

# Tohoku University Fact Book 2011

東北大学概要 2011



TOHOKU  
UNIVERSITY

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## Historical Background

Tohoku University was founded in 1907 as the third Imperial University of Japan, following Tokyo Imperial University and Kyoto Imperial University. From its start, it displayed to the world an unswerving commitment to an "Open Door" policy. Departing from the norms of other imperial universities, it accepted graduates from technical schools and higher normal schools, and despite opposition from the government at that time, became Japan's First University to admit female students in 1913 (admitting three in that year).

At the time of its founding, Tohoku University was able to attract a group of young and brilliant researchers who had trained around the world to serve on its faculty. For this reason, a "Research First" principle was established, calling upon 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 nurtured a tradition of "Practice Oriented Research and Education," in which the results of cutting edge research are being put to use for the good of society and the improvement of living standards. Evidence of our pioneering practice (before the Second World War) includes the establishment of local venture businesses which have contributed to regional industry, and our status as the nation's center for research on family law; the domestic branch of law which is closely associated with our daily lives.

This spirit, which continued strongly through World War II and the rapid economic growth of the postwar period, remains alive and can be seen in today's new era of advanced globalization.

December 27, 2005

## Mission Statement

Tohoku University has been committed to the “Research First” principle and “Open Door” policy since its foundation, and is internationally recognized for its outstanding standards in education and research. The university contributes to world peace and equity by devoting itself to research useful in solving societal problems, and educating human resources in leadership skills.

## Towards Tohoku University 2016

In order to fulfill this mission, Tohoku University will carry out the following objectives within the next 10 years.

### Establish ourselves as an internationally recognized university and research center

- Consistently produce top research in a broad spectrum of fields, including the natural sciences, humanities and social sciences.
- Create cutting edge research institutions and other forums capable of responding to the rapid dissemination of knowledge and a knowledge based society.
- Establish our presence and reputation as an international locus in general research while maintaining close links with major national and international research networks.

### Nurture human resources capable of leadership that contributes to knowledge and the advancement of society

- The faculty’s cutting edge research will be reflected in their teaching.
- Content and pedagogy of all courses will be that of a top level educational institution.
- Establish an educational foundation which enables students to explore new avenues of human knowledge and to become aware of the responsibilities of leadership.
- Develop educational programs and institutions that foster outstanding, internationally minded specialists with theoretical and practical knowledge.

### Contributions to the community and to the world

- Contribute to the development of community and humanity by making available to the world the benefits of research and human resources with exceptional leadership abilities.
- Provide equal opportunity to all capable, highly motivated students and faculty, regardless of nationality, race or religion, age or gender, or any other social standing.
- In keeping with our tradition of practice oriented research and education, create a science park by further promoting university industry collaboration.
- Dramatically increase the quality and availability of public education, and the provision of consultative services requiring specialized knowledge.
- Open the campus to the general public and consider ways in which the university’s intellectual and material resources, such as the libraries and academic materials and facilities can be beneficially utilized.

### Establish a culture, environment and management system appropriate for an internationally renowned research and education institution

- Maintain and further develop a university culture that will stimulate the creation of world class research and education.
- Create an atmosphere conducive to intellectual activities by bringing aesthetic unity to the campuses and their natural surroundings.
- Establish a human, material and financial base in a management system which allows a world class research and educational institution to develop rapidly and flexibly.

~ Our Path Toward Becoming a World-Class University ~

Since its foundation in 1907, Tohoku University has held to a tradition of putting “*Research First*”, while maintaining an “*Open Door*” policy in order to emphasize “*Practice-Oriented Research and Education*”. The results of our research have proven useful in solving many problems facing society, and by educating leaders we have contributed to establishing a just and peaceful society. Our university history has been built through the efforts and accomplishments of those who have passed through the halls of our campuses and facilities during our ten decades of operation.



We live in a time when serious problems that are increasingly difficult to predict arise one after another and threaten human life and dignity. We are faced with various complex and difficult challenges, such as climate change accompanied by global warming, continuing environmental destruction, and problems with medical care, energy, food supplies, and poverty. When examining the tragic reality of the current disaster caused by the earthquake on March 11, 2011, we cannot abdicate responsibility as specialists by saying that it “exceeded expectations”, but rather we have to realize that this is a responsibility with regards to human society that we must shoulder in order to resolve the inconsistency.

In order to contribute to the development of human society, we believe it is our mission to play a leading role as a “world-class university” in helping humanity overcome the challenges it faces today by applying the knowledge we have accumulated over the past century, and by continuing our efforts to achieve innovation in the fields of research and education.

To become a “World-Class University”, Tohoku University announced the “Inoue Plan 2007” (Tohoku University action plan) in March 2007. The Inoue Plan established the specific steps that will be taken to implement a strategic five pillar plan focused on education, research, contribution to society, campus environment and organization / management.

Four years have now passed since the plan was introduced, and during this period the University continues to make steady progress. In the field of education, for example, we are moving forward with the development of our international-standard proprietary liberal arts curriculum, including the expansion of the overseas internship program, while an implementation system for that curriculum is also being put in place. Having been selected to participate in the Project for Establishing Core Universities for Internationalization (Global 30), we are now promoting initiatives for the internationalization of education including the development and implementation of our “Future Global Leadership” educational programs offered in English, and our plan to more than double the number of international students studying at Tohoku University, from 1300 to 3000.

In the area of research, we have established the Institute for International Advanced Research and Education, which is designed to provide future generations of researchers with the advanced knowledge and creative skills they will need to provide scientific leadership in the 21<sup>st</sup> century. In addition, the “WPI Advanced Institute for Material Research (WPI-AIMR)” was also established as part of the World Premier International Research Center Initiative (WPI). In addition to our 12 Global COE (Center of Excellence) Programs, we have had two programs selected for the Funding Program for World-Leading Innovative R&D on Science and Technology, and 31 programs selected for the Funding Program for Next Generation World-Leading Researchers.

In other areas, we are making our presence better known internationally through membership in organizations such as APRU (Association of Pacific Rim Universities), T.I.M.E. (Top Industrial Managers for Europe), and AEARU (Association of East Asian Research Universities), and we are facilitating the creation of new venture businesses by promoting cooperation between the university and the private sector. Steps are being taken to create world-class campuses open to students from around the world. We are pursuing a number of other highly original strategies, such as the development of a modern personnel management system to improve our international competitiveness, being externally evaluated by the European University Association, and the establishment of a Tohoku University Endowment Fund. All of these developments are helping to foster a sense of pride in the uniqueness of our institution, and are indicative of how our teaching

and administrative staff, student body, and alumni have all pulled together to advance the interests of the university. These accomplishments give me a great deal of satisfaction.

2011 – Universities must question their *raison d'être* when faced with the tide of sudden changes on the unprecedented scale that we are facing. Tohoku University has been entrusted by society to contribute to humankind as a source of knowledge. In order to carry this out, it is imperative that we implement independent reform that is clearly visible and continue demonstrating the essence of “Research First”, as well as the perseverance and sincerity that are necessary to continually create a new state of education and research.

I believe that by helping all our stakeholders to understand our mission and the various activities carried out at Tohoku University, and by actively seeking the cooperation of a wide variety of peoples as we continue to boldly face the challenges before us, we will become a university that is trusted, respected, and loved by society, and one which is truly capable of contributing to the sustainable development of humanity.

June 2011

Akihisa Inoue  
President, Tohoku University

### **【The Great East Japan Earthquake and New Challenges for Tohoku University ~ Brand New Tohoku University】**

I would like to express my heartfelt condolences to the victims of the Great East Japan Earthquake, and my deep gratitude for the unfaltering efforts of those providing aid and support to the affected areas. I would also like to express my appreciation for the heartfelt support and speedy assistance received from overseas.

This earthquake in question, with a maximum shaking of level 7 according to observation, was one of the largest recorded in history, and the accompanying tsunami caused enormous damage. However, our campuses proved secure and happily no injuries were sustained. We are closely observing the situation at the nuclear power plant, over 80km away, where there have been leaks of radioactive material. According to measurements taken by the University, radiation levels in Sendai are within the normal range.

Tohoku University is currently putting all its energy in to the restoration of our educational and research capabilities, and started the new academic year on May 6th, 2011.

Faced with an almost unprecedented disaster, we have to seek to implement a paradigm shift to a new human society, based on “Constructing a Safe and Dependable Society”. In addition to contributions from our individual specialists, we established the Institute for Disaster Reconstruction and Regeneration Research as a center of excellence that brings together the world's wisdom. We will strategically and systematically address research, education and societal contribution that leads the reconstruction and revitalization of the region, and transmit and put these results into practice. Finally, we will contribute to the regeneration of the region, Japan and human society by working vigorously to create a safe, secure society for the next generation in which humans can coexist with nature.

## **Tohoku University's Official Symbol, School Colors, Song and Logo**



Aiming to create a clearer identity and enhance its international recognition and status, Tohoku University unveiled its official school symbol, colors and song in June 2007.

With the key concepts of 'creativity', 'globality' and 'tradition' in mind, the university adopted the 'Hagi' (Bush clover) plant, a traditional symbol of Sendai and Miyagino, as its school symbol. The Hagi, which has also been used in the school logo since 2005, represents a dynamic movement spreading throughout the world with dignity.

The colors purple and black were selected as Tohoku University's official colors. Purple, which is used in the school symbol, symbolizes intelligence and creativity, while black represents diligence and the power of practice.

Ever since its foundation in 1907, Tohoku University has been committed to its 'Research first' and 'Open door' policies. It has accepted diverse talent from across the world, and has striven to develop leadership talent and cutting-edge research. On the basis of these traditions, it is hoped that the school symbol will express the essence of Tohoku University's past and future as a world class research and educational institution.

'Aobamoyuru konomichinoku' was selected as the official song of Tohoku University. This beloved song was originally sung by the Tohoku University Students' Association in 1953 and has been passed down the generations since then.

## 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	Nikichi 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	



1st  
Masataro Sawayanagi  
(Education)



2nd  
Tokiyuki Hojo  
(Mathematics)



3rd  
Ryojiro Fukuhara  
(Education)



4th  
Masataka Ogawa  
(Chemistry)



5th  
Nikichi Inoue  
(Chemistry)



6th  
Kotaro Honda  
(Physics)



7th  
Taizo Kumagai  
(Medicine)



8th  
Yasutaro Satake  
(Medicine)



9th  
Satomi Takahashi  
(Philosophy)



10th  
Toshio Kurokawa  
(Medicine)



11th  
Teruji Ishizu  
(Philosophy)



12th  
Koichi Motokawa  
(Medicine)



13th  
Mutsuo Kato  
(Biology)



14th  
Shiro Maeda  
(Engineering)



15th  
Nakao Ishida  
(Medicine)



16th  
Shigemori Ohtani  
(Engineering)



17th  
Jun-ichi Nishizawa  
(Engineering)



18th  
Hiroyuki Abé  
(Engineering)



19th  
Takashi Yoshimoto  
(Medicine)

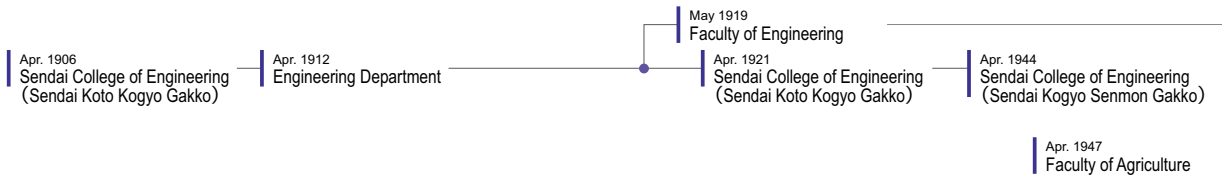
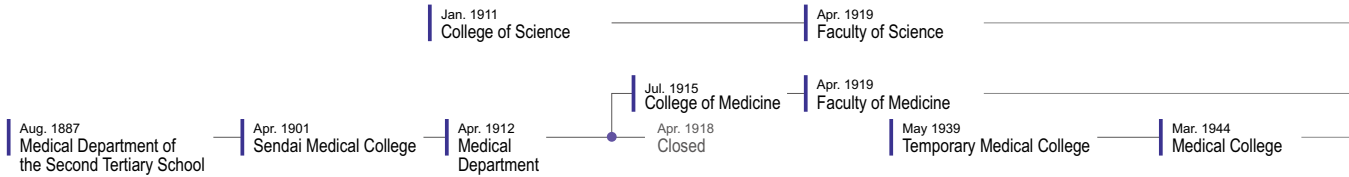
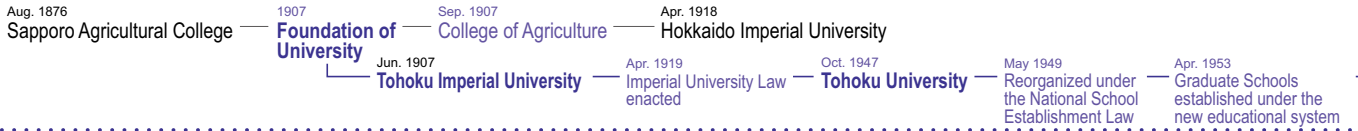
## Japan Academy Members

## 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 and Letters
1950	Yasutaro Satake	School of Medicine
1950	Satomi Takahashi	Faculty of Law and Letters
1950	Masaichi Majima	Faculty 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 and Letters
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 and Letters

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

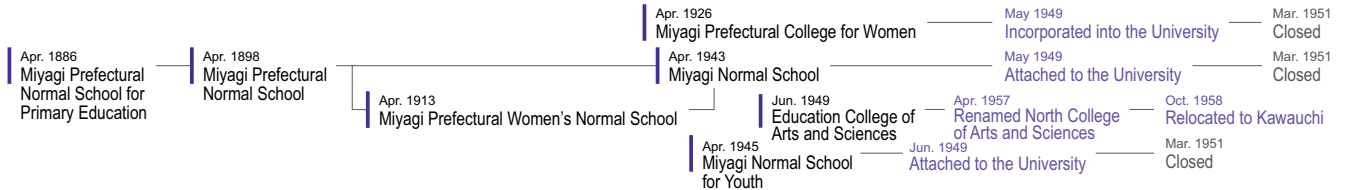
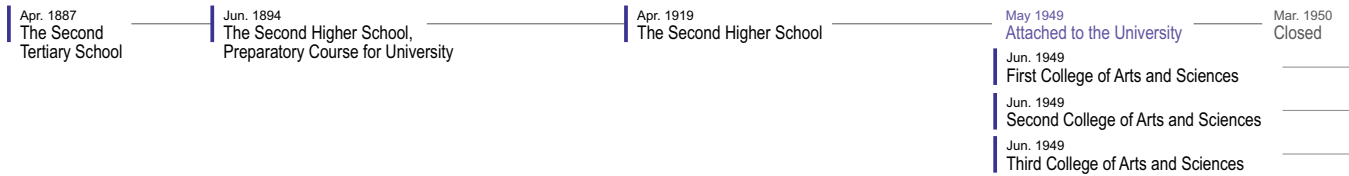
# Chronological Chart of Tohoku University's history



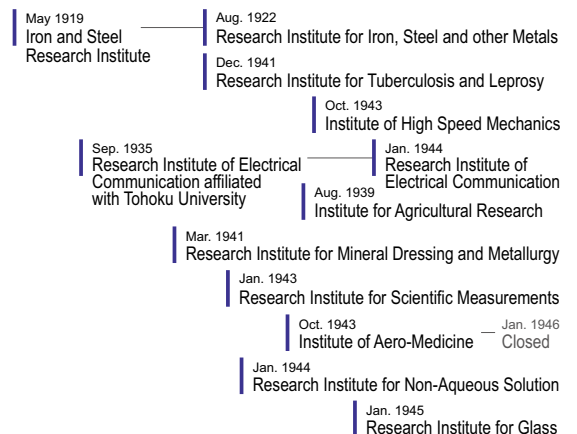
Main Gate in the early Showa period



University Archives (Old Library in the early Showa period)



Katahira Campus







**Nobel Laureate**

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

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

(as of May 2011)

## Japan Academy Prize

Year Awarded	Name	Affiliation
1914 (4th)	Shirota Kusakabe	Faculty of Science
1916 (6th)	Kotaro Honda	Research Institute for Iron, Steel and other Metals
1917 (7th)	Riko Majima	Faculty 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
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)	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
1934 (24th)	Yoshiaki Tadokoro	Faculty of Science
1935 (25th)	Saburo Unno	Faculty of Science
○ 1936 (26th)	Tomizo Yoshida	Faculty of Medicine
△ 1936 (26th)	Toshio Hoshino	Faculty of Science
1940 (30th)	Tario Kikuta	Provisional Institute of Physical and Chemical Research
○ 1941 (31st)	Kinjiro Okabe	Faculty of Engineering
1941 (31st)	Terutaro Ogata	Faculty of Science
1942 (32nd)	Seiji Kaya	Research Institute for Iron, Steel and other Metals
1943 (33rd)	Gyokujo Kihara	Faculty of Medicine
1944 (34th)	Munio Kotake	Faculty of Science
1944 (34th)	Hiroshi Terao	Institute for Agricultural Research
○ 1946 (36th)	Hakaru Masumoto	Research Institute for Iron, Steel and other Metals
1947 (37th)	Masaichi Majima	College of Science
1950 (40th)	Fukusaburo Numachi	Institute of High Speed Mechanics
1951 (41st)	Teizo Ogawa	Faculty of Medicine
1952 (42nd)	Jitsusaburo Sameshima	Faculty of Science
1953 (43rd)	Yensho Kanakura	Faculty of Arts and Letters
1953 (43rd)	Tetsuo Nozoe	Faculty of Science
1953 (43rd)	Masao Naruse	Faculty of Engineering
○ 1953 (43rd)	Tomizo Yoshida	Faculty of Medicine
1954 (44th)	Koichi Motokawa	Faculty of Medicine
1955 (45th)	Yensho Kanakura	Faculty of Arts and Letters
1955 (45th)	Ryujō Yamada	Faculty of Arts and Letters
1955 (45th)	Hakuyu Hadano	Faculty of Arts and Letters
1955 (45th)	Tokan Tada	Faculty of Arts and Letters
1955 (45th)	Shiro Akabori	Faculty of Science
1956 (46th)	Ichiro Hori	Faculty of Arts and Letters
1957 (47th)	Yutaka Orimo	Faculty of Law
○ 1957 (47th)	Hajime Nakamura	Faculty of Arts and Letters
1959 (49th)	Osamu Takata	Faculty of Arts and Letters
○ 1960 (50th)	Osamu Takata	Faculty of Arts and Letters
○ 1960 (50th)	Tsugio Miya	Faculty of Arts and Letters
1960 (50th)	Eizo Kanda	Research Institute for Iron, Steel and other Metals
1961 (51st)	Tomoo Sato	Faculty of Engineering
1961 (51st)	Eikichi Iso	Faculty of Agriculture
1963 (53rd)	Harujiro Sekiguchi	Research Institute for Iron, Steel and other Metals
1967 (57th)	Yunoshin Imai	Research Institute for Iron, Steel and other Metals

\* Continued on page 11.

## Japan Academy Prize

Year Awarded	Name	Affiliation
1968 (58th)	Yoshio Kato	Faculty of Science
1968 (58th)	Makoto Kandatsu	Institute for Agricultural Research
1969 (59th)	Mitsuo Miyata	Faculty of Law
1969 (59th)	Usaburo Mizushima	Faculty of Agriculture
1970 (60th)	Giichi Yamamoto	Faculty of Science
1970 (60th)	Heisuke Hironaka	Faculty of Science
1971 (61st)	Takeo Yokobori	Faculty of Engineering
1972 (62nd)	Kozo Okamoto	Faculty of Medicine
1973 (63rd)	Zenji Nishiyama	Research Institute for Iron, Steel and other Metals
1974 (64th)	Jun-ichi Nishizawa	Research Institute of Electrical Communication
1975 (65th)	Toshio Kitazumi	Faculty of Arts and Letters
1975 (65th)	Yoichi Higuchi	Faculty of Law
1975 (65th)	Hidesato Ito	Institute of High Speed Mechanics
1975 (65th)	Takashi Kubota	Faculty of Science
※ 1977 (67th)	Shinji Takahashi	Faculty of Medicine
1977 (67th)	Kinji Shimada	Faculty of Law and Letters
1977 (67th)	Shun-ichi Akasofu	Faculty of Science
1979 (69th)	Taketoshi Sato	Faculty of Law and Letters
1980 (70th)	Tetsuji Kametani	Faculty of Pharmaceutical Sciences
1981 (71st)	Akira Kinoshita	Faculty of Economics
※ 1982 (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 Iwasaki	Research Institute of Electrical Communication
1987 (77th)	Yoshikatsu Tsuboi	Faculty of Engineering
◎ 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 Iijima	Research Institute for Scientific Measurements
◎ 2002 (92nd)	Yasushi Kurihara	Faculty of Science
2002 (92nd)	Akihisa Inoue	Institute for Materials Research
2002 (92nd)	Kokichi Hinata	Faculty of Agriculture
2003 (93rd)	Hiroshi Okamoto	Graduate School of Medicine
2003 (93rd)	Makoto Endo	School of Medicine
※ 2004 (94th)	Takeshi Yasumoto	Faculty of Agriculture
2005 (95th)	Hideo Ohno	Research Institute of Electrical Communication
2006 (96th)	Atsuto Suzuki	Graduate School of Science
2007 (97th)	Koji Kato	Graduate School of Engineering
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 Ohri	Graduate School of Life Sciences
◎ 2010 (100th)	Moritaka Nishihira	Graduate School of Life Sciences

- 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
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	Deputy President Professor, 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 2010

Name	Affiliation
Satoru Shimizu	Associate Professor, Graduate School of Science
Eimei Sato	Professor, Graduate School of Agricultural Science
Mitsuyuki Nakao	Professor, Graduate School of Information Sciences
Toshiyuki Takagi	Professor, Institute of Fluid Science
Goro Masuya	Professor, Graduate School of Engineering
Masahiro Yamaguchi	Professor, Graduate School of Science
Motoko Kotani	Professor, Graduate School of Science

#### FY 2009

Name	Affiliation
Spanish Language Committee	
Hideki E. Ishida	Professor, Graduate School of Environmental Studies
Ryuzo Furukawa	Associate Professor, Graduate School of Environmental Studies
Maki Suemitsu	Manager, Cultural Affairs of Tohoku University Students' Friendship Association Professor, Research Institute of Electrical Communication
Ryoichi Nagatomi	Manager, P.E. Affairs of Tohoku University Students' Friendship Association Professor, Graduate School of Medicine

#### FY 2008

Name	Affiliation
Akira Sato	Associate Professor, Graduate School of Medicine
Kazuko Suematsu	Associate Professor, Graduate School of Economics and Management

### Recipients of the Presidential Prize for Excellence (FY 2010)

This prize recognizes students for their outstanding academic achievement.

