18
	Couple Room	36m <sup>2</sup>	7
		Total	70

### University House Sanjo

### **General Information**

Address: 19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935

Phone: +81-22-274-7305

Division	Room Type	Floor Area	Number of Rooms
Manth Dividion	Single Room	10m <sup>2</sup>	80
North Building	Single Room	13m <sup>2</sup>	160
West Building	Single Room	10m <sup>2</sup>	96
East Building	Single Room	10m <sup>2</sup>	80
		Total	416*

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

## University House Sanjo II

### **General Information**

Address: 19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935

Phone: +81-22-718-2021

Division	Room Type	Floor Area	Number of Rooms
North Building	Single Room	12m <sup>2</sup>	64
West Building	Single Room	12m1	72
East Building	Single Room	12m <sup>2</sup>	80
		Total	216*

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

### University House Katahira

#### **General Information**

Address: 1-14-15 Ichibancho, Aoba-ku, Sendai 980-0811

Phone: +81-22-797-9301

Residents	Room Type	Floor Area	Number of Rooms
Students	Single Room	12 m <sup>4</sup>	48
Researchers	Single Room	28 m <sup>2</sup>	21
	Couple Room	44 m	9
	Family Room	56 m <sup>4</sup>	3
		Subtotal	33
·		Grand Total	81

<sup>\*30</sup> rooms for international students, 18 rooms for Japanese students



International House Sanjo 1



International House Sanjo 2



International House Higashi -Sendai



University House Sanjo



University House Sanjo  ${\mathbb I}$ 



University House Katahira

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

### 1 KATAHIRA CAMPUS

(Å)

#### **Administrative Units Research Institutes**



Extended Education & Research Building Administration Bureau Office of the President 26 General Affairs Division, General Affairs and Planning Department 26 Public Relations Division, General Affairs and Planning Department 28 Legal Affairs Division, General Affairs and Planning Department 27 Compliance Division, General Affairs and Planning Department 27 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 International Exchange Division 30
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 (The Open University of Japan) 1 Cooperative Research Project Laboratory 4 Super Computing Center 5
Laboratory of α-Ray Emitters 6
Technical Plant 7, 8 Multi-Use Laboratory 15
International Center of Educational Research 16 Cooperative Research and Development Center for Advanced Materials 13

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

High Field Laboratory for Superconducting Materials 14

GCOE 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 65, 66 Cooperative Research Laboratory 67

Laboratory for Nanoelectronics and Spintronics 59
Laboratory for Brainware Systems 64

Research Center for 21st Century Information Technology 71, 72 Institute of Multidisciplinary Research for Advanced Materials Administration Office 51

East Building 19, 21, West Building 23, 24

to Higashi-ichibancho o 0 16 14 10 50 North Gate Lecture Hall where Lu Xun Studied Main Gate Komegafukuro 口 55 51 54 outh-Gate\_ 76 65 69

West Technical Plant 25

50

South Building **52**, **53**, **54**South Multidisciplinary Research Laboratory **57**, **58** Cooperative Research Building 55

Postem Gate

100 m

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

Infornation Disclosure Room 27

Archaeological Research Office on the Campus 34, 39 Campus Design Office 34 Center for Spintronics Integrated Systems (CSIS) 59 Material Solutions Center 73 Extended Education & Research Building

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 Welfare Facilities (Student Hall) 60

Gymnasium 69
TOKYO ELECTRON House of Creativity 77 Center for Gender Equality Promotion Resilient ICT Research Center 74

## 2 KAWAUCHI CAMPUS

■Land: 817.777m Buildings: 140.373m (as of May 1, 2016)

Kawauchi-Kita Campus: 41 Kawauchi, Aoba-ku, Sendai 980-8576 Kawauchi-Minami Campus: 27-1 Kawauchi, Aoba-ku, Sendai 980-8576 **Humanities and Social Sciences** First Two-Year Undergraduate Education



Administration Bureau

Education and Student Support Department (Education and Student Support Center) Admission 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

Graduate School of Educational Informatics, Education Division / Research Division

Administration Office 25

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

Counseling and Disability Services (Counseling Office) / Counseling Room for Harassment 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 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

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

Facilities A 17
Kawauchi Circle Club Building 18

Kawauchi Extracurricular Activity Shared Facilities (Kawauchi Hall) 3

Tohoku University Centennial Hall (Kawauchi Hagi Hall) 21 Welfare Facilities (cafeteria) 32