#### Undergraduate

Yuko Igarashi	Faculty of Arts and Letters
Hiromi Sato	Faculty of Arts and Letters
Yuko Shirai	Faculty of Education
Akira Takada	School of Law
Masahito Yone	School of Law
Wenbo Wang	Faculty of Economics
Yumiko Takahashi	Faculty of Economics
Yuta Wakatuki	Faculty of Economics
Ryo Takahashi	Faculty of Science
Yusuke Saitou	Faculty of Science
Takayuki Nakatani	Faculty of Science
Shinya Ogishima	School of Medicine
Akihiro Saito	School of Medicine
Aya Shibamoto	School of Dentistry
Eriko Itai	Faculty of Pharmacy and Pharmaceutical Sciences
Ryota Ifuku	School of Engineering
Nobuo Namura	School of Engineering
Yuhei Ohtomo	School of Engineering
Kanako Shojiki	School of Engineering
Shuko Shimamori	School of Engineering
Masaki Ueda	School of Engineering
Yuusuke Nakajima	School of Engineering
Shinsuke Otawara	Faculty of Agriculture
Shiaki Takagi	Faculty of Agriculture

#### Graduate (Master)

Naomichi Iwata	Graduate School of Engineering
Munehito Kagaya	Graduate School of Engineering
Hiroki Takahashi	Graduate School of Biomedical Engineering

#### Graduate (Profession)

Tomofumi Imai	Graduate School of Law
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#### Graduate (Doctor)

Shihoko Yamamoto	Graduate School of Arts and Letters
Kenji Yokotani	Graduate School of Education
Tomoyasu Yamaguchi	Graduate School of Economics and Management
Toshiyuki Arakane	Graduate School of Science
Kenta Mizuse	Graduate School of Science
Yasutaka Omori	Graduate School of Science
Yasumasa Kuroda	Graduate School of Medicine
Akira Sumiyoshi	Graduate School of Medicine
Yuki Abiko	Graduate School of Dentistry
Shigeki Sato	Graduate School of Pharmaceutical Sciences
Kei Shibata	Graduate School of Engineering
Soichiro Sekine	Graduate School of Engineering
Masaki Endo	Graduate School of Engineering
Takahiro Imai	Graduate School of Engineering
Kenichi Abe	Graduate School of Engineering
Mutsumi Fukuda	Graduate School of Agriculture
Jia Che	Graduate School of International Cultural Studies
Fadlullah Zubair MD.	Graduate School of Information Sciences
Kenichi Kitanishi	Graduate School of Life Sciences
Peilin Zhang	Graduate School of Environmental Studies
Erina Gyoba	Graduate School of Educational Informatics Education Division

( FY=Fiscal Year / Financial Year )

## University Awards

### Recipients of the Sawayanagi Prize

The Sawayanagi Prize is given to individuals or groups that have promoted gender equality in Tohoku University through gender related research and activities.

FY 2010

Name	Affiliation	Category
Yohei Mogi	Ph.D. Student, Graduate School of Law	Research
Hisaku Abe	Staff, Graduate School of Science	Project (Special Award)
Miwa Kuri	Assistant Professor, Graduate School of Science	
Yuko Murakami	Associate Professor, Graduate School of Science	

### Recipients of the Tohoku University's Professor Fujino Award (Lu Xun Award)

This award is given to Chinese individuals or Chinese groups that made a significant contribution to the development of education and research at Tohoku University through academic exchange.

Tohoku University's Professor Fujino Award

Year	Name	Affiliation
FY 2005	Sun Yi	Director, Beijing Lu Xun Museum

Tohoku University Lu Xun Award

Year	Name	Affiliation
FY 2004	Gu Binglin	President, Tsinghua University

### Recipients of the Tohoku University's Professor Fujino Incentive Award (Lu Xun Incentive Award)

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

Tohoku University's Professor Fujino Incentive Award

Year	Name	Affiliation
FY 2010	Wang, Jiang	Graduate school of Economics and Management
	Chen, Guixing	Graduate school of Science
	Hu, Chunyan	Graduate School of Medicine
	Zhang, Zhiyu	Graduate School of Engineering

### Recipients of the Honda Kotaro Memorial Prize

This award is given to individuals or groups from other countries that have made a significant contribution to education and research at Tohoku University through academic exchange.

Honda Kotaro Memorial Prize

Year	Name	Nationality	Affiliation
FY 2006	Patrick Bourgin	France	Director, Ecole Centrale de Lyon
	Fondation Renault		
	Albert Prevos	France	Director, Centre international d'études pédagogiques
	Alain Storck	France	Director, INSA-Lyon
	Léo Vincent	France	Director, International Affairs, Ecole Centrale de Lyon
	Alain Reza Yavari	France	Professor, Institute National Polytechnique de Grenoble

Year	Name	Nationality	Affiliation
FY 2004	John L. Stollery	United Kingdom	Emeritus Professor, Cranfield University
	A. Lindsay Greer	United Kingdom	Professor, University of Cambridge
	Sir Robert Yewdall Jennings	United Kingdom	Former President, International Court of Justice

### Recipients of the Students' Friendship Association Award (FY 2010)

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

Name	Affiliation
Masaki Sawano	Drama
Shogo Ota	Game of Go
Soichiro Mitsumori	Orienteering

Name	Affiliation
Asuka Terada	Kyudo
Takahito Fujimoto	Triathlon
Mikako Kato	Lacrosse

( FY=Fiscal Year / Financial Year )



# Organization

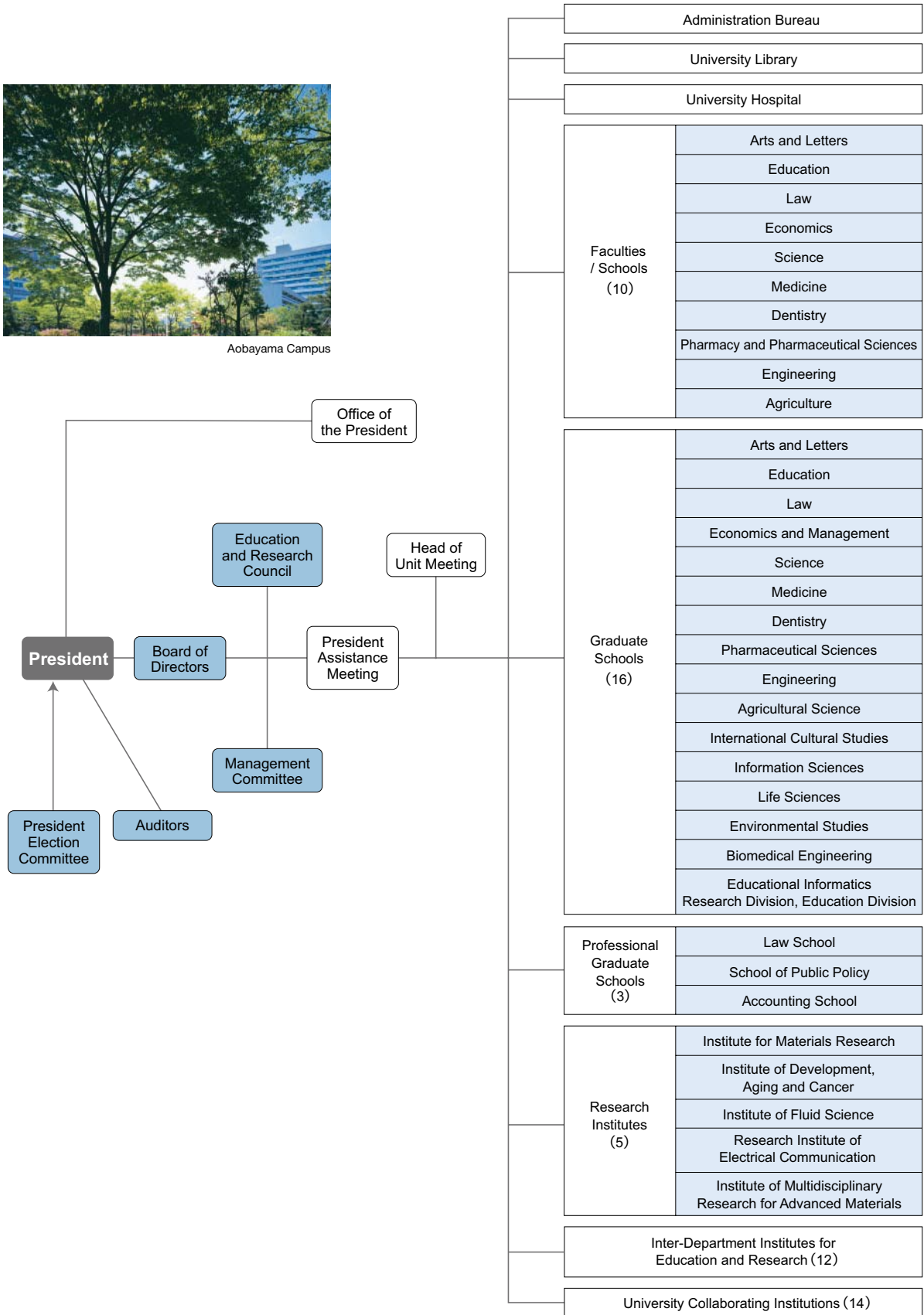
# Organization Chart

(as of April 1, 2011)

## University Governance and Academic Units



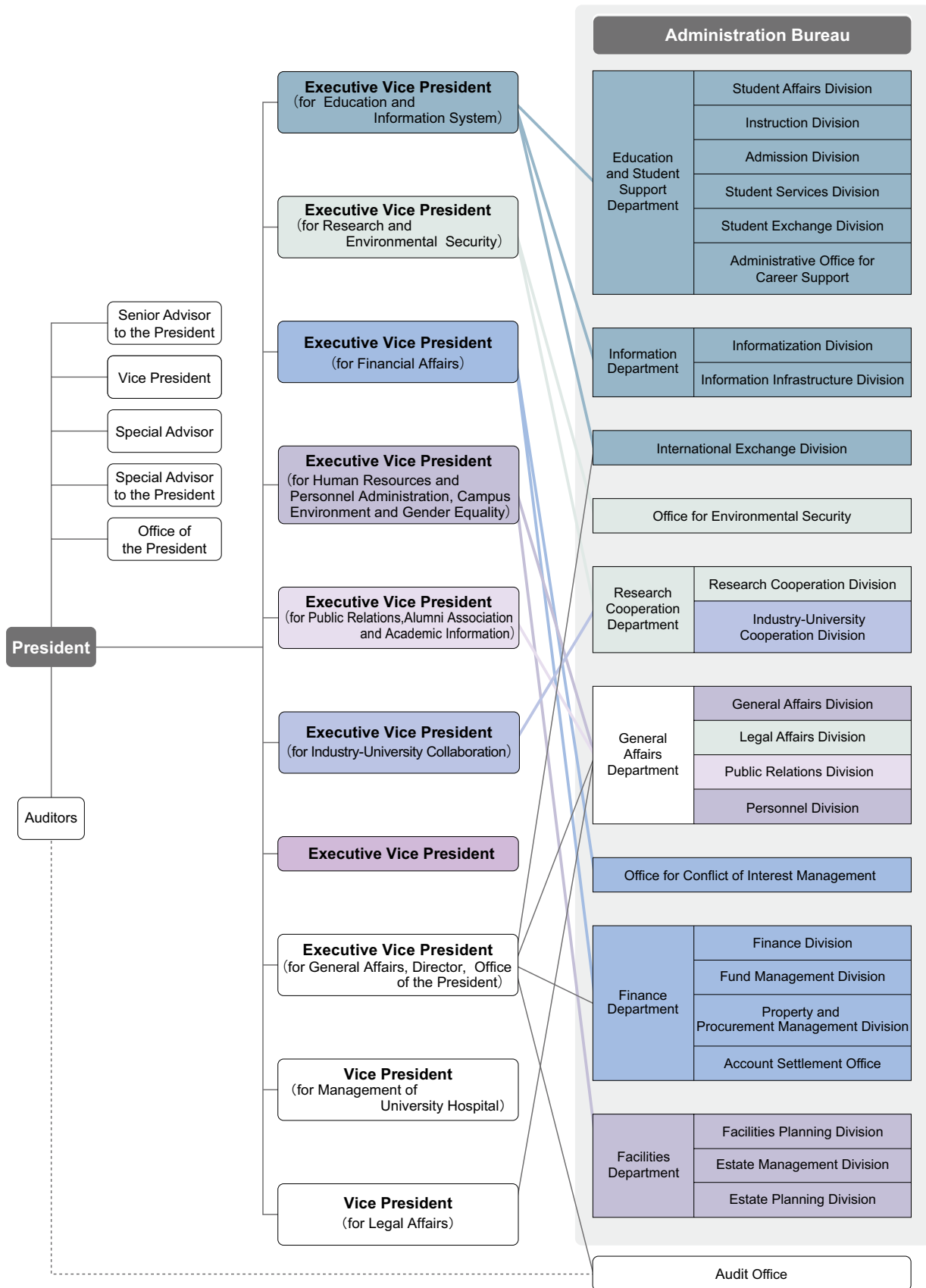
Aobayama Campus





(as of April 1, 2011)

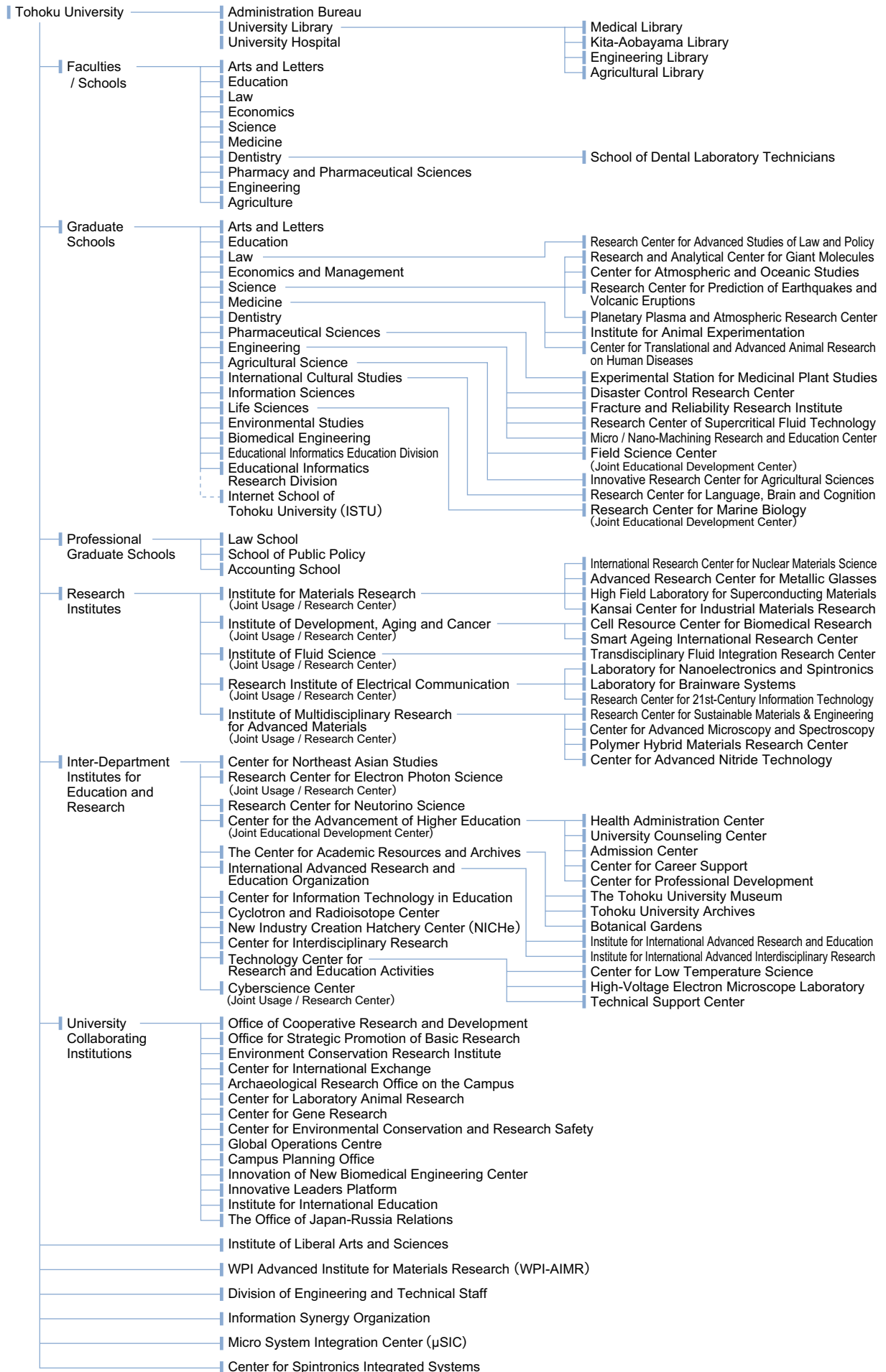
Administration



# Organization Chart

## National University Corporation Tohoku University

(as of April 1, 2011)



## Administrative Staff

(as of July 1, 2011)

President	Akihisa Inoue	Special Advisor to the President	Tooru Shimosegawa
Executive Vice President (for General Affairs), Director, Office of the President	Yukihisa Kitamura	Special Advisor to the President	Nobuhiro Takahashi
Executive Vice President (for Education and Information System)	Yoshiaki Nemoto	Special Advisor to the President	Jyunken Aoki
Executive Vice President (for Research and Environmental Security)	Toshio Iijima	Special Advisor to the President	Akinori Ito
Executive Vice President (for Financial Affairs)	Toshiya Ueki	Special Advisor to the President	Junichi Koike
Executive Vice President (for Human Resources and Personnel Administration, Campus Environment and Gender Equality)	Masamichi Kono	Special Advisor to the President	Hirotsugu Takizawa
Executive Vice President (for Public Relations, Alumni Association and Academic Information)	Keiichi Noe	Special Advisor to the President	Osamu Nishimura
Executive Vice President (for Industry-University Collaboration)	Hiroshi Kazui	Special Advisor to the President	Hiroo Yugami
Executive Vice President	Masaharu Hino	Special Advisor to the President	Koji Takenaka
Auditor	Hachiro Nakanishi	Special Advisor to the President	Takafumi Aoki
Auditor	Tomoo Nishikawa	Special Advisor to the President	Koichi Hashimoto
Vice President (for Management of University Hospital)	Susumu Satomi	Special Advisor to the President	Tatushi Muta
Vice President (for Legal Affairs)	Eiji Hyodo	Special Advisor to the President	Toshiaki Yoshioka
Vice President	Masayuki Yamamoto	Special Advisor to the President	Satoshi Uda
Vice President	Masaru Uchiyama	Special Advisor to the President	Yasufumi Sato
Vice President	Akihiro Kijima	Special Advisor to the President	Shigeru Obayashi
Vice President	Atsushi Higashitani	Special Advisor to the President	Keiichi Edamatsu
Special Senior Advisor to the President Office of the President	Hiroyuki Yoshikawa	Special Advisor to the President	Hidetoshi Oikawa
Special Advisor to the President	Akihiro Kijima	Special Advisor to the President	Makoto Okumura
Special Advisor to the President	Eiji Hyodo	Special Advisor to the President	Motoko Kotani
Special Advisor to the President	Hiroshi Abe	Senior Advisor to the President	Heihachiro Amano
Special Advisor to the President	Katsutoshi Mizuhara	Senior Advisor to the President	Kentaro Ohyama
Special Advisor to the President	Jiro Akita	Senior Advisor to the President	Hiroshi Okamoto
Special Advisor to the President	Masahiko Fujimoto	Senior Advisor to the President	Shigeru Oda
Special Advisor to the President	Hideo Kozono	Senior Advisor to the President	Yasuyuki Katsumata
Special Advisor to the President	Tadahiro Hayasaka	Senior Advisor to the President	Marty Kuehnert
Special Advisor to the President	Masahiro Yamaguchi	Senior Advisor to the President	Kazuhiko Sugiyama
Special Advisor to the President	Kazuhiko Igarashi	Senior Advisor to the President	Richard Dasher
Special Advisor to the President	Toshio Miyata	Senior Advisor to the President	Masud Behnia
Special Advisor to the President	Sadayoshi Ito	Senior Advisor to the President	Tsuyoshi Masumoto
		Senior Advisor to the President	Toshiaki Yashima
		Special Advisor (for Entrance Exam)	Toshikuni Yonemoto
		Special Advisor (for Student Support)	Naoki Odanaka
		Special Advisor (for COI Management)	Akio Nishizawa
		Special Advisor (for Alumni "Syuyukai")	Shigenao Maruyama
		Special Advisor (for Gender Equality)	Noriko Osumi
		Special Advisor (for International Affairs)	Toshio Sakurai

## ■ Administration Bureau

## 【General Affairs Department】

Director Shuichi Takahashi

## 【Education and Student Support Department】

Director Takayuki Kamiguchi

## 【Finance Department】

Director Hitoshi Izu

## 【Research Cooperation Department】

Director Toshimitsu Muraoka

## 【Facilities Department】

Director Kazuyoshi Nishikawa

## 【Information Department】

## ■ Graduate Schools / Faculties / Schools

## 【Graduate School / Faculty of Arts and Letters】

Dean Ken-ichi Ohbuchi

## 【Graduate School / Faculty of Education】

Dean Eiichi Miyakoshi

## 【Graduate School / School of Law】

Dean Noriko Mizuno

## 【Graduate School of Economics and Management / Faculty of Economics】

Dean Seiichi Ohtaki

## 【Graduate School / Faculty of Science】

Dean Hiroshi Fukumura

## 【Graduate School / School of Medicine】

Dean Masayuki Yamamoto

## 【Graduate School / School of Dentistry】

Dean Keiichi Sasaki

## 【Graduate School of Pharmaceutical Sciences / Faculty of Pharmacy and Pharmaceutical Sciences】

Dean Yoshiteru Oshima

## 【Graduate School / School of Engineering】

Dean Masaru Uchiyama

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

Dean Tomoyuki Yamaya

## 【Graduate School of International Cultural Studies】

Dean Fumio Kobayashi

## 【Graduate School of Information Sciences】

Dean Michitaka Kameyama

## 【Graduate School of Life Sciences】

Dean Hideyuki Takahashi

## 【Graduate School of Environmental Studies】

Dean Kazuyuki Tohji

## 【Graduate School of Biomedical Engineering】

Dean Hideaki Matsuki

## 【Graduate School of Educational Informatics Education Division】

Dean Shinichi Watabe

## 【Graduate School of Educational Informatics Research Division】

Dean Shinichi Watabe

<b>■ Research Institutes</b>	
<b>[Institute for Materials Research]</b>	
Director	Mitsuo Niinomi
<b>[Institute of Development, Aging and Cancer]</b>	
Director	Hiroshi Fukuda
<b>[Institute of Fluid Science]</b>	
Director	Toshiyuki Hayase
<b>■ University Library</b>	
<b>[University Library]</b>	
Director	Keiichi Noe
<b>■ University Hospital</b>	
<b>[University Hospital]</b>	
Director	Susumu Satomi
<b>■ Inter-Department Institutes for Education and Research</b>	
<b>[Center for Northeast Asian Studies]</b>	
Director	Motoyuki Sato
<b>[Research Center for Electron Photon Science]</b>	
Director	Hajime Shimizu
<b>[Research Center for Neutorino Science]</b>	
Director	Kunio Inoue
<b>[Center for the Advancement of Higher Education]</b>	
Director	Akihiro Kijima
<b>[Health Administration Center]</b>	
Director	Wataru Hida
<b>[University Counseling Center]</b>	
Director	Akihiro Kijima
<b>[Admission Center]</b>	
Director	Toshikuni Yonemoto
<b>[Center for Career Support]</b>	
Director	Akihiro Kijima
<b>[Center for Professional Development]</b>	
Director	Takeshi Hata
<b>[The Center for Academic Resources and Archives]</b>	
Director	Tohru Nakashizuka
<b>[The Tohoku University Museum]</b>	
Director	Toshio Yanagida
<b>[Tohoku University Archives]</b>	
Director	Nobuhiro Satou
<b>[Botanical Gardens]</b>	
Director	Tohru Nakashizuka
<b>■ University Collaborating Institutions</b>	
<b>[Office of Cooperative Research and Development]</b>	
Director	Hiroshi Kazui
<b>[Office for Strategic Promotion of Basic Research]</b>	
Director	Toshio Iijima
<b>[Environment Conservation Research Institute]</b>	
Director	Shuichi Oi
<b>[Center for International Exchange]</b>	
Director	Yoshiaki Nemoto
<b>[Archaeological Research Office on the Campus]</b>	
Director	Kaoru Akoshima
<b>[Center for Laboratory Animal Research]</b>	
Director	Masayuki Yamamoto
<b>[Center for Gene Research]</b>	
Director	Shinri Tamura
<b>■ Institute of Liberal Arts and Sciences</b>	
Director	Yoshiaki Nemoto
<b>■ WPI Advanced Institute for Materials Research (WPI-AIMR)</b>	
Director	Yoshinori Yamamoto
<b>■ Division of Engineering and Technical Staff</b>	
Director	Masamichi Kono
<b>■ Information Synergy Organization</b>	
Director	Yōiti Suzuki
<b>■ Micro System Integration Center (μSIC)</b>	
Director	Masayoshi Esashi
<b>■ Center for Spintronics Integrated Systems</b>	
Director	Hideo Ohno
<b>[Research Institute of Electrical Communication]</b>	
Director	Masataka Nakazawa
<b>[Institute of Multidisciplinary Research for Advanced Materials]</b>	
Director	Junichi Kawamura
<b>[International Advanced Research and Education Organization]</b>	
Director	Hiroshi Fukuda
<b>[Institute for International Advanced Research and Education]</b>	
Director	Satoshi Ihara
<b>[Institute for International Advanced Interdisciplinary Research]</b>	
Director	Hiroshi Fukuda
<b>[Center for Information Technology in Education]</b>	
Director	Hiroki Shizuya
<b>[Cyclotron and Radioisotope Center]</b>	
Director	Keizo Ishii
<b>[New Industry Creation Hatchery Center (NICHe)]</b>	
Director	Masaru Uchiyama
<b>[Center for Interdisciplinary Research]</b>	
Director	Mitsuo Niinomi
<b>[Technology Center for Research and Education Activities]</b>	
Director	Toshio Iijima
<b>[Center for Low Temperature Science]</b>	
Director	Haruyoshi Aoki
<b>[High-Voltage Electron Microscope Laboratory]</b>	
Director	Toyohiko Konno
<b>[Technical Support Center]</b>	
Director	Toshio Iijima
<b>[Cyberscience Center]</b>	
Director	Hiroaki Kobayashi
<b>[Center for Environmental Conservation and Research Safety]</b>	
Director	Toshio Iijima
<b>[Global Operations Centre]</b>	
Director	Yukihisa Kitamura
<b>[Campus Planning Office]</b>	
Director	Susumu Sugiyama
<b>[Innovation of New Biomedical Engineering Center]</b>	
Director	Susumu Satomi
<b>[Innovative Leaders Platform]</b>	
Director	Yoshiaki Nemoto
<b>[Institute for International Education]</b>	
Director	Yoshiaki Nemoto
<b>[The Office of Japan-Russia Relations]</b>	
Director	Akihiro Kijima

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

(as of April 1, 2011)

## President Election Committee

External Members	
Heihachiro Amano	Chairman, Automobile Business Association of Miyagi
Teruo Kishi	NIMS Advisor, National Institute for Materials Science
Reiko Kuroda	Professor, Graduate School of Arts and Sciences, The University of Tokyo
Hiroaki Takahashi	Representative Director & President, Tohoku Electric Power co., INC
Kyuzo Nakamura	President and CEO, ULVAC, Inc.
Tetsuro Higashi	Chairman and CEO, Tokyo Electron Limited

Internal Members	
Masayuki Yamamoto	Vice President Dean, Graduate School of Medicine
Masaru Uchiyama	Vice President Dean, Graduate School of Engineering
Eiichi Miyakoshi	Dean, Graduate School of Education
Keiichi Sasaki	Dean, Graduate School of Dentistry
Tomoyuki Yamaya	Dean, Graduate School of Agricultural Science
Toshiyuki Hayase	Director, Institute of Fluid Science

## Board of Directors

Akihisa Inoue	President
Yoshiaki Nemoto	Executive Vice President
Toshio Iijima	Executive Vice President
Toshiya Ueki	Executive Vice President

Masamichi Kono	Executive Vice President
Keiichi Noe	Executive Vice President
Hiroshi Kazui	Executive Vice President
Masaharu Hino	Executive Vice President

## Management Committee

External Members	
Heihachiro Amano	Chairman, Automobile Business Association of Miyagi
Yuichiro Anzai	Advisor, Keio University Professor, Faculty of Science and Technology, Keio University
Emiko Okuyama	Mayor of Sendai
Motoyuki Ono	President, Japan Society for the Promotion of Science
Tadashi Onodera	Chairman, KDDI Corporation
Teruo Kishi	NIMS Advisor, National Institute for Materials Science
Takashi Kubota	President & CEO, Chiyoda Corporation
Reiko Kuroda	Professor, Graduate School of Arts and Sciences, The University of Tokyo
Ryoki Sugita	Chairman, Nikkei, Inc.
Shigeharu Suzuki	Chairman, Daiwa Securities Group Inc.
Satoshi Seino	President and CEO, East Japan Railway Company
Hiroaki Takahashi	Representative Director & President, Tohoku Electric Power co., INC Chairman, Tohoku Economic Federation
Atsuko Toyama	President, The Toyota Foundation President, Panasonic Education Foundation Former Minister of Education, Culture, Sports, Science and Technology
Kyuzo Nakamura	President and CEO, ULVAC, Inc.
Tetsuro Higashi	Chairman and CEO, Tokyo Electron Limited
Naozumi Furukawa	President & CEO, Zeon Corporation
Marc Dunoyer	President of Asia Pacific and Chairman of Japan, GlaxoSmithKline K.K.
Chugo Marumori	Advisor, Sendai Chamber of Commerce and Industry Senior Advisor, The 77Bank, Ltd.
Yoshihiro Murai	Governor of Miyagi Prefecture

Internal Members	
Akihisa Inoue	President
Yoshiaki Nemoto	Executive Vice President
Toshio Iijima	Executive Vice President
Toshiya Ueki	Executive Vice President
Masamichi Kono	Executive Vice President
Keiichi Noe	Executive Vice President
Hiroshi Kazui	Executive Vice President
Masaharu Hino	Executive Vice President
Yukihisa Kitamura	Executive Vice President (for General Affairs), Director, Office of the President
Susumu Satomi	Vice President Director, University Hospital
Eiji Hyodo	Vice President Deputy Director, Office of the President
Masayuki Yamamoto	Vice President Dean, Graduate School of Medicine
Masaru Uchiyama	Vice President Dean, Graduate School of Engineering
Akihiro Kijima	Vice President Deputy Director, Office of the President



Aobayama Campus



Katahira Campus

## Education and Research Council

Akihisa Inoue	President
Yoshiaki Nemoto	Executive Vice President
Toshio Iijima	Executive Vice President
Toshiya Ueki	Executive Vice President
Masamichi Kono	Executive Vice President
Keiichi Noe	Executive Vice President
Hiroshi Kazui	Executive Vice President
Masaharu Hino	Executive Vice President
Yukihisa Kitamura	Executive Vice President Director, Office of the President
Susumu Satomi	Vice President Director, University Hospital
Eiji Hyodo	Vice President Deputy Director, Office of the President
Masayuki Yamamoto	Vice President Dean, Graduate School of Medicine
Masaru Uchiyama	Vice President Dean, Graduate School of Engineering
Akihiro Kijima	Vice President Deputy Director, Office of the President
Atsushi Higashitani	Vice President
Ken-ichi Ohbuchi	Dean, Graduate School of Arts and Letters
Eiichi Miyakoshi	Dean, Graduate School of Education
Noriko Mizuno	Dean, Graduate School of Law
Seiichi Ohtaki	Dean, Graduate School of Economics and Management
Hiroshi Fukumura	Dean, Graduate School of Science
Keiichi Sasaki	Dean, Graduate School of Dentistry
Yoshiteru Oshima	Dean, Graduate School of Pharmaceutical Sciences
Tomoyuki Yamaya	Dean, Graduate School of Agricultural Science
Fumio Kobayashi	Dean, Graduate School of International Cultural Studies
Michitaka Kameyama	Dean, Graduate School of Information Sciences
Hideyuki Takahashi	Dean, Graduate School of Life Sciences
Kazuyuki Tohji	Dean, Graduate School of Environmental Studies
Hideaki Matsuki	Dean, Graduate School of Biomedical Engineering
Mitsuo Niinomi	Director, Institute for Materials Research
Hiroshi Fukuda	Director, Institute of Development, Aging and Cancer
Toshiyuki Hayase	Director, Institute of Fluid Science

Masataka Nakazawa	Director, Research Institute of Electrical Communication
Junichi Kawamura	Director, Institute of Multidisciplinary Research for Advanced Materials
Shinichi Watabe	Dean, Graduate School of Educational Informatics Research Division
Motoyuki Sato	Director, Center for Northeast Asian Studies
Yutaka Zakota	Professor, Graduate School of Arts and Letters
Takashi Ueno	Professor, Graduate School of Education
Tatsunori Watanabe	Professor, Graduate School of Law
Nobuhiko Terui	Professor, Graduate School of Economics and Management
Eiji Ohtani	Professor, Graduate School of Science
Sadayoshi Ito	Professor, Graduate School of Medicine
Nobuhiro Takahashi	Professor, Graduate School of Dentistry
Jun-ichi Anzai	Professor, Graduate School of Pharmaceutical Sciences
Tatsuo Omura	Professor, Graduate School of Engineering
Makie Kokubun	Professor, Graduate School of Agricultural Science
Tsutomu Nunota	Professor, Graduate School of International Cultural Studies
Koichiro Deguchi	Professor, Graduate School of Information Sciences
Daisuke Yamamoto	Professor, Graduate School of Life Sciences
Toshiaki Yoshioka	Professor, Graduate School of Environmental Studies
Shin-ichi Izumi	Professor, Graduate School of Biomedical Engineering
Koki Takanashi	Professor, Institute for Materials Research
Toshiyuki Takai	Professor, Institute of Development, Aging and Cancer
Shigenao Maruyama	Professor, Institute of Fluid Science
Hideo Ohno	Professor, Research Institute of Electrical Communication
Hidetoshi Oikawa	Professor, Institute of Multidisciplinary Research for Advanced Materials
Hidetoshi Shimauchi	Vice Director, University Hospital
Takashi Sekiuchi	Professor, Inter-Department Institutes for Education
Keizo Ishii	Professor, Inter-Department Institutes for Research
Hiroshi Fukuda	Director, International Advanced Research and Education Organization
Yoshinori Yamamoto	Director, WPI Advanced Institute for Materials Research



Kawauchi Campus



Aobayama Campus

## University Personnel

(as of May 1, 2011)

Classification	President	Executive Vice Presidents	Auditors	Professors	Associate Professors	Senior Assistant Professors	Assistant Professors	Research Associates	Sub Total	Administrative/ Technical Staff	Grand Total
President	1										1
Executive Vice President		6 (1)									7
Auditor			1 (1)								2
Administration Bureau	Office of the President							1	1	10	11
	General Affairs Department						1		1	81	82
	Education and Student Support Department								0	92	92
	Finance Department								0	82	82
	Research Cooperation Department								0	22	22
	Facilities Department								0	46	46
	Information Department								0	25	25
	International Exchange Division								0	9	9
	Office for Environmental Security								0	6	6
	Office for Conflict of Interest Management							1	1	1	2
Audit Office								0	7	7	
Graduate School of Arts and Letters				40	37		18	2	97	18	115
Graduate School of Education				15	15		2		32	11	43
Graduate School of Law				30	25		7	7	69	16	85
Graduate School of Economics and Management				40	20	1		4	65	17	82
Graduate School of Science				76	81	5	109	3	274	59	333
Graduate School of Medicine				91	70	28	110	28	327	40	367
Graduate School of Dentistry				23	9	8	56		96	15	111
Graduate School of Pharmaceutical Sciences				20	16	6	27	7	76	16	92
Graduate School of Engineering				119	107	2	134	6	368	96	464
Graduate School of Agricultural Science				41	38		38	6	123	24	147
Graduate School of International Cultural Studies				30	21				51	11	62
Graduate School of Information Sciences				36	30	2	30	1	99	13	112
Graduate School of Life Sciences				26	18	2	35	1	82	12	94
Graduate School of Environmental Studies				21	19		17	2	59	7	66
Graduate School of Biomedical Engineering				18	7		3	1	29	4	33
Graduate School of Educational Informatics				4	1	1	3		9		9
Institute for Materials Research				26	34	1	56	2	119	36	155
Institute of Development, Aging and Cancer				19	13	4	25		61	14	75
Institute of Fluid Science				16	9	5	12		42	11	53
Research Institute of Electrical Communication				27	17		30		74	14	88
Institute of Multidisciplinary Research for Advanced Materials				41	29	5	62		137	24	161
Main Library									0	34	34
Medical Library									0	8	8
Kita-Aobayama Library									0	4	4
Engineering Library									0	9	9
Agricultural Library									0	4	4
University Hospital				5	17	62	220	12	316	1,561	1,877
Center for Northeast Asian Studies				10	6		7	1	24		24
Research Center for Electron Photon Science				3	3		7		13	0	13
Research Center for Neutrino Science				1	5	1	6		13	0	13
Center for the Advancement of Higher Education				13	12	16	15	2	58	9	67
The Center for Academic Resources and Archives				3	4		6		13	1	14
International Advanced Research and Education Organization				1	1		17		19	2	21
Center for Information Technology in Education				2	3		2	1	8	0	8
Cyclotron and Radioisotope Center				3	4		7	3	17	1	18
New Industry Creation Hatchery Center				9	14		13	1	37	4	41
Center for Interdisciplinary Research				3	4				7	0	7
Cyberscience Center				4	4		1		9		9
Office of Cooperative Research and Development									0	5	5
Environment Conservation Research Institute				1			3	2	6	2	8
Center for International Exchange				3		1			4	1	5
Archaeological Research Office on the Campus									0	3	3
Center for Environmental Conservation and Research Safety				1	1		1		3	0	3
Global Operations Centre									0	0	0
Campus Planning Office									0	3	3
Innovation of New Biomedical Engineering Center				3	1	1	1	7	13	7	20
Innovative Leaders Platform									0	1	1
Institute for International Education				1	10				11	1	12
Institute of Liberal Arts and Sciences				4					4		4
WPI Advanced Institute for Materials Research				19	10	2	29	30	90	18	108
Division of Engineering and Technical Staff									0	448	448
Information Synergy Organization									0	2	2
Micro System Integration Center (μSIC)					1		4		5	2	7
Center for Spintronics Integrated Systems				4			3		7	2	9
Regular Personnel	1	7	2	852	716	153	1,117	131	2,969	2,971	5,950

\* Counts include employees on leave status.

\* ( ) indicates the number of part-time personnel.

## Faculties / Schools

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

## Graduate Schools

	Majors		Majors
Arts and Letters	Humane Studies Linguistic Studies Historical Studies Human Sciences	Agricultural Science	Biological Resource Sciences Life Science Bioscience and Biotechnology for Future Bioindustries
Education	Educational Science Educational Design and Measurement	International Cultural Studies	Area Studies Intercultural Relations Language Studies
Law	Law and Society (Law School) Public Law and Policy (School of Public Policy) Legal and Political Studies	Information Sciences	Computer and Mathematical Sciences System Information Sciences Human-Social Information Sciences Applied Information Sciences
Economics and Management	Economics and Management Accountancy (Accounting School)	Life Sciences	Biomolecular Sciences Developmental Biology and Neurosciences Environmental Life Sciences
Science	Mathematics Physics Astronomy Geophysics Chemistry Earth Science	Environmental Studies	Environmental Studies
Medicine	Medical Sciences Disability Science Health Sciences	Biomedical Engineering	Biomedical Engineering
Dentistry	Dental Sciences	Educational Informatics Education Division	Educational Informatics
Pharmaceutical Sciences	Pharmaceutical Chemistry Bio-Pharmaceutical Science Life Science Molecular Pharmaceutical Science Life and Pharmaceutical Science	Educational Informatics Research Division	
Engineering	Mechanical Systems and Design Nanomechanics Aerospace Engineering Quantum Science and Energy Engineering Electrical and Communication 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 Bioengineering and Robotics	Professional Graduate Schools	Law School School of Public Policy Accounting School



## Research Institutes

Institute	Department	Mission
Institute for Materials Research (Joint Usage / Research Center)	29 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)	5 divisions	Theory and Application of Intelligent Information Science and Communications
Institute of Multidisciplinary Research for Advanced Materials (Joint Usage / Research Center)	5 divisions	Systematic and futuristic studies of new concepts, methodologies and processes related to advanced materials

## 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.
Center for the Advancement of Higher Education (Joint Educational Development Center)	To plan, promote, and support professional development, and to raise the level of knowledge and pedagogy in universities.
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.
International Advanced Research and Education Organization	To create and promote research in new interdisciplinary areas, acquire new knowledge, and nurture talented young researchers who can make valuable contributions in these areas.
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.
Center for Interdisciplinary Research	To conduct interdisciplinary studies in unexplored areas and to further internationalism by creating innovative new fields of study.
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 Cyberscience 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
Office of Cooperative Research and Development	To promote wide-ranging academic research, contribute to the creation of knowledge, and facilitate institutional management/utilization of research results as the university-owned intellectual properties. To contribute to the establishment of a mutually beneficial collaboration between industry, academia and government, and the further development of our society by providing support for the creation of new business.
Office for Strategic Promotion of Basic Research	This office supports the advancement of research at the University through strategic and competitive fund-raising. It is also involved in the planning, collecting and disseminating of information within the 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.
Center for International Exchange	To promote international exchange, by assisting in the receptions and departures of scholars and students, by supporting the development of international activities and again by assisting foreign scholars and students in their orientation classes on Japan and the Japanese educational system.
Archaeological Research Office on the 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.
Global Operations Centre	GOC aims to pursue the following six priority tasks to enable the university to promote international exchange strategically and effectively: (1) create a university-wide international strategy (2) support and coordinate on unified international strategy implementation (3) strengthen international exchange communication (4) strengthen outreach skills (5) provide administrative staff with training in language and international exchange-related work (6) strengthen support for overseas researchers and students.
Campus Planning Office	To conduct surveys and research, accumulate materials and draft proposals relating to the faculty and of the future plans for the Tohoku University campus, and also provide expert support to committees involved in campus planning.
Innovation of New Biomedical Engineering Center	As a major support center of Translational Research based upon biomedical engineering, the Center is consistent to in its support and application of (1) achievement of basic research on medical equipment and material, (2) cell remedies and (3) drug-discovery in the clinical stage. It also nurtures human resources to carry out Translational Research tasks.
Innovative Leaders Platform	We aim to instill the young researchers at our university with practical knowhow and interpersonal skills, and foster human resources with a broad vision and creativity who are able to contribute to the development of industry.
Institute for International Education	Our mission is to work together with related departments and Educational Affairs Council in creating an international learning environment through the planning, implementation and support of university-wide English education courses and courses where students can obtain a degree by taking classes only in English. In addition, by enhancing our system for accepting international students, we aim to instill in our students an international perspective, high-level education, specialist knowledge and practical skills, and foster leaders who will be active on the global scale.
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 under the MEXT Global 30 Program.