**Emergency Dormitory** 





Springtime in Kawauchi Campus

## **Campus Map**

#### 3 AOBAYAMA CAMPUS Science and Engineering to Miyagi University of Education 26 101 18 99 Aobayama Stn. (Aobayama New Campus Construction Area) (North 1 Exit) 35 108 78 Aobayama Stn (South 1 Exit) Administration Bureau 49 50 100 m Information Infrastructure Division, Information Department 29 Center for Career Support 40 Electrical, Information and Physics Engineering Building Graduate School / Faculty of Science No.1 39 Administration Center Electrical Engineering and Applied Physics, Research Science Complex A, B 24 Building No.2 100 Electrical Engineering and Applied Physics, Temporary Research Buildings 33, 51, 53, 54, 55 Science Complex Annex 25 Science Lecture Hall 5 Applied Chemistry / Chemical Engineering / Biomolecular Science Complex C 101 Mathematics Building Engineering, Research Building - Main, Administration Physics Building 2 Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Laboratories for Students 108 Physics Lecture Hall 3 Physics & Chemistry Annex 4 Applied Chemistry / Chemical Engineering / Biomolecular Chemistry Building 8 Earth Science Building 11 Engineering, Complex Building of Experimental Laboratory Building of Civil and Environmental Biology Building 10 Research Laboratories 109 Engineering 49 Applied Chemistry / Chemical Engineering / Biomolecular Engineering Laboratory Complex Building 40 Innovation Plaza 43 High Resolution NMR Systems Building 13 Engineering, Lecture Hall 110 Kawai Hall 6 Applied Chemistry / Chemical Engineering / Biomolecular Research Building No.3-Electrical Engineering and Research and Analytical Center for Giant Molecules 9 Center for Atmospheric and Oceanic Studies Engineering, Lecture Room Building 111 Applied Physics 31 Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Research Building - Annex 112 Applied Chemistry / Chemical Engineering / Biomolecular Laboratory of Architecture and Building Science 27 Planetary Plasma and Atmospheric Research Center 2 Laboratory Building of Architecture and Building Science Research Center for Prediction of Earthquakes and Volcanic Eruptions 68 Engineering, Research Building No.2 113 Fracture and Reliability Research Institute 40 Machine Shop & Glass Laboratory 77 Experimental Laboratory of Division of Advanced Electric Power Research (Fracture and Reliability Research Supercritical Fluid Research Laboratory 114 Materials Education and Research Building, Department Graduate School / Faculty of Pharmaceutical Sciences of Metallurgy, Materials Science and Materials Institute) 72 Administration Office 15 Pharmaceutical Sciences A, B, C, D 15, 16, 17, 18 Processing, Administration Office 103 Research Center of Supercritical Fluid Technology 40 Micro / Nano-Machining Research and Education Center 64 Management Science and Technology 40 Mechanical Engineering Research Building No.1 80 Experimental Station for Medicinal Plant Studies, Materials Collaborative Research Building (Administration Office) 60 Administration Building 19 Materials Evolution Research Building 73 Graduate School / School of Engineering Administration Office (CENTER HALL) 46 Research & Machining Building 79 Mechanical Engineering Research Laboratory I 81 Materials Science and Engineering, Research Building Mechanical Engineering Research Laboratory J 82 Mechanical Engineering Laboratory Building 83 Laboratories for Students - Mechanical and Aerospace Engineering, Nano-Precision Machining Shop 84 Administration Office (Administration Building) 41 Lecture Room Building - Mechanical Engineering, Mechanical Systems and Design / Nanomechanics / Materials Science and Engineering, Lecture Hall 118 Civil Engineering and Architecture 102 Education and Research Base Support Building 19[A1] Experimental Laboratory of Division of Strength and Aerospace Engineering / Bioengineering and Robotics, Administration Office 57 Reliability for Advanced Energy and Environmental

International Research Institute of Disaster Science 105
Innovation Center for Creation of a Resilient Society 106
Laboratory for Rare Metal Research 107
Graduate School of Environmental Studies, Main Building

●Land: 1.577.230m 

Buildings: 348.590m (as of May 1, 2016) 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 Other than those above: 6-3, Aoba, Aramaki, Aoba-ku, Sendai 980-8578 Aobayama Campus CENTER HALL □1.9□ Graduate School of Information Sciences Administration Office 32 Laboratories 31 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, 40, 41, 80, 100 Aobayama Botanical Gardens Gate Kita-Aobayama Library 21 Engineering Library 44
Research Center for Neutrino Science 22 The Tohoku University Museum 23 Museum of Natural History 23
Institute for International Advanced Research and Education 28 Frontier Research Institute for Interdisciplinary Sciences 28 Cyclotron and Radioisotope Center 26 New Industry Creation Hatchery Center (NICHe) 35
Center for Low Temperature Science 1 Cyberscience Center 29 Cyber Science Center 2 104 Environment Conservation Center 67
Center for Innovative Integrated Electronic Systems 98 Energy Center 99 Fluctuation Free Facility for New Information Industry 34 New Industry Creation Hatchery Center, (NICHe) Annex Gymnasium 30 Cafeteria Keyaki Dining 36 Kita-Aobayama Commons 20 Hatchery Square 42 Cafeteria Aoba Dining 46 Aoba Memorial Hall 45 Materials (Fracture and Reliability Research Institute) Radioisotopes 91 Cafeteria Komorebi Café / Convenience Store 65 Laboratory Building of Research Center for Automobile Museum 66 Mechanical Engineering Research Building No.2 86 Remediation Engineering of Living Environments Cafeteria / Bookstore "BOOOK" 47 Research Building - Mechanical and Aerospace Contaminated with Radioisotopes 92 Engineering 87 Integrated Laboratory for Advanced Fusion Reactor **AOBAYAMA NEW CAMPUS** Research Building - Quantum Science and Energy Engineering 93