## ■ Institute of Liberal Arts and Sciences

Mission	To provide students with a well-rounded education, the Institute of Liberal Arts and Sciences collaborates with the Center for the Advancement of Higher Education to implement and support liberal arts and general science education. Accordingly, the Institute of Liberal Arts and Sciences contributes to the cultivation of specialized human resources with a creative spirit and high level problem-solving skills.
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## ■ WPI Advanced Institute for Materials Research (WPI-AIMR)

Mission	As an international research center for innovative material science, WPI-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, WPI-AIMR creates new materials with innovative and practical functions. Accordingly, WPI-AIMR contributes to sustainable development in the Japanese industrial economy, while maintaining a leading-edge and making progress in relevant academic fields.
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## ■ 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.
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## ■ 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.
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## ■ Micro System Integration Center ( $\mu$ SIC)

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.
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## ■ 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.
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## ■ University Hospital

(as of April 1, 2011)

Divisions	Clinical Departments	Beds
Medicine	Internal Medicine	1,308
	Surgery	
	Obstetrics, Gynecology and Urology	
	Neurological and Psychiatric Disorders	
	Pediatrics	
	Sense Organ and Rehabilitation Medicine	
	Radiology	
Dentistry	Oral Health Enhancement	
	Oral Medicine and Surgery	
	Oral Reconstruction	
	Rehabilitation of Oral Function	

### Number of Patients

(FY 2010)

Divisions/Inpatient Treatments	Total Number of Inpatients	Average Number of Inpatients per day
Medicine	383,483	1,050.6
Dentistry	8,343	22.9
Divisions/Outpatient Treatments	Total Number of Outpatients	Average Number of Outpatients per day
Medicine	525,945	2,209.9
Dentistry	125,770	528.4

We also conduct "Advanced Medical Care" in 12 special fields.  
(as of May 1, 2011)



University Hospital

## University Library

### Number of Volumes

(as of March 31, 2011)

Classification		Types of Materials	Main Library	Medical Library	Kita-Aobayama Library	Engineering Library	Agricultural Library	Total
Number of Volumes	Books	Japanese	1,479,813	173,358	78,603	168,396	77,059	1,977,229
		Foreign	1,132,335	258,357	300,294	178,942	61,907	1,931,835
		Total	2,612,148	431,715	378,897	347,338	138,966	3,909,064
	Periodicals	Japanese	25,295	4,763	2,216	3,778	3,847	39,899
		Foreign	16,863	9,003	7,105	4,123	1,893	38,987
		Total	42,158	13,766	9,321	7,901	5,740	78,886

### Usage Statistics

(FY 2010)

Classification	Main Library	Medical Library	Kita-Aobayama Library	Engineering Library	Agricultural Library	Total
Visitors	659,624	193,630	61,855	117,681	44,621	1,077,411
External Readers	28,735	1,211	1,864	157	305	32,272
Books for Loan	176,837	16,895	16,097	46,116	7,635	263,580
Reference Services	8,652	3,714	2,912	4,707	1,785	21,770
Information Retrieval Services	16,235	7,914	1,310	2,118	803	28,380
Literature Duplication	9,700	40,474	5,249	9,247	1,969	66,639

### Collections

1. National Treasures	Shiki Kobun Hongi / Shiji Xiao Wen benji di shi v.10 (Heian Period) Ruiju kokushi v.25 (Heian Period)
2. Cherished Books (Total: 930 items)	Japanese books: 820 items (including 574 items of Kano Collection) Foreign books: 110 items
3. 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, Haseda (Taizo) 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



A Copy of GuKaizhi's "The Admonitions of the Instructress to the Court Ladies"



Tibetan Tripitaka



A Copy of Matteo Ricci's World Map

(FY=Fiscal Year / Financial Year)



# Students

## Number of Students

(as of May 1, 2011)

### Total Number

Categories	Student Quota	Number of Students	Number of International Students included in counts			Research Students Special Auditors Special Research Students Special Students Intensive Japanese Language Program
			Japanese Government Scholarships	Private Means	Sub Total	
Undergraduate Students	9,921	10,967 (2,656)	60	75	135	215
Graduate Students (Master's Program / Profession Degree Program)	3,956	4,471 (1,001)	76	493	569	134
Graduate Students (Doctoral Program)	2,678	2,787 (688)	158	382	540	
Sub Total	16,555	18,225 (4,345)	294	950	1,244	349
Attached School	40	39 (28)	—	—	—	—
Research Institutes	—	—	—	—	—	33
Others	—	—	—	—	—	19
Grand Total	16,595	18,264 (4,373)	294	950	1,244	401

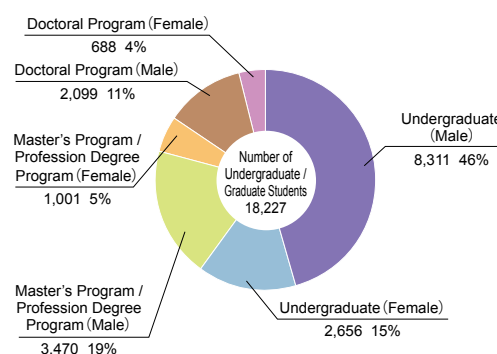
1. ( ) indicates the number of female students included in counts.  
2. "Private Means" include foreign government funds.

### Faculties / Schools

(as of May 1, 2011)

Faculties / Schools	Student Quota	Number of Students
Arts and Letters	840	984 (526) [16]
Education	280	304 (149) [2]
Law	640	710 (176) [3]
Economics	1,080	1,162 (204) [20]
Science	1,296	1,409 (213) [12]
Medicine	1,257	1,294 (518) [5]
Dentistry	328	340 (114) [0]
Pharmacy and Pharmaceutical Sciences	360	378 (110) [6]
Engineering	3,240	3,703 (385) [69]
Agriculture	600	683 (261) [2]
Total	9,921	10,967 (2,656) [135]

1. ( ) indicates the number of female students included in counts.  
2. [ ] indicates the number of international students included in counts.



### Graduate Schools

(as of May 1, 2011)

Graduate Schools	Master's Program / Profession Degree Program		Doctoral Program	
	Student Quota	Number of Students	Student Quota	Number of Students
Arts and Letters	178	173 (90) [37]	135	198 (68) [30]
Education	86	77 (48) [8]	54	98 (49) [12]
Law	350	285 (67) [9]	60	45 (17) [24]
Economics and Management	180	209 (87) [95]	60	72 (24) [27]
Science	524	589 (70) [39]	390	284 (32) [42]
Medicine	184	196 (106) [26]	573	649 (184) [53]
Dentistry	12	17 (12) [4]	183	166 (53) [7]
Pharmaceutical Sciences	108	145 (37) [13]	78	82 (10) [8]
Engineering	1,272	1,530 (141) [128]	522	580 (54) [179]
Agricultural Sciences	218	284 (100) [31]	111	101 (29) [18]
International Cultural Studies	96	85 (59) [55]	114	97 (66) [47]
Information Sciences	280	332 (41) [61]	126	118 (22) [32]
Life Sciences	212	206 (60) [7]	141	106 (29) [14]
Environmental Studies	170	224 (52) [33]	86	121 (35) [39]
Biomedical Engineering	62	87 (17) [6]	30	48 (8) [8]
Educational Informatics	24	32 (14) [17]	15	22 (8) [0]
Total	3,956	4,471 (1,001) [569]	2,678	2,787 (688) [540]

1. ( ) indicates the number of female students included in counts.  
2. [ ] indicates the number of international students included in counts.

### Attached School

(as of May 1, 2011)

School	Student Quota	Number of Enrollees	Number of Students
School of Dental Laboratory Technicians	20 x 2 years	20 (16)	39 (28)

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



Kawauchi Campus

## Result of Entrance Examination

(FY 2011)

## Faculties / Schools

Faculties / Schools	Student Quota	Number of Applicants	Number of Registered Students
Arts and Letters	210	629 (351)	226 (139)
Education	70	214 (108)	70 (35)
Law	160	502 (113)	164 (41)
Economics	260	1,084 (198)	260 (48)
Science	20	71 (17)	20 (4)
	324	1,544 (260)	327 (51)
Medicine	120	406 (86)	124 (23)
Health Sciences	144	400 (293)	152 (112)
Dentistry	16	23 (18)	2 (2)
Dentistry	53	150 (63)	51 (17)
Pharmacy and Pharmaceutical Sciences	80	277 (97)	83 (14)
Engineering	810	2,291 (280)	869 (99)
Agriculture	150	440 (198)	161 (74)
Total	2,381	7,937 (2,047)	2,487 (653)
	36	94 (35)	22 (6)

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

2. The numbers indicated in lower lines are the 3rd year transfer students.

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

## Graduate Schools

(FY 2011)

Graduate Schools	Student Quota	Number of Applicants	Number of Registered Students
Arts and Letters	89	121 (67)	73 (37)
Doctoral Program	45	55 (23)	39 (17)
Education	43	89 (61)	36 (25)
Doctoral Program	18	29 (11)	16 (6)
Law	10	8 (2)	2 (0)
Doctoral Program	20	5 (4)	4 (3)
Profession Degree Program	110	372 (67)	99 (23)
Economics and Management	50	84 (37)	40 (16)
Doctoral Program	20	14 (3)	11 (3)
Profession Degree Program	40	99 (26)	38 (11)
Science	262	354 (42)	272 (28)
Doctoral Program	130	72 (9)	68 (8)
Medicine	40	54 (23)	40 (16)
Master's Program * (Medical Sciences)	130	118 (34)	112 (33)
Doctoral Program * (Medical Sciences)	52	58 (36)	55 (33)
Master's Program	21	25 (11)	23 (10)
Dentistry	6	6 (5)	6 (5)
Doctoral Program *	42	42 (17)	40 (15)
Pharmaceutical Sciences	54	82 (22)	67 (18)
Doctoral Program	26	33 (3)	32 (3)
Engineering	636	914 (90)	720 (66)
Doctoral Program	174	120 (14)	113 (13)
Agricultural Science	109	166 (54)	123 (44)
Doctoral Program	37	31 (11)	31 (11)
International Cultural Studies	48	72 (47)	33 (23)
Doctoral Program	38	28 (16)	16 (12)
Information Sciences	140	186 (17)	147 (15)
Doctoral Program	42	35 (8)	30 (8)
Life Sciences	106	118 (36)	93 (29)
Doctoral Program	47	31 (9)	30 (8)
Environmental Studies	85	125 (29)	102 (24)
Doctoral Program	27	21 (4)	19 (4)
Biomedical Engineering	31	53 (11)	39 (7)
Doctoral Program	10	4 (1)	4 (1)
Educational Informatics Education Division	12	16 (5)	14 (4)
Doctoral Program	5	8 (3)	6 (3)
Total	1,673	2,364 (534)	1,749 (351)
Master's Program *	100	142 (50)	113 (39)
Doctoral Program *	172	160 (51)	152 (48)
Doctoral Program	660	511 (130)	442 (110)
Profession Degree Program	150	471 (93)	137 (34)

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



FY2011 Entrance Ceremony



Orientation



(FY=Fiscal Year / Financial Year)

## Number of Degrees Conferred

### Bachelor's Degree

(as of March 31, 2011)

Fuculties / Schools	Old System	New System	
		FY 2010	Cumulative Total
Arts and Letters	1,277	209	9,931
Education	—	71	6,440
Law	3,844	144	11,720
Economics	1,446	284	12,825
Science	2,747	335	14,861
Medicine	3,290	270	6,547
Dentistry	—	49	2,290
Pharmacy and Pharmaceutical Sciences	—	61	3,478
Engineering	3,953	880	43,013
Agriculture	679	146	8,213
<b>Total</b>	<b>17,236</b>	<b>2,449</b>	<b>119,318</b>

1. Old system of Bachelor of Agriculture includes 59 Bachelors of Forestry

### Master's Degree

(as of March 31, 2011)

Graduate Schools	FY 2010	Cumulative Total
Arts and Letters	76	3,097
Education	38	1,052
Law	3	556
Economics and Management	51	1,092
Science	249	8,498
Medicine	75	556
Dentistry	10	42
Pharmaceutical Sciences	80	2,023
Engineering	656	20,360
Agricultural Science	117	3,374
International Cultural Studies	34	659
Information Sciences	154	2,235
Life Sciences	100	916
Environmental Studies	95	658
Biomedical Engineering	29	61
Educational Informatics Education Division	15	83
<b>Total</b>	<b>1,782</b>	<b>45,262</b>

### Profession Degree

(as of March 31, 2011)

Categories	FY 2010	Cumulative Total
Master of Public Policy (School of Public Policy, established in 2004)	15	124
Juris Doctor (Law School, established in 2004)	98	509
Master of Accountancy (Accounting School, established in 2005)	36	180
<b>Total</b>	<b>149</b>	<b>813</b>

### Doctor's Degree

(as of March 31, 2011)

Graduate Schools	Old System	New System (Doctoral Program)		New System (Doctor's Thesis)	
		FY 2010	Cumulative Total	FY 2010	Cumulative Total
Arts and Letters	96	33	378	5	270
Education	—	8	126	0	124
Law	38	6	97	0	53
Economics and Management	50	13	222	3	111
Science	944	66	2,641	3	1,245
Medicine	3,715	108	3,058	6	3,454
Dentistry	—	47	582	0	203
Pharmaceutical Sciences	—	13	470	12	546
Engineering	554	145	4,512	9	2,222
Agricultural Science	152	23	1,026	8	758
International Cultural Studies	—	10	126	0	8
Information Sciences	—	24	541	2	62
Life Sciences	—	26	207	4	20
Environmental Studies	—	22	171	0	15
Biomedical Engineering	—	7	9	0	0
Educational Informatics Education Division	—	2	15	1	2
<b>Total</b>	<b>5,549</b>	<b>553</b>	<b>14,181</b>	<b>53</b>	<b>9,093</b>

Doctor's Degree ... By completing the Doctoral Program requirements or by presenting a Doctor's thesis

Old System ... 1921-1962

New System ... 1995-present



Graduation Ceremony

(FY=Fiscal Year / Financial Year)



## Post Graduation Status

### Faculties / Schools

(as of April 1, 2011)

Categories Faculties / Schools	Number of graduates	Number of students going on to higher stage of education	Number of medical / dental students employed as interns	Number of those in employment	Place of employment		Others
					Within Miyagi Prefecture	Outside Miyagi Prefecture	
Arts and Letters	209 (130)	30 (13)	— —	144 (91)	35 (26)	109 (65)	35 (26)
Education	71 (47)	17 (12)	— —	45 (28)	13 (12)	32 (16)	9 (7)
Law	144 (41)	35 (11)	— —	86 (26)	23 (11)	63 (15)	23 (4)
Economics	284 (73)	21 (6)	— —	218 (58)	31 (4)	187 (54)	45 (9)
Science	335 (50)	282 (36)	— —	29 (12)	2 (0)	27 (12)	24 (2)
Medicine (6 years)	107 (21)	0 (0)	98 (21)	0 (0)	0 (0)	0 (0)	9 (0)
Medicine (4 years)	163 (113)	25 (14)	0 (0)	126 (94)	63 (44)	63 (50)	12 (5)
Dentistry	49 (14)	1 (1)	45 (12)	0 (0)	0 (0)	0 (0)	3 (1)
Pharmacy and Pharmaceutical Sciences	61 (10)	57 (10)	— —	2 (0)	0 (0)	2 (0)	2 (0)
Engineering	880 (79)	784 (69)	— —	66 (8)	11 (2)	55 (6)	30 (2)
Agriculture	146 (54)	103 (34)	— —	36 (15)	5 (2)	31 (13)	7 (5)
<b>Total</b>	<b>2,449 (632)</b>	<b>1,355 (206)</b>	<b>143 (33)</b>	<b>752 (332)</b>	<b>183 (101)</b>	<b>569 (231)</b>	<b>199 (61)</b>

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

2. "Others" include research students; special students; graduates preparing for the exam for National Public Service; graduates unemployed; and others.

### Graduate Schools (Master's Program)

(as of April 1, 2011)

Categories Graduate Schools	Number of graduates	Number of students going on to higher stage of education	Number of medical / dental students employed as interns	Number of those in employment	Place of employment		Others
					Within Miyagi Prefecture	Outside Miyagi Prefecture	
Arts and Letters	76 (35)	28 (11)	— —	28 (12)	10 (3)	18 (9)	20 (12)
Education	38 (23)	10 (5)	— —	17 (10)	6 (4)	11 (6)	11 (8)
Law	3 (0)	0 (0)	— —	2 (0)	0 (0)	2 (0)	1 (0)
Economics and Management	51 (21)	11 (4)	— —	15 (5)	2 (0)	13 (5)	25 (12)
Science	249 (41)	66 (10)	— —	159 (28)	9 (3)	150 (25)	24 (3)
Medicine	51 (28)	14 (8)	0 (0)	35 (18)	20 (11)	15 (7)	2 (2)
Pharmaceutical Sciences	80 (22)	26 (5)	— —	51 (16)	7 (3)	44 (13)	3 (1)
Engineering	656 (58)	72 (8)	— —	553 (48)	27 (2)	526 (46)	31 (2)
Agricultural Science	117 (38)	22 (7)	— —	86 (29)	12 (4)	74 (25)	9 (2)
International Cultural Studies	34 (23)	10 (7)	— —	3 (1)	1 (1)	2 (0)	21 (15)
Information Sciences	154 (21)	19 (5)	— —	66 (5)	4 (0)	62 (5)	69 (11)
Life Sciences	100 (35)	17 (5)	— —	47 (21)	6 (2)	41 (19)	36 (9)
Environmental Studies	95 (18)	14 (4)	— —	70 (10)	5 (1)	65 (9)	11 (4)
Biomedical Engineering	29 (4)	4 (0)	— —	25 (4)	1 (0)	24 (4)	0 (0)
Educational Informatics Education Division	15 (8)	4 (2)	— —	5 (1)	4 (1)	1 (0)	6 (5)
<b>Total</b>	<b>1,748 (375)</b>	<b>317 (81)</b>	<b>0 (0)</b>	<b>1,162 (208)</b>	<b>114 (35)</b>	<b>1,048 (173)</b>	<b>269 (86)</b>

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

2. "Others" include research students; special students; graduates preparing for the exam for National Public Service; graduates unemployed; and others.

### Graduate Schools (Doctoral Program)

(as of April 1, 2011)

Categories Graduate Schools	Number of graduates	Number of students going on to higher stage of education	Number of medical / dental students employed as interns	Number of those in employment	Place of employment		Others	Number of postdoctoral fellows included in counts
					Within Miyagi Prefecture	Outside Miyagi Prefecture		
Arts and Letters	33 (8)	0 (0)	— —	15 (3)	3 (1)	12 (2)	18 (5)	4 (1)
Education	8 (4)	0 (0)	— —	5 (3)	1 (1)	4 (2)	3 (1)	1 (0)
Law	6 (1)	0 (0)	— —	3 (0)	3 (0)	0 (0)	3 (1)	0 (0)
Economics and Management	13 (5)	0 (0)	— —	4 (1)	1 (0)	3 (1)	9 (4)	0 (0)
Science	66 (10)	0 (0)	— —	27 (4)	4 (0)	23 (4)	39 (6)	29 (2)
Medicine	4 (1)	0 (0)	0 (0)	4 (1)	3 (0)	1 (1)	0 (0)	0 (0)
Pharmaceutical Sciences	13 (2)	0 (0)	— —	10 (1)	2 (1)	8 (0)	3 (1)	0 (0)
Engineering	145 (12)	0 (0)	— —	103 (8)	20 (1)	83 (7)	42 (4)	17 (1)
Agricultural Science	23 (4)	0 (0)	— —	13 (2)	2 (0)	11 (2)	10 (2)	1 (1)
International Cultural Studies	10 (5)	0 (0)	— —	2 (1)	0 (0)	2 (1)	8 (4)	1 (0)
Information Sciences	24 (5)	0 (0)	— —	11 (2)	1 (0)	10 (2)	13 (3)	3 (1)
Life Sciences	26 (11)	0 (0)	— —	11 (3)	1 (0)	10 (3)	15 (8)	3 (2)
Environmental Studies	22 (5)	0 (0)	— —	12 (2)	3 (1)	9 (1)	10 (3)	4 (1)
Biomedical Engineering	7 (0)	0 (0)	— —	5 (0)	2 (0)	3 (0)	2 (0)	0 (0)
Educational Informatics Education Division	2 (1)	0 (0)	— —	1 (1)	1 (1)	0 (0)	1 (0)	0 (0)
<b>Total</b>	<b>402 (74)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>226 (32)</b>	<b>47 (6)</b>	<b>179 (26)</b>	<b>176 (42)</b>	<b>63 (9)</b>

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

2. "Others" include research students; special students; graduates preparing for the exam for National Public Service; graduates unemployed; and others.

## Post Graduation Status

### Graduate Schools (Master's Program)

(as of April 1, 2011)

Categories	Number of graduates	Number of students going on to higher stage of education	Number of medical / dental students employed as interns	Number of those in employment	Place of employment		Others
					Within Miyagi Prefecture	Outside Miyagi Prefecture	
Medicine	24 (9)	8 (2)	0 (0)	16 (7)	3 (1)	13 (6)	0 (0)
Dentistry	10 (8)	2 (2)	0 (0)	8 (6)	3 (3)	5 (3)	0 (0)
Total	34 (17)	10 (4)	0 (0)	24 (13)	6 (4)	18 (9)	0 (0)

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

2. "Others" include research students; special students; graduates preparing for the exam for National Public Service; graduates unemployed; and others.

### Graduate Schools (Doctoral Program)

(as of April 1, 2011)

Categories	Number of graduates	Number of students going on to higher stage of education	Number of medical / dental students employed as interns	Number of those in employment	Place of employment		Others	Number of postdoctoral fellows included in counts
					Within Miyagi Prefecture	Outside Miyagi Prefecture		
Medicine	104 (34)	0 (0)	0 (0)	90 (28)	56 (17)	34 (11)	14 (6)	1 (0)
Dentistry	47 (20)	0 (0)	0 (0)	35 (16)	25 (10)	10 (6)	12 (4)	1 (0)
Total	151 (54)	0 (0)	0 (0)	125 (44)	81 (27)	44 (17)	26 (10)	2 (0)

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

2. "Others" include research students; special students; graduates preparing for the exam for National Public Service; graduates unemployed; and others.

### Graduate Schools (Profession Degree Program)

(as of April 1, 2011)

Categories	Number of graduates	Number of students going on to higher stage of education	Number of medical / dental students employed as interns	Number of those in employment	Place of employment		Others
					Within Miyagi Prefecture	Outside Miyagi Prefecture	
Law	15 (1)	0 (0)	— —	14 (1)	1 (0)	13 (1)	1 (0)
Juris Doctor	98 (18)	0 (0)	— —	4 (0)	0 (0)	4 (0)	94 (18)
Accounting School	36 (11)	1 (0)	— —	7 (3)	1 (0)	6 (3)	28 (8)
Total	149 (30)	1 (0)	0 (0)	25 (4)	2 (0)	23 (4)	123 (26)

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

2. "Others" include research students; special students; graduates preparing for the exam for National Public Service; 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 Music, Japanese Chess, Calligraphy, Life Affairs

### Sport activities

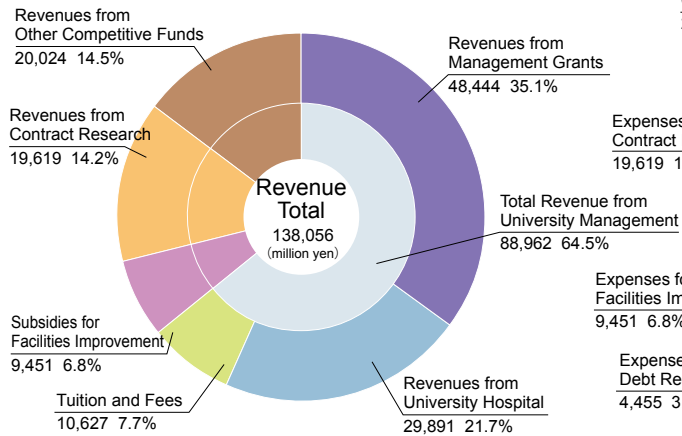
Athletic Sports, Baseball, Semi-Hardball Baseball, Tennis, Softball Tennis, Rugby Football, Volleyball, Soccer, Basketball, Table Tennis, Mountaineering, Swimming, Rowing, Yachting, Skating, Horse-Riding, Badminton, Judo, Skiing, Handball, Aviation, Kendo, Kyudo, Karate, Motorcar, Wandervogel, Golf, Aikido, Fencing, Cheering Group, Cycling, Bodybuilding, Shorinji-Kempo, Gymnastics, American Football, Orienteering, Ballroom Dance, Archery, Triathlon, Lacrosse, Ice Skating, Cart Racing, Kyokushin Karate, Sumo Wrestling, Softball



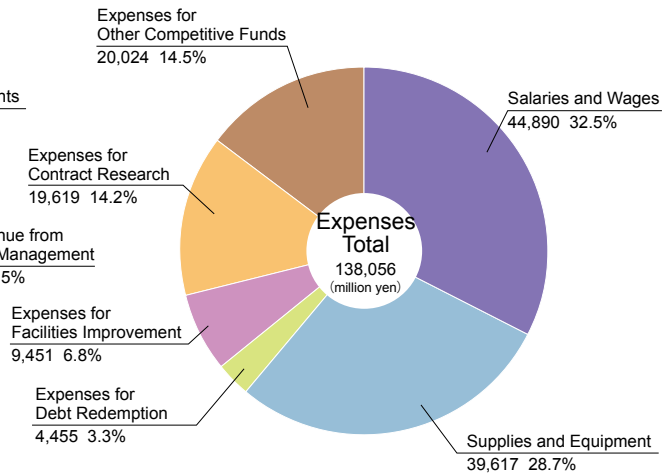
# Finance

## FY 2010 Financial Summary

### Revenue FY 2010



### Expenditure FY 2010



## Research Funds

### Grants-in-Aid for Scientific Research

(FY 2010)

Categories	Number of Projects	Amount of Grants (thousand yen)		
		Direct Expenses	Indirect Expenses	Total
Specially Promoted Research	11	941,400	282,420	1,223,820
Scientific Research on Priority Areas	53	392,490	—	392,490
Scientific Research on Innovative Areas	84	855,200	255,560	1,110,760
Scientific Research (S) or (A) or (B) or (C)	1,017	4,150,300	1,245,090	5,395,390
Challenging Exploratory Research	198	269,300	—	269,300
Grant-in-Aid for Young Scientists (S) or (A) or (B)	569	1,133,204	339,961	1,473,165
Research Activity Start-up	70	73,460	22,038	95,498
Encouragement of Scientists	11	5,920	—	5,920
Grant-in-Aid for Publication of Scientific Research Results (Scientific Literature and Databases)	6	15,000	—	15,000
Grant-in-Aid for JSPS Fellows	384	274,100	—	274,100
Grant-in-Aid for Creative Scientific Research	3	178,600	53,580	232,180
<b>Total</b>	<b>2,406</b>	<b>8,288,974</b>	<b>2,198,649</b>	<b>10,487,623</b>

### Donations and Commissioned Research

(FY 2010)

Categories	Number of Recipients	Amount Received (thousand yen)
Donations	2,904	4,089,563
Joint Research with Industry	854	2,955,661
Funds for Commissioned Research		
General Funds	355	4,619,212
Commissioned Research		
Competitive Funds	234	5,389,267
Sub Total	589	10,008,479
Sub Total	1,443	12,964,140
Academic Consulting	126	75,174
<b>Total</b>	<b>4,473</b>	<b>17,128,877</b>

(FY=Fiscal Year / Financial Year)

## Research Funds

### Other Grants

(FY 2010)

Categories	Number of Projects	Amount of Funds (thousand yen)		
		Direct Expenses	Indirect Expenses	Total
Special Coordination Funds for Promoting Science and Technology (JST)	8	859,889	257,967	1,117,856
Global COE Program (MEXT)	12	2,560,779	0	2,560,779
Grant for Promotional Expenses for Shared Research and Development Facilities (MEXT)	3	75,600	0	75,600
Grant-in-Aid for Research Base Formation, etc. (except for Global COE Program) (MEXT)	2	34,739	0	34,739
Grant for Improving Nuclear Research Environment (MEXT)	1	14,250	0	14,250
Health and Labour Sciences Research Grant (MHLW)	43	1,515,029	366,489	1,881,518
Grant for World Premier International Research Center (WPI) Initiative (MEXT)	1	1,038,462	311,538	1,350,000
Funding Program for World-Leading Innovative R&D on Science and Technology (FIRST Program) (JSPS)	2	2,184,020	232,345	2,416,365
Funding Program for Next Generation World-Leading Researchers (NEXT Program) (JSPS)	31	38,736	11,621	50,357
Grant for Strategic Support for World-Leading Innovative R&D on Science and Technology (JSPS)	6	418,567	925	419,492
Industrial Technology Research and Development Projects (NEDO)	19	226,500	67,950	294,450
Grant-in-Aid for Waste Management (MOE)	6	73,160	19,844	93,004
Grant for Research on Welfare Services for People with Disabilities (MHLW)	1	558	0	558
Grant for Intelligent Information System Research Center (Sendai City)	1	47,300	0	47,300
Subsidy for Promoting University Reform (MEXT)	8	364,313	0	364,313
Project for Support of Collaboration among Universities, etc. (KEK)	1	30,000	0	30,000
Grant for Development of Satellite-based Observation and Surveillance System (MEXT)	1	223,958	0	223,958
Grant for Promoting Long-Term Care, Health and Welfare Services for the Elderly (MHLW)	1	25,000	0	25,000
<b>Total</b>	<b>147</b>	<b>9,730,860</b>	<b>1,268,679</b>	<b>10,999,539</b>

## Notes:

JSPS: Japan Society for the Promotion of Science

JST: Japan Science and Technology Agency

KEK: High Energy Accelerator Research Organization

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



Division of Bioscience and Biotechnology for Future Bioindustries,  
Graduate School of Agricultural Sciences



Division of Medical Sciences, Graduate School of Medicine

(FY=Fiscal Year / Financial Year)

## Land and Buildings

(as of April 1, 2011)

(Unit: m<sup>2</sup>)

	Area/Size	Land			Building			
		Owned	Rented	Total	Owned	Rented	Total	
Within Miyagi Prefecture	Sendai City	Katahira	237,532	31	237,563	169,133	0	169,133
		Komegafukuro	3,231	0	3,231	512	0	512
		Kawauchi / Aobayama	2,582,709	16,394	2,599,103	437,471	0	437,471
		Seiryō	179,155	59	179,214	274,973	0	274,973
		Amamiya	92,746	0	92,746	31,297	0	31,297
		Sanjo	50,612	0	50,612	10,776	0	10,776
		Tomizawa	113,877	0	113,877	8,859	0	8,859
		Hyojogawara	18,668	0	18,668	781	0	781
		Goroku	0	399	399	26	0	26
		Akiu	0	4	4	0	20	20
		Kitanakayama	0	58	58	0	0	0
		Yagiyama	12,810	0	12,810	0	0	0
		Student Residence	40,972	0	40,972	22,660	0	22,660
		Staff Residence	80,834	0	80,834	42,458	0	42,458
		Sub Total	3,413,146	16,945	3,430,091	998,946	20	998,966
		Outside Sendai City	Zao	0	30,287	30,287	399	0
	Shichigahama		0	528	528	343	0	343
	Onagawa / Oshika		23,463	43,338	66,801	1,922	0	1,922
	Kashimadai		10,077	0	10,077	270	0	270
	Naruko / Kawatabi		18,541,862	1,568	18,543,430	18,661	0	18,661
	Natori		1,863	454	2,317	1,029	0	1,029
	Iwanuma		0	0	0	0	33	33
	Kamafusa		0	144	144	0	5	5
	Kogota		0	1,038	1,038	19	0	19
	Kesennuma		0	112	112	0	149	149
	Yoneyama		0	1,600	1,600	101	0	101
	Wakayanagi		0	100	100	12	0	12
	others		0	216	216	0	230	230
	Staff Residence		5,411	1,123	6,534	1,516	0	1,516
	Sub Total		18,582,676	80,508	18,663,184	24,272	417	24,689
	Total		21,995,822	97,453	22,093,275	1,023,218	437	1,023,655
	Outside Miyagi Prefecture		Aomori Prefecture	28,506	77,010	105,516	2,658	437
		Akita Prefecture	1,049	6,903	7,952	686	0	686
Yamagata Prefecture		0	1,593	1,593	298	0	298	
Iwate Prefecture		10,012	17,718	27,730	873	0	873	
Fukushima Prefecture		990	25,900	26,890	154	0	154	
Niigata Prefecture		0	315	315	6	0	6	
Saitama Prefecture		660	1	661	739	0	739	
Ibaraki Prefecture		4,541	12,161	16,702	5,787	0	5,787	
Tochigi Prefecture		0	695	695	70	0	70	
Gifu Prefecture		0	694	694	424	0	424	
Fukui Prefecture		0	107	107	0	0	0	
Total		45,758	143,097	188,855	11,695	437	12,132	
Grand Total			22,041,580	240,550	22,282,130	1,034,913	874	1,035,787

※The consequences of the Great East Japan Earthquake are not reflected in these figures.



# Research, Education and Society Contribution

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

Following the concept of International Advanced Materials Research Center Plan which was adopted in the framework of International Research Center Initiative (WPI Program) hosted by the MEXT, Tohoku University established the Advanced Institute for Materials Research (WPI-AIMR) in October 2007.

WPI-AIMR has gathered top-grade researchers, in the fields of physics, chemistry, materials science, bioengineering, precision mechanical engineering and electronic/informational engineering, in order to conduct interdisciplinary research which implements new innovative methods of atomic and molecular control that go beyond existing concept. Through the new method, the Center is committed to pursuing the creation of new materials and compounds and developing devices based upon them; From FY2011, in concurrence with these research activities, interdisciplinary fusion research will be accelerated with mathematics as a catalyst so as to elucidate common principles. The Center creates new fundamental paradigms and also promotes the application of research projects with the new materials and system architecture which generates direct societal impacts especially for green innovation; thus exhibiting the qualities necessary to become a world-leading international center of materials science.



WPI Laboratory Building

### Bulk Metallic Glasses

This division is dedicated to the cutting-edge research of advanced non-equilibrium metallic materials including amorphous, quasicrystalline and nanostructured metals and alloys that exhibit unique and superior physical, chemical and mechanical properties.

### Materials Physics

Exploring and understanding innovative materials for electronic devices are the key targets in the research of division.

### Soft Materials

Synthesis, characterization and evaluation of soft materials, such as organo- $\pi$ -electronic devices, gel, polymer composites, microporous polymer films, and nano-structured materials catalysts, are key issues of this division.

### Device / System

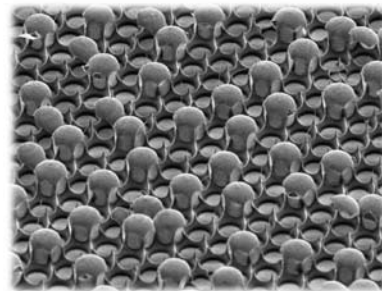
Our device/system group consists mainly of spintronics, electronics, MEMS materials and bio device laboratories. Fabrication of innovative materials and developing them to devices are key target of our group.

### Mathematics Unit

Mathematical Unit gives a viewpoint beyond various levels of hierarchy of the outcomes of materials science and builds a new scientific principle in cooperation with Groups of Bulk metallic glasses, Materials physics, Softmaterials and Device/Construction.



The electron micrograph shows a metallic glass nanowire that involves ultrahigh strength and high elasticity. The sine wave pattern demonstrates the vibration of the nanowire.



High adhesive superhydrophobic metal-polymer hybrid surfaces prepared by self-organization



## Research Programs

### Global Centers of Excellence Program (Global COE Program)

The "Global Centers of Excellence (COE) Program" was based upon and established by Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT) with results carried out on assessments and verifications of the FY2002, "21<sup>st</sup> Century COE Program". The program provides for funding support and for establishing educational and research centers which perform at the apex of global excellence, elevating international competitiveness of universities in Japan. The program is aimed to strengthen and enhance the educational and research functions of graduate schools. It is also to foster highly creative young researchers, those who become world leaders in their respective fields; through experience and practical research in the highest of world standards.

FY 2007

Program Leader	Research Fields	Program Title	Contents
<b>Life Sciences</b> Professor Noriko Osumi	Neuroscience	Basic & Translational Research Center for Global Brain Science	<p>The mission of this center is to educate and produce academics that are capable of integrating brain sciences, solving the fundamental problems of life science and/or solving various problems of social base. To accomplish our mission, we shall promote new brain science fields within and out of Japan through our cooperative research programs: (1) "Genomic Behavioral Neuroscience," ranging from genes to the behavior of animals, (2) "Embodied Cognitive Neuroscience," as understood from the mutual operations of brain functions and the body, and (3) "Interdisciplinary Brain Science," which encompasses a range of areas from environments surrounding people to the relationships among people. Moreover, we will provide outcome-oriented educational programs for the participating students to present achievements of individual goals in the fields of neurosciences. It will promote the fostering of human resources in new disciplines in Japan; researchers in the fields such as brain imaging diagnostic, mathematical neuroscience, mental illness diagnostic treatment, and neuroeconomics, educators and welfare/care workers, the developers of new drugs and health care devices, and workers in health services, who can link advancements in neurosciences to the education of society.</p>
<b>Chemistry, Material Sciences</b> Professor Masahiko Yamaguchi	Chemistry	International Center of Research & Education for Molecular Complex Chemistry	<p>The characteristic features of chemistry, in fields of natural science and technology, are its capability to adopt a bottom-up methodology regarding sizes of substances. This program is aimed at proposing various research studies, of larger molecular systems ranging from 10nm to 0.1mm, by establishing giant molecules and complex systems. The programs focus upon the study of three-dimensional and time-dependent functions of various molecular systems, and are called the research fields of "Molecular Complex Chemistry". Chemists who participate in this research field and along with this program will be involved in the next generation PhD educated of chemists, who take on leadership roles in both national and international fields of advanced chemistry and their various related sciences.</p>
<b>Chemistry, Material Sciences</b> Professor Takashi Goto	Materials Science	Materials Integration International Center of Education and Research	<p>Materials science covers the infrastructure of every industry and without its development, our society cannot progress. Tohoku University has been a world leader in materials science. However, in today's society, more global competition and collaboration in research and development are inevitably urged. The Global COE focuses on the following four research fields: (A) infrastructural and bio-materials, (B) electronic materials, (C) energy and environment-related materials, and (D) those of basic materials science. It also carries out educational activities based on materials integration concepts (creation of fields for interdisciplinary research collaboration in materials science). This education aims to foster young researchers with a multilateral viewpoint who will form the next generation of researchers. We aim to innovate new functions and materials, and to develop new materials science.</p>
<b>Information, Electrical and Electronic Sciences</b> Professor Fumiya Adachi	Electrical and Electronic Engineering	Center of Education and Research for Information Electronics Systems	<p>Believing that education and research are equally important disciplines, this center aims to foster young researchers who have a broad outlook, can create innovative science and technology, and conduct ground-breaking world-class research in wide ranging areas from basic science and technology to system applications. We will also conduct a wide range of collaborative NT/IT research from devices to information systems in order to realize a global network for human-centric communications.</p>
<b>Interdisciplinary, Combined Fields, New Disciplines</b> Professor Takami Yamaguchi	Biomedical Engineering	Global Nano-Biomedical Engineering Network Centre	<p>As is widely recognized, nano-biomedical engineering is a major key to 21<sup>st</sup> century world civilization. Tohoku University's Global COE programme, "Global Nano-Biomedical Engineering Network Centre" aims to organize nano-biomedical engineering activities within East Asian and Pacific Rim countries. While this is not literally restricted to those areas, our intention is to start organizing the most active institutions in the hope that eventually worldwide collaboration will be implemented in the most rapidly growing areas of the globe, not only in terms of economics but also science and engineering. In order to maintain that infrastructure and growth, our country and partner countries need to encourage our younger scientists and engineers to participate in the global environment.</p>
<b>Total: 5 programs</b>			

(FY=Fiscal Year / Financial Year)