Fast Neutron Laboratory 94

Nano-Biomedical Engineering Research Laboratory

Nano-Biomedical Engineering Researc Building 97

Subcritical Assembly 95

Engineering 88

Lecture Room Building 89

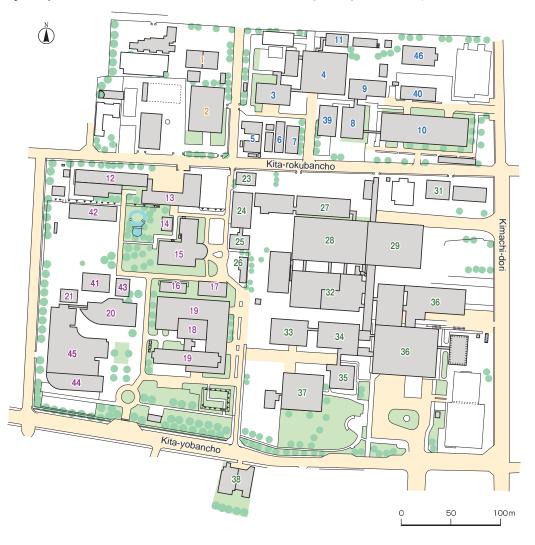
Radioisotope Laboratory 90

Research Building of Research Center for Remediation Engineering of Living Environments Contaminated with

### 4 SEIRYO CAMPUS

## **School of Medicine** School of Dentistry University Hospital

University Hospital: 1-1, Seiryo-machi, Aoba-ku, Sendai 980-8574 School / Graduate School of Medicine: 2-1, Seiryo-machi, Aoba-ku, Sendai 980-8575 School / Graduate School of Dentistry: 4-1, Seiryo-machi, Aoba-ku, Sendai 980-8575 Institute of Development, Aging and Cancer: 4-1, Seiryo-machi, Aoba-ku, Sendai 980-8575 Tohoku Medical Megabank Organization: 2-1, Seiryo-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 12

Health Sciences Building B 13 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 Training Center 21

Institute of Development, Aging and Cancer Administration Office 4

Center for Basic Aging Research 3

Center for Clinical Aging Research 4
International 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

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Office (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 Centar 43

Seiryo Residence 46

Center for Laboratory Animal Research 26

Center for Gene Research 3

Tohoku Medical Megabank Organization Building 45

RI Seiryo Subcenter 25

Seiryo Club House 1

Seiryo Gymnasium 2 Seiryo Hall (Welfare Facilities)

Centennial Hall -Seiryo Auditorium- 15

Gonryo Hall 38



Seiryo Campus

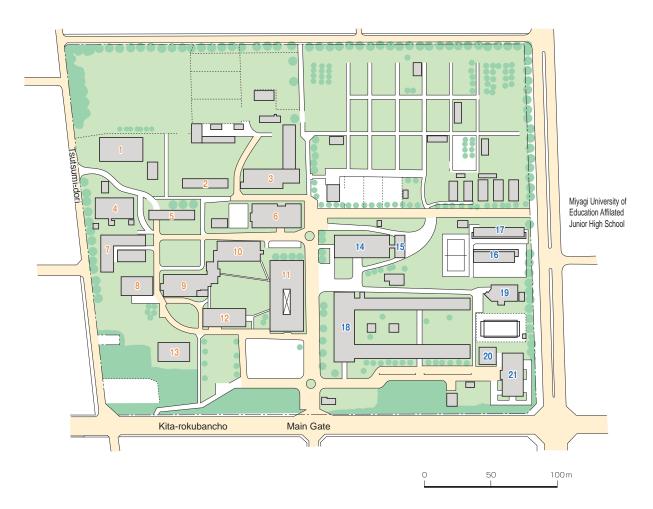
### 5 AMAMIYA CAMPUS

●Land: 92,746㎡ ●Buildings: 30,847㎡ (as of May 1, 2016)

1-1, Amamiya-machi, Tsutsumidori, Aoba-ku, Sendai 981-8555

### Graduate School of Agricultural Science / Faculty of Agriculture





Graduate School of Agricultural Science
Administration Office (Administration Building) 12
Research House named "Honkan" 18
Research House named "Daiichi-kenkyutou" 9
Research House named "Daiichi-kenkyutou" 10
Research House named "Kenkyu Jikkentou 1" 16
Research House named "Kenkyu Jikkentou 2" 17
Research House named "Kenkyu Jikkentou 3" 5

Research House named "Kenkyu Jikkentou 4" 2
Research House named "Kenkyu Jikkentou 4" 21
Building for Animal Breeding and Experiments 3
Food Processing Laboratory 4

Laboratory and Breeding House of Aquatic Life 7
Laboratory of Plant Environmental Responses 20

Agricultural Library 6

Lecture House 11
Lecture Hall 1
Radioisotope Laboratory 19
Power Center 8
Office Storeroom 13
Welfare Facilities 14
Student Lounge 15



Amamiya Campus Main Gate

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