## Research Programs

FY 2008

Program Leader	Research Fields	Program Title	Contents
<b>Medicine</b> Professor Yoshitomo Oka	Internal Medicine · Diabetes and Metabolism	Global COE for Conquest of Signal Transduction Diseases with "Network Medicine"	Signals function in a network rather than in a cascade, and that human homeostasis is maintained by networks. We therefore see networks in multiple levels encompassing molecules to organs, even in interactions with the environment. We will further integrate these multilayered networks in time and space, and develop innovative medicine, a new way of understanding health and diseases, which is referred to as "Network Medicine". We will strive to bring up young scientists who have a broad perspective and to go beyond existing frameworks with a pioneer spirit.
<b>Mathematics, Physics, and Earth Sciences</b> Professor Kunio Inoue	Physics	Weaving Science Web beyond Particle Matter Hierarchy	Based on the experiences of propelling international cutting-edge research in a wide range of hierarchies in the universe, this program attaches great importance to weaving interconnections between those hierarchies using the common language, mathematics, which we call "Science Web". We develop new science fields under the Science Web and also extend our interests to fields in between the hierarchy such as chemistry, biology and geoscience. We ultimately aim to understand the entire particle matter hierarchy and cooperation with Philosophy will bring a wider view necessary to reach this goal. This active collaboration and development is used to nurture talented students. Students grown with the education will create a new academic culture and contribute to a social innovation.
<b>Mathematics, Physics, and Earth Sciences</b> Professor Eiji Ohtani	Earth and Planetary Science	Global Education and Research Center for Earth and Planetary Dynamics	Tohoku University has conducted globally recognized research into the Earth and planetary science. It has many faculty members whose research interests cover a great variety of topics within these fields. In our Global COE program, we will focus on research targets in Earth and planetary dynamics and Earth environmental change through a combination of multiple disciplines. The Global COE program aims to build upon the achievements of the 21 <sup>st</sup> Century COE program (2003-2007), and to further advance our knowledge in the critical areas of Earth and planetary dynamics and Earth environmental change.
<b>Mechanical, civil engineering, architectural and other fields of engineering</b> Professor Shigenao Maruyama	General Engineering	World Center of Education and Research for Transdisciplinary Flow Dynamics	The objectives of the Global COE is to establish a world center of education and research for flow dynamics that will create unique research activities and attract and educate talented students who meet the global standard. In order to establish the world center, we will develop new fields of trans-disciplinary flow dynamics. The concept includes the integrations of different academic fields, countries, and cultures. Furthermore, we aim to train young researchers and PhD candidates that contribute to the world community of flow dynamics by developing global perspectives and academic abilities that transcend the global standard.
<b>Social Sciences</b> Professor Yoshimichi Sato	Sociology	Center for the Study of Social Stratification and Inequality	The COE is designed to expand education and research on social stratification, inequality, and disparity internationally based both on the outcomes of the Center for the Study of Social Stratification and Inequality, which was formed by the 21 <sup>st</sup> Century Center of Excellence Program, and on the Social Stratification and Social Mobility Research Project. The COE will work on four research objectives through multi-disciplinary approaches: (1) Developing exact measures of disparity; (2) Analyzing social mechanisms that produces disparity; (3) Advancing the study of the effect of disparity; and (4) Making policy recommendations to reduce disparity. The COE will cultivate young, creative scholars who are globally competitive.
<b>Social Sciences</b> Professor Miyoko Tsujimura	Law and Politics	Gender Equality and Multicultural Conviviality in the Age of Globalization	Our Global COE Program aims to establish a world-class network for education and research on the theme: "Gender Equality and Multicultural Conviviality in the Age of Globalization". Mobilizing an inter-disciplinary approach to social sciences, the strategic orientation of this Program is on public policies and policy-development, thus enabling us to build upon the substantial contributions and fruits of its predecessor, the 21st century COE program "The Law and Policy of Gender Equal Society". Furthermore, in cooperation with the Institute of Social Sciences at the University of Tokyo, and other research centers abroad, it aims to nurture the careers of emerging researchers, lawyers and policy-makers through exposure to international and interdisciplinary perspectives on the contemporary challenges of gender equality and multicultural conviviality.
<b>Interdisciplinary combined fields, new Disciplines</b> Tohru Nakashizuka	Environmental Science	Center for ecosystem management adapting to global change	We propose a new research domain based around the ecosystem principle, ecosystem technology and a socio-economic system for the adaptation of ecosystems to the unavoidable global environmental change. We plan to train not only a highly specialized scientists but also Professional Ecosystem Managers with specialized knowledge and skills to plan and manage ecosystems. We will also establish three scientific field centers for the interdisciplinary collaboration and education, and a consortium among environmental organizations for the collaboration in researches, education and outreach.
<b>Total: 7 programs</b>			

(FY=Fiscal Year / Financial Year)

## Research Programs

### Special Coordination Funds for Promoting Science and Technology

This is a Special Coordination Fund which is based upon the strategies of the Council for Science and Technology Policy. The Funds are established for, and initiate the promotion of science and technology; they are used in coordinating the comprehensive areas which arise in the key issues of science and technology. Selected programs, which utilize this Promotion Fund, show and produce effective results with government-led supports. These Programs are A) original and novel efforts found in the policies of Offices and Ministries, B) having difficulty within existing organizations due to the limits of departmental remits, C) expected to generate synergy effects, in cooperation with different organizations, D) focused on rapid and flexible actions, etc.

#### FY 2006

Program	Department	Our Designated Program Title	Contents
Independent Research Environment Promotion Program for Young Scientists	Graduate School of Engineering Institute of Development, Aging and Cancer	Program for Exploring Advanced Interdisciplinary Frontiers	This program aims to train researchers with the ability to conduct world-class research in cutting-edge fields in the competitive global environment.

#### FY 2007

Program	Department	Our Designated Program Title	Contents
Creation of Innovation Centers for Advanced Interdisciplinary Research Areas	University-wide Graduate School of Engineering	R&D Center of Excellence for Integrated Microsystems	By integrating machinery, electrics/ electronics, materials, chemistry, electron chemistry, biotechnology, medical science, etc, with its core on an integrative micro-system, the program aims to create an innovative production headquarter for the next century, in addition to establishing a research development system and a new industrial-academic collaboration model for the innovation.

#### FY 2009

Program	Department	Our Designated Program Title	Contents
Innovative Training System for Future Leaders Future Leaders Training Program for New Innovation	University-wide	ILP Innovative Leaders Platform	Having established the ILP Innovative Leaders Platform Center, this program aims to nurture doctoral and post-doctoral students with practical professional skills and interpersonal skills. Furthermore, it aims to instill practical knowhow in students through long-term internship programs at companies both inside and outside Japan, and to foster and produce human resources able to develop innovations from the results of their research.
Innovative Supporting System for Female Scientists Accelerating Innovation of Training System for Female Scientists	University-wide Office for Women Researchers	Tohoku Leading Women's Jump Up Project for 2013	This program aims to raise the skills and position of female scientists, and to foster pioneering female scientists with the broad vision over a wide range of academic fields necessary to become world leaders.

#### FY 2010

Program	Department	Our Designated Program Title	Contents
Creating Local Activate Human Resources Fostering Institutions	Graduate School of Engineering	Sendai School of Design	The Sendai School of Design was launched by the Department of Architecture and Building Science at Tohoku University in cooperation with the City of Sendai. The main objective of the Sendai School of Design is to nurture collaborative creators and producers as personnel who will help activate the local area.
Asia and Africa S&T Strategic Cooperation Promotion Program International Environment Leaders Training Program	Graduate School of Environmental Studies	Strategic Energy and Resource Management and Sustainable Solutions	This program aims at the development of a center for nurturing international environmental leaders capable of formulating international energy and resources policy and corporate strategy from wide global perspectives. Master's and doctor's students from Asia and Africa, and regional administrative officers are considered as candidates for the program.

## Education Programs

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

### Project for Fostering High-level Professionals and Technicians for University Hospital (Training of Distinguished Specialists by Mutual Cooperation between University Hospitals)

- ※ University Hospitals Cooperated Highly Skilled Professionals Training Program in FY2008-2009
- ※ Training of Medical Specialists Utilizing University Hospital to Ease the Shortage of Doctors in FY2010 (Training of Distinguished Specialists by Mutual Cooperation between University Hospitals)

We aim to cultivate medical practitioners who will work in medical fields in the future. To achieve this, we promote stimulation in university hospitals and our local community by providing financial support to high standard practitioners and clinical researchers training programs. Programs will be selected from candidates who submit applications from national, public and private university hospitals.

Year	Department	Program	Contents
FY 2008 – FY 2012	University Hospital	Highly qualified medical specialists career path supporting system in Tohoku direct (The hub and university hospitals alliance medical specialists training plan)	This program aims to train highly qualified medical specialists efficiently in the Tohoku region and streamline a consistent lifetime career path supporting system for medical practitioners. These range from medical students to trainee doctors, specialist trainee doctors and postgraduate medical students mainly based in Medical Practitioners Career Path Support Centers of University Hospitals.

## Education Programs

### Project for Fostering High-level Professionals and Technicians for University Hospital (Training of Specialized Staff for Perinatal Care)

- ※ Environmental improvement project for perinatal care (Professionals training) in FY2009
- ※ Training of Medical Specialists Utilizing University Hospital to Ease the Shortage of Doctors in FY2010 (Training of Specialized Staff for Perinatal Care)

Faced with the pressing issue of a shortage of pediatricians and obstetricians, this program aims to establish projects to train specialist perinatal staff, to provide support for university hospital initiatives, and to foster talented medical specialists and nurses with high-level knowledge and skills.

Year	Department	Program	Contents
FY 2009 – FY 2012	University Hospital	Project to Support Young / Female Perinatal Doctors	There are two purposes to this program: to actively encourage medical students and trainee doctors in order to increase the number of obstetricians and pediatricians; and to provide support for female doctors enabling them to continue working during pregnancy or return to work after childbirth. The "Birth of a New Life Project" aims to encourage medical students and trainee clinical doctors to move into perinatal care in the future through experiencing dealing with childbirth. The "Tohoku Lady Obstetrician 2009 (TOL09) Project" aims to improve working environments for female doctors enabling them to continue their careers during pregnancy, childbirth and childcare. The project also aims to realize safe and high quality perinatal care by drawing on the personal experiences of female obstetricians.

### Project for Fostering High-level Professionals and Technicians for University Hospital (Establishing System for Training of Nurses)

- ※ Plan for establishing a career system for nursing jobs in FY2009
- ※ Training of Medical Specialists Utilizing University Hospital to Ease the Shortage of Doctors in FY2010 (Establishing System for Training of Nurses)

Faced with the pressing issue of a shortage of pediatricians and obstetricians, this program aims to initiate projects to train specialist perinatal staff, to provide support for university hospital initiatives, and to foster talented medical specialists and nurses with high-level knowledge and skills.

Year	Department	Program	Contents
FY 2009 – FY 2013	University Hospital	Development of Supporting System for Nurse Career Promotion	This program aims to improve the education and practical skills of nurses through cooperation and academic discussion between the University Hospital and the School of Medicine and the development and implementation of a clinical training system. The program also aims to help nurses establish their own system to promote their career by defining a career path which enables them to remain active throughout their working life.

### Personnel recruitment to improve conditions for working conditions for doctors in university hospital

This program supports university hospital initiatives that aim to ease the workload of doctors and nurses by hiring clerical assistants for doctors and by promoting the sharing of duties between related jobs.

Year	Department	Program	Contents
FY 2011	University Hospital	Operational Improvement of University Hospital Program	Through hiring clerical assistants for doctors and helpers for nurses, this program aims to improve the safety and quality of medical treatment and reform the work sharing system of doctors and nurses. By doing this, the program aims to not only ease the workload of doctors and nurses but also establish an environment that allows them to focus on their primary work.

### Cancer Professional Training 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
FY 2007 – FY 2011	Graduate School of Medicine	Tohoku Cancer Professional Cultivation Plan	In order to enhance cancer treatment, the plan introduces a holistic educational program which trains the potential cancer specialists who are intelligent and highly skilled; it also assists those with abilities to pursue and promote practical research, both academically and holistically, and also to attain a medical license.

### Science and Mathematics Students Support Project

In order to cultivate potential science technologists, this project has been entrusted to the university's science department by the Ministry of Education, Culture, Sports, Science and Technology. It aims to establish and to facilitate the ability and knowledge of highly motivated students in the field of science and mathematics.

Year	Department	Program	Contents
FY 2008 – FY 2011	Faculty of Science	Special education for advanced mathematics and physics	The program aims to educate students with special knowledge in science and mathematics, and from an early stage, provides special education for small groups specialized in mathematics and physics; preparing them for further study in the graduate program.

We also have the original program:

### 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
FY 2005 –	Center for the Advancement of 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.

This is an extra-curricular course with a small group offering high-level mathematic lessons to highly-motivated undergraduate students.

Year	Department	Program	Contents
FY 2007 –	Center for the Advancement of Higher Education	Advanced Mathematics Course	This course will help students acquire improved abilities in mathematics, which is a basic language for not only science and technology but for all academic fields.

(FY=Fiscal Year / Financial Year)

## Endowed Chairs and Research Divisions

Endowed chairs and research divisions were established to facilitate and enhance the research and education at Tohoku University through contributions from businesses and other organisations. Endowed chairs were organized at the graduate schools and endowed research divisions were organized at the research institutes as listed below.

### Endowed Chairs

(as of May 1, 2011)

Year	Graduate School	Chair	Duration
FY 2011	Graduate School of Medicine	Upper Extremity Musculoskeletal Medicine	April 1, 2011 – March 31, 2014
FY 2011 (Continued)	Graduate School of Medicine	Hematopathology	April 1, 2011 – March 31, 2014
FY 2011 (Continued)	Graduate School of Medicine	Advanced Preventative Medicine for Infectious Disease	April 1, 2011 – March 31, 2014
FY 2011 (Continued)	Graduate School of Medicine	Nano-Medical Science	April 1, 2011 – March 31, 2014
FY 2011	Graduate School of Dentistry	Redox Regulation	April 1, 2011 – March 31, 2016
FY 2011	Graduate School of Dentistry	Next-generation Dental Materials Research	April 1, 2011 – March 31, 2014
FY 2011 (Continued)	Graduate School of Dentistry	Oral Health Care Promotion	April 1, 2011 – March 31, 2012
FY 2011 (Continued)	Graduate School of Environmental Studies	Control of Environmental Materials (DOWA Holdings)	April 1, 2011 – March 31, 2014
FY 2011 (Continued)	Graduate School of Agricultural Science	Animal Welfare	April 1, 2011 – September 30, 2013
FY 2010 (Continued)	Graduate School of Medicine	Multiple Sclerosis Therapeutics	May 1, 2010 – April 30, 2013
FY 2010	Graduate School of Medicine	Department of Regional Cooperation for Infectious Diseases	April 1, 2010 – March 31, 2013
FY 2010	Graduate School of Medicine	Human Resource Development for Perinatal Care	April 1, 2010 – March 31, 2013
FY 2010	Graduate School of Medicine	Molecular Hematology/Oncology	April 1, 2010 – March 31, 2013
FY 2010	Graduate School of Medicine	Research Division of Sciences for Aortic Disease	April 1, 2010 – March 31, 2013
FY 2010	Graduate School of Agricultural Science	Innovative Green-Technology for Sustainable and Improving Beef Production	April 1, 2010 – March 31, 2013
FY 2009	Graduate School of Medicine	Division of Surgery and Oncology	October 1, 2009 – September 30, 2012
FY 2009 (Continued)	Graduate School of Medicine	Geriatric and Complementary Medicine (Tsumura), Centre for Asian Traditional Medicine Research	October 1, 2009 – September 30, 2012
FY 2009 (Continued)	Graduate School of Medicine	Innovative Cardiovascular Medicine	October 1, 2009 – September 30, 2012
FY 2009	Graduate School of Engineering	Ecological Service Engineering (Mitsubishi Materials)	April 1, 2009 – March 31, 2012
FY 2009 (Continued)	Graduate School of Engineering	Advanced Power Engineering (Tohoku Electric Power Co., Inc.)	April 1, 2009 – March 31, 2012
FY 2009	Graduate School of Medicine	Advanced Ophthalmic Medicine	April 1, 2009 – March 31, 2012
FY 2009	Graduate School of Medicine	Bioscience for Drug Discovery	April 1, 2009 – March 31, 2012
FY 2009 (Continued)	Graduate School of Science	Laboratory of Molecular Transformation	April 1, 2009 – March 31, 2012
FY 2009	Graduate School of Pharmaceutical Science	Department of Community Pharmacy (Ohno Hikari Pharmacist)	April 1, 2009 – March 31, 2014
FY 2009 (Continued)	Graduate School of Information Science	Advanced Information Exchange Technology (KDDI Corporation)	April 1, 2009 – March 31, 2012
FY 2009	Graduate School of Medicine	Blood Pressure Research	April 1, 2009 – March 31, 2012
FY 2008	Graduate School of Medicine	Clinical Microbiology with Epidemiological Research & Management and Analysis of Infectious Diseases	February 16, 2009 – January 31, 2012
FY 2008 (Continued)	Graduate School of Medicine	Geriatric Behavioral Neurology	November 1, 2008 – March 31, 2012
FY 2008 (Continued)	Graduate School of Pharmaceutical Science	Department of Planning for Drug Development and Clinical Evaluation	April 1, 2008 – March 31, 2013
FY 2008	Graduate School of Environmental Studies	Energy Security (JAPEX)	April 1, 2008 – September 30, 2011
FY 2007	Graduate School of Medicine	Evidence-based Cardiovascular Medicine	October 1, 2007 – September 30, 2012

### Endowed Research Divisions

Year	Institute / Center	Research Division	Duration
FY 2011 (Continued)	Innovation of New Biomedical Engineering Center	Neuro-Imaging Research (Sumitomo Electric Industries, Ltd.)	May 1, 2011 – March 31, 2012
FY 2011 (Continued)	Institute of Development, Aging and Cancer	Division of Dynamic Proteome in Aging and Cancer	April 1, 2011 – March 31, 2013
FY 2011 (Continued)	Institute of Development, Aging and Cancer	Division of Cognitive Neuroscience (Kumon Educational Japan Co. Ltd.)	April 1, 2011 – March 31, 2014
FY 2011 (Continued)	Center for Interdisciplinary Research	Laboratory for Development of Fundamental Technology for GaN-based Devices	April 1, 2011 – March 31, 2013
FY 2010	Research Institute of Electrical Communication	Environmental-Adaptive Information and Communication Engineering	May 1, 2010 – April 30, 2013
FY 2010 (Continued)	Graduate School of Engineering	Division of Advanced Electric Power Technologies (Tohoku Electric Power Co., Inc.)	April 1, 2010 – March 31, 2013
FY 2010 (Continued)	Institute of Development, Aging and Cancer	Division of Anti-Infective Agents	April 1, 2010 – March 31, 2014
FY 2010 (Continued)	Institute of Multidisciplinary Research for Advanced Materials	Nitride Crystal	April 1, 2010 – March 31, 2012
FY 2009	Graduate School of Engineering	Anti-dementia functional food development	April 1, 2009 – March 31, 2014
FY 2009	Graduate School of Engineering	Strength of Materials in Environments for Energy Plant Application	April 1, 2009 – March 31, 2012
FY 2008	Innovation of New Biomedical Engineering Center	Department of Lifestyle Medicine	August 1, 2008 – July 31, 2011
FY 2008 (Continued)	New Industry Creation Hatchery Center (NICHe)	Research Department of Future Information Industry Creation	April 1, 2008 – March 31, 2012

(FY=Fiscal Year / Financial Year)

## Cooperation with Industry

### Industry-University-Government Cooperation Policy

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

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

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

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

### Joint Research Projects with Industry

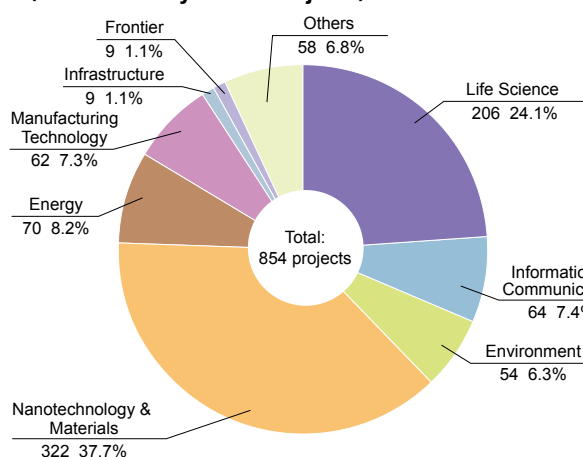
Fiscal Year	No. of Projects	Amount of Money (Unit: million yen)
2003	284	1,129
2004	392	1,675
2005	479	1,827
2006	519	2,028
2007	698	2,086
2008	786	2,459
2009	837	2,692
2010	854	2,956

### Commissioned Research

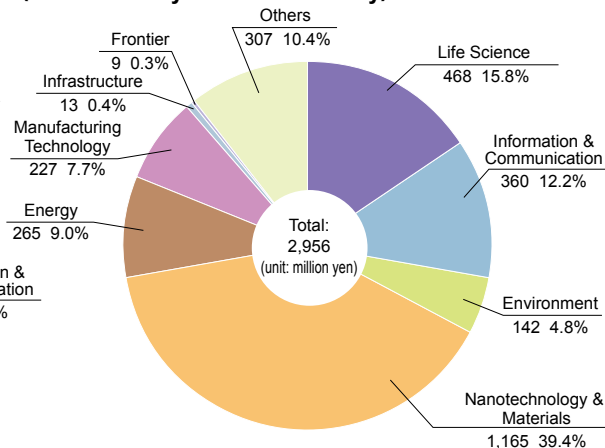
Fiscal Year	No. of Projects	Amount of Money (Unit: million yen)
2003	373	3,450
2004	456	6,149
2005	483	7,358
2006	591	7,927
2007	554	9,101
2008	596	9,131
2009	611	9,563
2010	589	10,008

### Joint Research Projects with Industry (FY 2010)

#### 〈Breakdown by No. of Projects〉



#### 〈Breakdown by Amount of Money〉



## Cooperation with Industry

### Organizational Cooperation

Tohoku University conducts organized cooperation with private enterprises, 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	Private 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	National Institute of Advanced Industrial Science and Technology (AIST)	Collaborative research in the field of environment, materials, information and telecommunication, and electronics, etc
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	Kahoku Shimpo Publishing Co.	Both parties, the educational and research functions of Tohoku University and the news coverage and information service functions of Kahoku Shimpo work together effectively and efficiently in the areas of research and investigation, event co-sponsorship and collaboration, human resource development, etc.
January 31, 2007	77 Bank, Ltd	Provide support and exchange information regarding Tohoku University-based start-ups, matching coordinates between Tohoku University's seeds and regional companies; 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.
July 1, 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 of Natural Science, 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.

## Cooperation with Community

### The Science Café

The Science Café provides an opportunity for everyone, including high school students and others, to chat over a cup of coffee with the scientists; listen to them talk about their studies, and to enjoy the fun of science and understand how it contributes to society.

### Tohoku University Innovation Fair 2010 in Sendai

Date	Program Content	Venue
October 18, 2010	Introductions and presentations were made of most-advanced research and extraordinary research by the young researchers in the fields of robotics, biomedical cooperation/life science, nanotechnology/materials, information communication, environment/energy and social science etc.	Sendai International Center



The Science Café in Akita

### 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 2010, the University organized 97 extension courses including on-demand high school classes and 2 public lectures, which were well received in various academic fields. Tohoku University has continued these educational activities made understandable for the public to strengthen cooperation with the community and for the purpose of disseminating information. As a result of these activities Tohoku University has maintained its position as a well-respected university.

## Tohoku University Alumni "Shuyukai"

Tohoku University Alumni "Shuyukai" was launched at the university's Centenary Event in 2007 to establish a basis of our university for the next century. The Shuyukai consists of 140,000 alumni students, the 18,000 students and 6,000 members of staff of our university, and family members of our students. The Shuyukai aims to promote interaction and exchange among its members and thus strengthen our bonds as a "Tohoku University community".

**Creating the "Tohoku University community" as a place for alumni members, university members and student's family members to come together.**

We hold "Home Coming Day at Tohoku University / Exchange Meeting in Kanto / Exchange Meeting in Kansai" to provide members with an opportunity to interact.

### The Tohoku University 103<sup>rd</sup> Anniversary Home Coming Day

October 9, 2010

**Shuyukai General Meeting / Seminar / Social Gathering**

Venue: Tohoku University Centennial Hall (Kawauchi Hagi Hall) / Kawauchi Sub Arena / Cafeteria

October 10, 2010

**Autumn Cultural Festival (Performance / Exhibit / Concert)**

Venue: Tohoku University Centennial Hall (Kawauchi Hagi Hall)



Lecture by novelist Shizuka Ijuin



Concert

### Local Exchange Meetings

August 22, 2010

**Kanto Regional Meeting**

Venue: Sapia Tower (Tokyo Station Conference 5<sup>th</sup> floor)

November 14, 2010

**Kyushu Regional Meeting**

Venue: Fukuoka Recent Hotel

February 19, 2011

**Kansai Regional Meeting**

Venue: Osaka International House



Kanto Regional Meeting



Kyushu Regional Meeting



Kansai Regional Meeting





# International Exchange

## University Consortia

### APRU: Association of Pacific Rim Universities

The Association of Pacific Rim Universities (APRU) was established in 1997 with aim of fostering cooperation in education, research and enterprise thereby contributing to the economic, scientific and cultural advancement in the Pacific Rim. APRU has grown rapidly to become a reputable international organization of premier research universities in the Pacific Rim. APRU is now composed of 42 universities. Tohoku University joined APRU in 2008. APRU organizes student-centric activities, research-centric activities, and human capital development activities. APRU holds annual meetings for presidents and senior staff of the APRU member universities to discuss and plan APRU's future activities.

<http://www.apru.org/>

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

The Association of East Asian Research Universities (AEARU) is a regional organization founded in January 1996, with the goals of forming a forum for the presidents of leading research-oriented universities in East Asia and of carrying out mutual exchanges between the major universities in the region. Expectations are that this regional union, on the basis of common academic and 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 East Asian region. AEARU activities include workshops, student summer camps, student sports competitions, and various types of international symposia. These activities are held throughout the year to promote mutual exchanges of ideas and information and to develop close bonds between the member universities.

AEARU is now composed of 17 universities from China (6), Japan (6), Korea (3), and Taiwan (2). Tohoku University joined AEARU in 1998 and has actively engaged in its activities as a member university.

<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 54 member institutions from 21 countries. Its main focus is master-level Double Degree Programs and it now has over 2,500 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.

In July 2008, Tohoku University was selected for the Support Program for International Cooperation and Collaboration - support for comprehensive strategy - by the Ministry of Education, Culture, Sports, Science and Technology (MEXT), for unprecedented large-scale exchange programs with T.I.M.E. member institutions.

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

## 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 and practical skills, and to foster leaders who will be active on a global scale. As a part of this program, Tohoku University has established a number of degree courses taught in English and will inaugurate more such courses soon. Other internationalization strategies are: expansion of short-term exchange programs, enhancement of the international student support system, promotion of study abroad for Tohoku University students and development of on-campus internationalization.



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

## Courses Offered in English

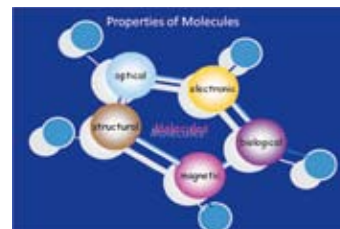
		M : Master's Program D : Doctoral Program	
	Name of the Courses	School	Year of Establishment
Undergraduate Courses	Advanced Molecular Chemistry Course	Faculty of Science	October, 2011
	Applied Marine Biology Course	Faculty of Agriculture	October, 2011
	International Mechanical and Aerospace Engineering Course – Undergraduate	School of Engineering	October, 2011
Graduate Courses (Chronological order of established year)	International Doctoral Program in Engineering, Information Sciences and Environmental Studies (D)	Graduate School of Engineering, Information Sciences, Environmental Studies	October, 2001
	International Graduate Program for Advanced Science (M/D)	Graduate School of Science	October, 2004
	International Post-Graduate Program in Human Security (M/D)	Graduate School of Medicine, Environmental Studies, Agricultural Science and International Cultural Studies	April, 2005
	International Program for Environmental Sustainability Science (M/D)	Graduate School of Environmental Studies	October, 2009
	International Program in Economics and Management (M/D)	Graduate School of Economics and Management	October, 2010
	International Mechanical and Aerospace Engineering Course – Graduate (M/D)	Graduate School of Engineering	October 2010
	International Materials Science and Engineering Course (M)	Graduate School of Engineering	October, 2010
	International Course of Life Sciences (M/D)	Graduate School of Life Sciences	April, 2011
	Information Technology and Science Course (M)	Graduate School of Information Sciences	April, 2011
	Interface Oral Health Science Course (D)	Graduate School of Dentistry	October, 2011
	International Graduate Program in Language Sciences (M)	Graduate School of International Cultural Studies	October, 2011
	Basic Medicine Course (M)	Graduate School of Medicine	April, 2012
	Network Medicine Course (D)	Graduate School of Medicine	April, 2012

As the feature of this program in FY 2011, Tohoku University is starting three new undergraduate degree courses taught in English from October.

### Advanced Molecular Chemistry (AMC)

AMC is focused on chemistry and materials science research. Students will have the opportunity to learn innovative methods for designing advanced materials, bio-inspired approaches to functional materials, materials chemistry for information technology, advanced methods for materials characterization, and organometallic chemistry. In order to prepare a graduation thesis, most students enrolled in this course will be assigned to research institutes such as IMR, IMRAM, and WPI.

URL: <http://www.sci.tohoku.ac.jp/amc/>  
Email: [amc@m.tohoku.ac.jp](mailto:amc@m.tohoku.ac.jp)



### Applied Marine Biology (AMB)

AMB is a marine science course with an emphasis on research applications to all aspects related to harvesting food from natural and aquacultured marine animals and plants. Grounded in basic sciences AMB students receive instruction and training in ecology, physiology, biochemistry, molecular biology and bioinformatics in all aspects of the Faculty of Agriculture themes of "Food, Health and Environment."

URL: <http://www.agri.tohoku.ac.jp/amb/>  
Email: [kokusai@bios.tohoku.ac.jp](mailto:kokusai@bios.tohoku.ac.jp)



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

IMAC-U is an international undergraduate course in the Department of Mechanical and Aerospace Engineering, School of Engineering. The department consists of more than 100 laboratories studying subjects such as systems design, fluid dynamics, thermal engineering, materials engineering, micro/nanotechnologies, aerospace engineering, robotics, biomedical engineering, information science, quantum science and energy, and environmental studies.

URL: <http://g30.eng.tohoku.ac.jp/imac/>  
Email: [imac-u@mech.tohoku.ac.jp](mailto:imac-u@mech.tohoku.ac.jp)



(FY=Fiscal Year / Financial Year)

### Tohoku University Day

In 2009, Tohoku University was selected as one of 13 core universities for the Global 30 project by the Ministry of Education, Culture, Sports, Science and Technology (MEXT). Tohoku University has held a series of "Tohoku University Day" events to promote the acceptance of many excellent students and student exchange programs as well as to enhance educational and research collaboration. In fiscal year 2010, "Tohoku University Day" was held at Xiamen University, Tsinghua University, and Chongqing University, China, in October and November. President Inoue, Executive Vice President Kitamura and professors from relevant Graduate Schools and Research Institutes attended these events. Having received the full cooperation of the host universities, we believe that the "Tohoku University Day" events will lead to an increase in the acceptance of international students and further expansion of exchange in education and research.



TESP Seminar on Robotics



JYPE, ICI ECP&COLABS Joint Closing Ceremony



JYPE Aikido Class

## Students Exchange Programs

### Double Degree Program with Overseas Institutions

As society becomes increasingly globalized, Tohoku University is conducting master's level double degree programs with elite institutes of higher education in France, Sweden and China to develop the next-generation of human resources. 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.

### Tohoku University Junior Year Program in English (JYPE)

The main purpose of this program is to offer international students an opportunity to take science, engineering, and agricultural science courses at Tohoku University, without having to attain proficiency in the Japanese language that would be necessary when taking the same courses in Japanese. All lectures are held in English and the course awards the same credits as equivalent courses offered in Japanese.

The core (required) course of this program is the Individual Research Training course, where students will research, with the support of research groups to which the students are assigned, in a current topic that is related to their field of studies.

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

The one-year course commences on October 1st admitting 30 students. Applicants are recommended to take the one-year course, since most classes are designed for one full year. However, some students are admitted to a 6-month course if requested.

<http://www.insc.tohoku.ac.jp/jype/index.html>

## Students Exchange Programs

### Tohoku University International Program in Liberal Arts (IPLA)

IPLA provides an opportunity for overseas students to study a variety of Liberal Arts classes including Economics, Management, Education and Literature at Tohoku University, Japan. The program also offers Japanese language and culture classes in order to provide students with an understanding of Japanese language and customs. Participating students are required to take Japanese language and culture classes and Independent Study along with the IPLA seminar where the students report their study progress and receive feedback from their colleagues. Some advanced students may take graduate level classes offered at Tohoku University.

All the classes will be taught in English including Japanese language classes.

Students who have attained adequate Japanese proficiency may take advanced Japanese language classes taught in Japanese or regular classes with Japanese students.

Culture and intellectual exchange with Japanese students is an important part of the program and is achieved through group activities and interaction with local Japanese students both in classes and as extracurricular activities.

<http://www.insc.tohoku.ac.jp/cms/index-e.cgi?pg=100915141356>

### Industrialised Countries Instrument Education Cooperation Programme (ICI ECP) and Cooperative Laboratory Study Program (COLABS)

ICI ECP and COLABS are graduate-level research oriented programs which offer an opportunity for international students from partner universities to take scientific research training in the assigned research laboratory as well as to take basic education courses taught in English. In the ICI ECP and COLABS, there is a wide range of research topics in science, engineering, information science, life science, environmental studies, biomedical-engineering, and agriculture on offer and students are encouraged to conduct their researches in new, interdisciplinary, scientific fields.

<http://www.insc.tohoku.ac.jp/cms/index.cgi?pg=70801104245>

### Summer Programs

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

TSSP is a summer program designed for undergraduate students from partner universities. It evolved from Tohoku University Summer Program (TUSP) started in 2007. The main feature of TSSP is that it is interdisciplinary. The participants can study cutting edge science and engineering research fields and social sciences in order to examine how advanced technologies can be applied to society.

#### Tohoku University Arts and Letters Summer Program (TASP)

TASP is a summer program that was newly launched in 2011. It is designed for (but not restricted to) undergraduates majoring in liberal arts and social sciences. It aims to provide students with comprehensive analytical skills, and to contribute to new growth and development in the areas of the humanities and social sciences. TASP is operated together with TSSP, so TASP participants can attend some of the TSSP lectures.

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

This program is a research oriented summer program for graduate students in the field of Engineering. It started in 2010. In 2011 the theme of the program was "Robotics". This year, after the Great East Japan Earthquake, the participants from the universities in Europe and Korea could learn the newest robotics application to the disaster operations.

TSSP, TASP Program Information

<http://www.insc.tohoku.ac.jp/cms/index-e.cgi?pg=100915145040>

TSSP, TASP, TESP Activity Report Video

<http://www.fgl.tohoku.ac.jp/movie/index2.shtml>

### 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 to adapt to their new living environments.

<http://www.insc.tohoku.ac.jp/jype/index.html>

University Level Agreements

**United Kingdom**

- Imperial College London
- The London School of Economics and Political Science, University of London
- The School of Oriental and African Studies, University of London
- \* The University of Nottingham
- \* The University of Sheffield
- The University of York

**France**

- \* École Centrale de Lille
- \* École Centrale de Lyon
- \* École Centrale de Marseille (EGIM)
- \* École Centrale de Nantes
- \* École Centrale de Paris
- \* École des Mines d'Albi-Carmaux
- \* École Normale Supérieure de Lyon
- \* École Polytechnique
- \* Global Education for European Engineers and Entrepreneurs (GE4)
- \* Institut d'Études Politiques de Lyon
- \* Institut National des Sciences Appliquées de Lyon
- \* Institut Polytechnique de Grenoble
- \* Université Bordeaux 1
- \* Université de Rennes 1
- \* Université de Strasbourg
- \* Université de Technologie Compiègne
- \* Université Joseph Fourier
- \* Université Lumière Lyon 2
- \* Université Pierre et Marie Curie (PARIS VI)
- \* Université Pierre Mendès France
- \* Université Rennes 2 Haute Bretagne
- \* Université Stendhal

**Italy**

- \* Politecnico di Torino
- \* Università degli Studi di Firenze
- Università degli Studi di Roma "La Sapienza"

**Morocco**

- \* Université Mohammed V-Agdal

**Austria**

- \* Universität Wien

**Ukraine**

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

**Iran**

- \* University of Tehran

**Belgium**

- Belgian Nuclear Research Centre (SCK · CEN)

**Switzerland**

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

**Germany**

- \* Georg-August-Universität Göttingen
- \* Rheinisch-Westfälische Technische Hochschule Aachen (RWTH Aachen)
- \* Technische Universität Berlin
- \* Technische Universität Darmstadt
- \* Technische Universität Dortmund
- \* Technische Universität Dresden
- \* Technische Universität München
- \* Universität des Saarlandes

**Sweden**

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

**Finland**

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



**South Africa**

- \* The University of KwaZulu-Natal

**India**

- \* Indian Institute of Science
- \* Indian Institute of Technology Bombay

**Thailand**

- \* Asian Institute of Technology
- \* Chulalongkorn University
- \* King Mongkut's Institute of Technology Ladkrabang
- \* Suranaree University of Technology

**Singapore**

- \* National University of Singapore

**Vietnam**

- \* Vietnam National University, Hanoi

**Indonesia**

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

(as of May 2011)

**Poland**

Institute of Catalysis and Surface Chemistry,  
Polish Academy of Sciences

**Russia**

- \* Lomonosov Moscow State University
- \* Novosibirsk State University
- Siberian Branch of the Russian Academy of Sciences

**Mongolia**

- \* Mongolian University of Science and Technology
- The Mongolian Academy of Sciences

**Canada**

- \* University of Ottawa
- \* University of Waterloo

**United States of America**

- \* Colorado School of Mines
- Harvard University
- \* Institute of International Education
- \* Pennsylvania State University
- \* Purdue University
- \* Syracuse University
- \* Temple University
- \* 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 Washington

**China**

- \* Beihang University
- \* Beijing University of Posts and Telecommunications
- \* Beijing University of Technology
- Chinese Academy of Social Sciences
- \* Chongqing University
- \* Dalian University of Technology
- \* East China Normal University
- \* Fudan University
- \* Huazhong University of Science & Technology
- \* Jilin University
- \* Lanzhou University
- \* Nanjing University
- \* Nanjing University of Aeronautics and Astronautics
- \* Northeastern University
- \* Ocean University of China (Ocean University of Qingdao)
- \* Peking University
- \* Shanghai Jiao Tong University
- \* Southeast University
- \* The Hong Kong University of Science and Technology
- \* Tianjin University
- \* Tongji University
- \* Tsinghua 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

**South Korea**

- \* 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
- \* 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
- \* Yeungnam University
- \* Yonsei University

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

**Venezuela**

- \* Universidad Simón Bolívar

**Taiwan**

- \* 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

**New Zealand**

- \* The University of Auckland

**Australia**

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

Department Level Agreements

Departments	Areas	Countries and Regions	Institutions	
Graduate School / Faculty of Arts and Letters (6)	Asia	Taiwan	College of Foreign Languages, Fu Jen Catholic University College of Liberal Arts, National Sun Yat-sen University Institute of Chinese Literature and Philosophy, Academia Sinica Institute of History and Philology, Academia Sinica	
	Europe	Italy	Faculty of Literature and Philosophy, Università degli Studi di Roma "La Sapienza" Faculty of Oriental Studies, Università degli Studi di Roma "La Sapienza"	
Graduate School / Faculty of Education (8)	Asia	China	Center of Japanese Studies, Peking University School of Education Science, Nanjing Normal University	
		South Korea	College of Health and Welfare, Woosong University College of Sciences in Education, Yonsei University Graduate School of Social Education, Myongji University	
		Taiwan	Teachers College, National Taitung University	
	Europe	UK	Institute of Education, University of London The Department of Educational Studies, The University of York	
	Asia	China	Institute of Law, Chinese Academy of Social Sciences	
Graduate School / School of Law (7)	South Korea	College of Social Sciences, Kookmin University		
	Central and South America	Brazil	Faculty of Law and LL.M. Program, Federal University of Rio Grande do Sul	
	Europe	Germany	Faculty of Law, Universität Heidelberg Faculty of Law, Georg-August-Universität Göttingen	
		Italy	Faculty of Law, Università degli Studi di Milano	
Poland	Faculty of Law, Maria Curie-Skłodowska University			
Graduate School of Economics and Management / Faculty of Economics (10)	Asia	China	College of Finance, Hunan University School of Accounting, Dongbei University of Finance and Economics School of Business, Renmin University of China	
		Taiwan	College of Social Sciences, National Chengchi University School of Business, National Taipei University School of Business, Soochow University	
		Thailand	Faculty of Management Science, Khon Kaen University Thai-Nichi Institute of Technology	
		Vietnam	Faculty of International Economics, Foreign Trade University	
	Europe	UK	Faculty of Social Sciences, University of Leicester	
	Graduate School / School of Science (28)	Asia	China	Graduate School of Chemical Engineering, Dalian University of Technology Lanzhou University School of Environmental Sciences and Engineering, Sun Yat-Sen University Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences South China Sea Institute of Oceanology, Chinese Academy of Sciences
			Indonesia	Faculty of Fisheries and Marine Sciences, Diponegoro University
South Korea			Graduate School of Natural Sciences, Sungkyunkwan University Graduate School, Kongju National University	
Taiwan			Institute of Earth Sciences, Academia Sinica	
Thailand			Faculty of Economics, Chulalongkorn University Faculty of Science, Chulalongkorn University School of Physics, Institute of Science, Suranaree University of Technology	
Europe			Belgium	Faculty of Sciences, Université catholique de Louvain
Denmark			University of Copenhagen	
France			Ecole Normale Supérieure de Lyon	
Germany		Collaborative Research Center 701, Universität Bielefeld Faculty of Chemistry, Georg-August-Universität Göttingen Faculty of Science, Universität Heidelberg		
Netherlands		Faculty of Biology, Utrecht University		
Russia		Institute of Automation and Control Processes, Far-Eastern Branch of the Russian Academy of Sciences V. I. Il'ichev Pacific Oceanological Institute, Far-Eastern Branch of the Russian Academy of Sciences V.S. Sobolev Institute of Geology and Mineralogy, Siberian Branch of the Russian Academy of Sciences		
UK		School of Chemistry, Physics and Environmental Science, University of Sussex		
North America		U. S. A.	Geophysical Laboratory, Carnegie Institution of Washington University of Alaska Fairbanks University of Illinois at Chicago	
Oceania	Australia	Faculty of Science, University of Melbourne		
New Zealand	Institute of Geological and Nuclear Sciences Limited			
Graduate School / School of Medicine (8)	Asia	China	Beijing Hospital Chinese Medical University Harbin Medical University	
		Mongolia	Mongolian Academy of Medical Sciences	
		Philippines	San Lazaro Hospital	
		South Korea	School of Health and Welfare, Woosong University	
	Europe	Czech	Faculty of Medicine, Masaryk University	
	Oceania	Australia	School of Nursing, Faculty of Health, Queensland University of Technology	
Graduate School / School of Dentistry (8)	Asia	China	Dental College and Dental Hospital, Tianjin Medical University West China College of Stomatology, Sichuan University	
		South Korea	College of Dentistry, Chonnam National University	
	Europe	Finland	Institute of Dentistry, Faculty of Medicine, University of Oulu	
		Sweden	Department of Odontology, University of Umeå	
	UK	King's College London Dental Institute		
	North America	Canada	Faculty of Dentistry, University of British Columbia	
		U. S. A.	The Forsyth Institute	
Graduate School of Pharmaceutical Sciences / Faculty of Pharmacy and Pharmaceutical Sciences (4)	Asia	China	West China School of Pharmacy, Sichuan University	
		South Korea	College of Pharmacy, Chungbuk National University College of Pharmacy, Sung Kyun Kwan University	
	Europe	Italy	Faculty of Pharmacy, Università degli Studi di Milano	



(as of May 2011)

Departments	Areas	Countries and Regions	Institutions	
Graduate School / School of Engineering (72)	Asia	China	College of Engineering, Chongqing University	
			Engineering Department, Zhejiang University	
			Graduate School, Dalian University of Technology	
			Harbin Institute of Technology	
			Hebei Polytechnic University	
			Institute of Chemistry, Chinese Academy of Sciences	
			Northeastern University (Northeast Institute of Technology)	
			School of Mechanical and Power Engineering, East China University of Science and Technology	
			University of Electronic Science and Technology of China	
			Xidian University	
		India	National Chemical Laboratory	
		Indonesia	Indonesian Institute of Sciences	
			Institute of Technology Bandung (ITB)	
			Sepuluh Nopember Institute of Technology (ITS)	
		Philippines	Iligan Institute of Technology, Mindanao State University	
		Singapore	College of Engineering, Nanyang Technological University	
		South Korea	College of Engineering and Graduate School, Hanyang University	
			College of Engineering, Chonbuk National University	
			College of Engineering, Chonnam National University	
			College of Engineering, Chungnam National University	
			College of Engineering, Kyungpook National University	
			College of Engineering, Seoul National University	
			College of Engineering, Yeungnam University	
			College of Engineering, Yonsei University	
			Graduate School, College of Engineering, College of Architecture, College of Information and Telecommunications, College of Life and Environmental Science, Konkuk University	
			Pukyong National University (National Fisheries University of Pusan)	
		Taiwan	College of Science, National Changhua University of Education	
			Industrial Technology Research Institute South	
		Thailand	Faculty of Engineering, King Mongkut's University of Technology Thonburi	
			Faculty of Engineering, Prince of Songkla University	
			Sirindhorn International Institute of Technology, Thammasat University	
			Thai-Nichi Institute of Technology	
		Vietnam	Hanoi University of Technology	
			Institute of Materials Science, Vietnamese Academy of Science and Technology	
			University of Science, Vietnam National University - Ho Chi Minh City	
			Water Resources University	
		Central and South America	Chile	University of Atacama
				University of Concepcion
			Mexico	Instituto Politécnico Nacional
		Europe	Belgium	Faculté d'Architecture La Cambre, Horta de l'Université Libre de Bruxelles
			Czech	VSB-Technical University Ostrava
			Denmark	Center for Teleinfrastructur (CTIF), Aalborg University
				Technical University of Denmark
			Finland	Faculty of Telecommunication and e-Business, Turku University of Applied Sciences
			France	École Nationale Supérieure d'Architecture de Montpellier
École Nationale Supérieure d'Electronique, Informatique et Radiocommunications de Bordeaux				
École Nationale Supérieure des Mines de Saint-Etienne				
Engineering School "French Institute for Advanced Mechanics" IFMA				
Institut National des Sciences Appliquées de Toulouse				
	Université de Metz			
	Université de Technologie de Troyes			
Germany	Department of Physics, Universität Regensburg			
	Faculty of Engineering Sciences, Friedrich-Alexander-Universität Erlangen-Nürnberg			
	Faculty of Mechanical Engineering, Faculty of Mining, Metallurgy and Geosciences, RWTH Aachen			
	Institute of Microsystem Technology, Albert-Ludwigs-Universität Freiburg			
	Technische Universität Hamburg-Harburg			
Italy	Faculty of Information Engineering, Università degli Studi di Roma "La Sapienza"			
Slovenia	Engineering Related Four Faculties, University of Ljubljana			
Sweden	Chalmers University of Technology			
	KTH Royal Institute of Technology			
	The Institute of Technology, Linköping University			
Switzerland	Swiss Federal Institute of Technology at Lausanne			
UK	School of Mechanical, Aerospace and Civil Engineering, Faculty of Engineering and Physical Sciences, The University of Manchester			
Middle and Near East	Iran	Engineering School, Shiraz University		
North America	Canada	Faculty of Engineering, University of Waterloo		
	U. S. A.	Bioacoustics Research Laboratory, College of Engineering, University of Illinois		
		College of Engineering, Georgia Institute of Technology		
		College of Engineering, University of Washington		
		College of Engineering, University of Wyoming		
		Illinois Institute of Technology		
		The Grove School of Engineering, The City College of New York		
	Faculty of Engineering and Information Technology, Griffith University			
Oceania	Australia	College of Animal Science and Technology, Yangzhou University		
Graduate School of Agricultural Sciences / Faculty of Agriculture (14)	Asia	China	Fisheries College, Ocean University of China	
			Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences	
			Shanghai Ocean University	
		Indonesia	Graduate School, Padjadjaran University	
		South Korea	College of Agriculture, Jeju National University	
		Taiwan	College of Public Health and Nutrition, Taipei Medical University	
	Thailand	Faculty of Agriculture, Kasetsart University		
		Faculty of Fisheries, Kasetsart University		
		Faculty of Science, Kasetsart University		
	Europe	Hungary	Faculty of Agricultural and Environmental Science, Szent István University	
		Italy	Department of Experimental Medicine, University of L'Aquila	
		Spain	Faculty of Agriculture, University of Vigo	
Sweden		Faculty of Agriculture, Landscape Planning and Horticulture / Faculty of Veterinary Medicine, Swedish University of Agricultural Sciences		

## Agreements on Academic Exchange with Foreign Institutions

### Department Level Agreements (Continued)

Departments	Areas	Countries and Regions	Institutions	
Graduate School of International Cultural Studies (2)	Europe	Kyrgyz	International University of Kyrgyzstan	
		Uzbekistan	Tashkent State University of Economics	
Graduate School of Information Sciences (15)	Asia	China	School of Computer Science & Technology, Harbin Institute of Technology	
			School of Information and Communication Engineering, Beijing University of Posts and Telecommunications	
			School of Public Administration, Renmin University of China	
		Taiwan	College of Social Sciences, National Taipei University	
			School of Informatics, Kainan University	
	Europe	Thailand	The College of Public Affairs, National Taipei University	
		Sirindhorn International Institute of Technology (SIIT), Thammasat University		
		France	Télécom Paris Tech (Ecole Nationale Supérieure des Télécommunications)	
		Germany	Karlsruher Institut für Technologie	
		Iceland	School of Computer Science, Reykjavik University	
		Italy	Faculty of Engineering, University of Basilicata	
		Faculty of Information Engineering, Università degli Studi di Roma "La Sapienza"		
		Volterra Center, The University of Rome "Tor Vergata"		
Poland	Faculty of Mathematics and Computer Science, University of Wrocław			
North America	Canada	Faculty of Engineering, University of Victoria		
Graduate School of Life Science (4)	Asia	South Korea	College of Agricultural and Life Science, Suncheon National University	
	Europe	Czech	Faculty of Science, Masaryk University	
		UK	The Faculty of Life Sciences and The Faculty of Biomedical Sciences, University College London	
		Netherlands	Faculty of Biology, Utrecht University	
Graduate School of Environmental Studies (4)	Asia	Indonesia	Institute of Technology Bandung (ITB)	
		South Korea	Gwangju Research Center, Korean Institute of Industrial Technology	
	Europe	Germany	Leibniz Institute for Applied Geophysics	
		Uzbekistan	Tashkent State University of Economics	
Graduate School of Biomedical Engineering (1)	Europe	Netherlands	Thorax Centre ErasmusMC, Erasmus University Rotterdam	
Graduate School of Educational Informatics Research Division (1)	Asia	Thailand	Faculty of Education, Chulalongkorn University	
Institute for Materials Research (47)	Africa	Egypt	Assiut University	
	Asia	China	Faculty of Material Science & Chemistry Engineering, China University of Geosciences	
			The Hong Kong University of Science and Technology	
			Institute of Metal Research, Chinese Academy of Sciences	
			Institute of Physics, Chinese Academy of Sciences	
			Institute of Solid State Physics, Chinese Academy of Sciences	
			School of Materials Science and Engineering, Beihang University	
			School of Materials Science and Engineering, Dalian University of Technology	
			School of Materials Science and Engineering, Tianjin University	
			Shanghai Institute of Ceramics, Chinese Academy of Sciences	
			Tsinghua University	
			Wuhan University of Technology	
			Singapore	Singapore Institute of Manufacturing Technology
			South Korea	Atomic Scale Surface Science Research, Yonsei University
				Ceramic Material Research Institute, Hanyang University
				College of Engineering, Inha University
				College of Engineering, Korea Maritime University
				Department of Metals and Materials Engineering, Sungkyunkwan University
				Division of Materials Science and Engineering, College of Engineering, Korea University
				Electronic Components Materials Design Education Center (EMDEC), Korea Advanced Institute of Science and Technology
		Institute for Basic Science, Changwon National University		
		Institute for Materials Technology, Pusan National University		
		Korea Institute of Science and Technology		
		Research Center for Electronics Ceramics, Dong-eui University		
		Research Institute of Industrial Science and Technology (RIST)		
		Research Institute of Industrial Technology, Pusan National University		
		Taiwan	College of Engineering, National Taiwan University	
		Materials Research Laboratories, Industrial Technology Research Institute		
	Europe	Belgium	Materials Research Department, Belgian Nuclear Research Centre (SCK · CEN)	
		France	Ecole des Mines de Saint-Etienne, Centre Matériaux et Structures	
			Institut National Polytechnique de Lorraine	
			Laboratoire de Physico-Chimie des Matériaux Luminescents, Université de Claude Bernard-Lyon I	
		Laboratoire de Thermodynamique et Physico-Chimie Métallurgique, Institut Polytechnique de Grenoble		
Germany		Institute für Materialphysik, Georg-August-Universität Göttingen		
		Karlsruher Institut für Technologie (Institute for Microstructure Technology Forschungszentrum Karlsruhe GMBH)		
		Max-Planck Institut für Metallforschung		
Italy		Department of Physics, University of Pisa		
Poland		Institute of Electronic Materials Technology		
Institute of Physics, Polish Academy of Sciences				
Institute of Vacuum Technology				
Russia	General Physics Institute, Russian Academy of Sciences			
Slovenia	Jozef Stefan Institute, Ljubljana			
UK	Department of Electronics, The University of York			
North America	U. S. A.	Division of Engineering and Applied Sciences, Harvard University		
		Geballe Laboratory for Advanced Materials, Stanford University		
		School of Engineering & Applied Science, University of Pennsylvania		
		University of California, Santa Barbara		
Institute of Development, Aging and Cancer (6)	Asia	China	Liaoning Cancer Hospital and Liaoning Cancer Institute	
	Central and South America	Cuba	Cuban Neuroscience Center	
		Czech	Faculty of Medicine, Masaryk University	
	North America	Russia	Smolensk State Medical Academy	
		Canada	Montreal Neurological Institute, McGill University	
		U. S. A.	The Biocoustics Research Laboratory, College of Engineering, University of Illinois	

(as of May 2011)

Departments	Areas	Countries and Regions	Institutions
Institute of Fluid Science (25)	Asia	China	College of Mechanical and Electrical Engineering, Nanjing University of Aeronautics and Astronautics
			Department of Hydraulic and Hydropower Engineering, Tsinghua University
			Institute of Physics, Chinese Academy of Sciences
		Singapore	Faculty of Engineering, National University of Singapore
			School of Mechanical and Aerospace Engineering, Nanyang Technological University
	Europe	South Korea	College of Engineering, Sungkyunkwan University
		Taiwan	National Nano Device Laboratories, National Applied Research Laboratories
		Czech	Institute of Plasma Physics, Academy of Sciences of the Czech Republic
		France	Institut National des Sciences Appliquées de Lyon
		Germany	Karlsruher Institut für Technologie (Institute for Fluid Mechanics, University of Karlsruhe)
		Greece	School of Mechanical Engineering, National Technical University of Athens
		Hungary	Faculty of Chemical Technology and Biotechnology, Budapest University of Technology and Economics
			Faculty of Pharmacy, Semmelweis University
			Research Institute for Technical Physics and Materials Science of the Hungarian Academy of Sciences
		Italy	Faculty of Engineering, University of Trieste
		Romania	Faculty of Electrical Engineering, "Polytechnica" University of Bucharest
	Russia	Institute of Power Mechanical Engineering and Mechanics, Moscow Power Engineering Institute (Technical University)	
		Institute of Theoretical and Applied Mechanics, Russian Academy of Science	
	UK	College of Aeronautics, Cranfield University	
	North America	Canada	Institute for Aerospace Studies, University of Toronto
U. S. A.		College of Engineering, Syracuse University	
Oceania		College of Engineering, University of Kentucky	
		George R. Brown School of Engineering, Rice University	
Research Institute of Electrical Communication (5)	Australia	Faculty of Engineering, University of New South Wales	
	Asia	Institute of Semiconductors, Chinese Academy of Sciences	
	Europe	France	The Interdisciplinary Center on Nanoscience of Marseille, National Center of Scientific Research
		Germany	IHP-Innovations for High Performance Microelectronics
	Poland	Institute of Physics, Polish Academy of Sciences	
North America	U. S. A.	WINLAB (Wireless Network Laboratory), Rutgers University	
Institute of Multidisciplinary Research for Advanced Materials (27)	Asia	China	Center for Nanoscale Science and Technology, Peking University
			Changchun Institute of Optics, Fine Mechanics and Physics, Chinese Academy of Sciences
			College of Material Science and Engineering, Huaqiao University
		South Korea	College of Materials Engineering, Zhengzhou University
			Northeastern University (Northeast Institute of Technology)
	Europe	South Korea	Advanced Materials & Process Research Center for IT, Sungkyunkwan University
			Institute of Hybrid Materials for Information and Biotechnology, Hannam University
		Taiwan	Industrial Technology Research Institute South
		Thailand	Faculty of Science, Chiang Mai University
		France	École des Mines d'Albi-Carmaux
		Germany	Department of Physics, Free University of Berlin
			Institut für Festkörperphysik, Friedrich-Schiller-Universität Jena
			Institute for Crystal Growth
			Max-Planck-Institut für Kernphysik
		Italy	Sincrotrone Trieste, S. C. p. A.
		Romania	National Institute for Laser, Plasma and Radiation Physics
	Russia	Institute of Automation and Control Processes, Far Eastern Branch of the Russian Academy of Sciences	
		Institute of Solid State Physics, Russian Academy of Sciences	
		Research Institute of Nuclear Physics, Tomsk Polytechnic University	
		P. N. Lebedev Physical Institute, Russian Academy of Sciences	
UK	Science and Technology Facilities Council, Daresbury Laboratory (Daresbury Laboratory, Council for the Central Laboratory of the Research Councils)		
Ukraine	Institute for Problems of Materials Science, National Academy of Science of Ukraine		
North America	Canada	Department of Metallurgy and Materials Science, University of Toronto	
		McGill Metal Processing Center, McGill University	
	U. S. A.	Department of Chemistry, Columbia University	
	Department of Earth and Environmental Engineering, Fu Foundation School of Engineering and Applied Science, Columbia University		
	Department of Metallurgical Engineering, University of Utah		
Center for Northeast Asian Studies (10)	Asia	China	Guangdong Institute of Ethnology
			Mongolia Study Institute, Inner Mongolia Normal University
		School of Mongolian Studies, Inner Mongolia University	
	Mongolia	Geoscience Center, Mongolian University of Science and Technology (Geoscience Center, Mongolian Technical University)	
	South Korea	Center of Japanese Studies, Korea University	
		Chinese Studies Institute, Korea University	
Europe	Russia	Economic Research Institute, Russian Academy of Sciences Far Eastern Division	
		Institute of the Humanities and the Indigenous Peoples of the North, Siberian Branch of the Russian Academy of Sciences (Institute of Humanities, Academy of Sciences of the Republic of Sakha (Yakutia), Russian Federation)	
		Ugra Research Institute of Information Technologies	
	V. N. Sukachev Institute of Forest, Siberian Branch of the Russian Academy of Sciences		
Cyclotron and Radioisotope Center (1)	Asia	Taiwan	Institute of Physics, Academia Sinica
New Industry Creation Hatchery Center (NICHe) (1)	North America	U. S. A.	The University of Arizona
Center for Interdisciplinary Research (3)	Asia	China	Shanxi Economic Management Cadre College
		South Korea	Institute of Industrial Technology, Changwon National University
	North America	U. S. A.	Center for Integrated Systems, Stanford University
WPI Advanced Institute for Material Research (6)	Asia	China	Institute of Chemistry, Chinese Academy of Sciences
		South Korea	School of Science, The Hong Kong University of Science and Technology
		World Class University (WCU) : Division of Advanced Materials Science (AMS), Pohang University of Science & Technology (POSTECH)	
	Europe	UK	Faculty of Mathematical and Physical Sciences (MAPS), University College London
		The Department of Materials Science and Metallurgy (MSM), University of Cambridge	
North America	U. S. A.	College of Science, Texas A&M (Agricultural & Mechanical) University	





# Number of International Students

(as of May 1, 2011)

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

Areas	Countries and Regions	Funding Status						Total	Student Levels											
		Japanese Government Scholarships		Private Means					Undergraduates	Graduates			Research Students			Others				
		Male	Female	Foreign Government Funds		Others				Master's Program	Doctoral Program (4-year course)	Undergraduate Schools	Graduate Schools	Research Institutes	Intensive Japanese Language Program	Special Auditors (Undergraduates)	Special Auditors (Graduates)	Special Research Students	Special Students	
				Male	Female	Male	Female													
Asia 1,294 (86.3%)	Bangladesh	13	1			6	4	24	1	2	15	4		1	1					
	Brunei		1					1			1									
	Cambodia	2	1					3	3											
	China	40	17	17	10	336	385	805	31	410	201	21	87	7	16		20		12	
	India	8	1			3	1	13	1	1	9	1								
	Indonesia	19	10	5	2	12	9	57	5	17	27	3	1			1	3			
	Malaysia	3	5	20	15	4		47	29	4	10	1	1	1		1				
	Mongolia	5	8			1	5	7	26	7	3	10	1	3	1	1				
	Myanmar	1	2				1	4			3		1							
	Nepal	3				1		4	1	2	1									
	Pakistan	2				1		3			2					1				
	Philippines	7	2				1	10		2	5	1		2						
	South Korea	30	11	2		98	50	191	34	46	95	3	2	1	2		7		1	
	Sri Lanka		3					3			2						1			
	Taiwan					20	20	40	1	13	13	1	5				5		2	
	Thailand	7	8	2	1	4	9	31	2	9	11			1	1	2	5			
	Vietnam	14	3	1		8	6	32	10	8	12						2			
	Middle and Near East 39 (2.6%)	Bahrain	1						1		1									
		Iran	5	2			3	6	16		6	7	2	1						
Jordan			1					1								1				
Oman		1						1			1									
Palestine		1						1			1									
Saudi Arabia				2				2			2									
Turkey		7	1	1		5	1	15		4	10			1						
Yemen		2						2		1	1									
Africa 28 (1.9%)	Cameroon					1		1		1										
	Congo	2						2			1	1								
	Egypt	2		2		2	2	8		2	4	2								
	Ethiopia	2						2		1	1									
	Ghana		1					1		1										
	Kenya		1					1	1											
	Libya	4						4			1	3								
	Morocco	1				1		2			2									
	Mozambique	1						1			1									
	Nigeria	1						1			1									
	Sierra Leone	1						1								1				
	Sudan	1						1		1										
	Tanzania	1						1			1									
	Uganda					1		1		1										
	Zambia	1						1									1			
Oceania 4 (0.3%)	Australia	1				1		2		1			1							
	Solomon Islands	1						1								1				
	Tonga		1					1								1				
North America 18 (1.2%)	Canada	1						1								1				
	U.S.A.	3	1			11	2	17	1	6	6						4			
Central and South America 37 (2.5%)	Bolivia		1			1		2					1			1				
	Brazil	8	1			2		11	2	2	3	3				1				
	Chile	1						1		1										
	Colombia	1				1		2			2									
	Cuba					1		1			1									
	Ecuador	1						1		1										
	Honduras	2						2		1							1			
	Mexico	4	1					5		2	2						1			
	Nicaragua						1	1				1								
	Panama	1	1					2		1	1									
	Peru	5						5	1	1	1						2			
	Venezuela	2	1			1		4		3			1							
	Europe 78 (5.2%)	Albania					1		1	1										
Austria			1					1			1									
Azerbaijan						1		1		1										
Bosnia and Herzegovina								1		1										
Bulgaria		2						2		1			1							
Danmark						1		1									1			
Estonia			1					1		1										
Finland						2	1	3									3			
France		1				12	1	14		1	8						1	1	3	
Germany						3	2	5			3						1	1	1	
Hungary		2	1					3			1		1				1			
Iceland		2						2		1						1				
Ireland						1		1			1									
Italy						2	2	4			2								2	
Kyrgyzstan			1			1		2		1			1							
Lithuania								1	1											
Norway		1						1			1									
Poland		1	1			1	1	4			1	1		1			1			
Portugal			1					1							1					
Romania		1	1					3	1	1	1									
Russia		1	3			1		5	1	3								1		
Slovakia			1					2	1		3		1							
Spain						2		2			1								1	
Sweden					10	2	12			1							5	6		
Turkmenistan		1					1			1										
UK	2				1		3			1	2									
Uzbekistan							1	1												
Total		234	98	52	29	568	517	1,498	135	569	487	53	104	19	22	19	61	3	26	

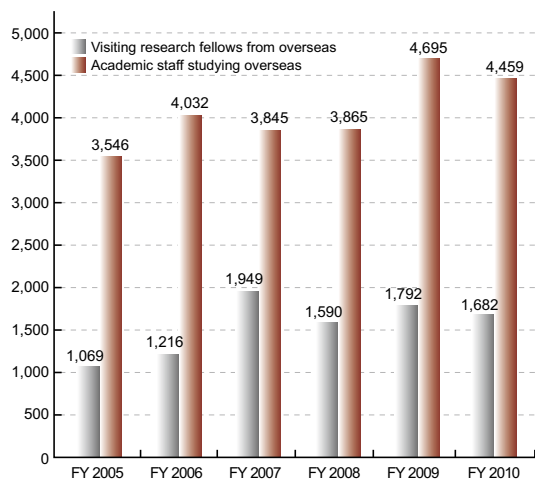
(as of May 1, 2011)

## Number of International Students by Disciplines

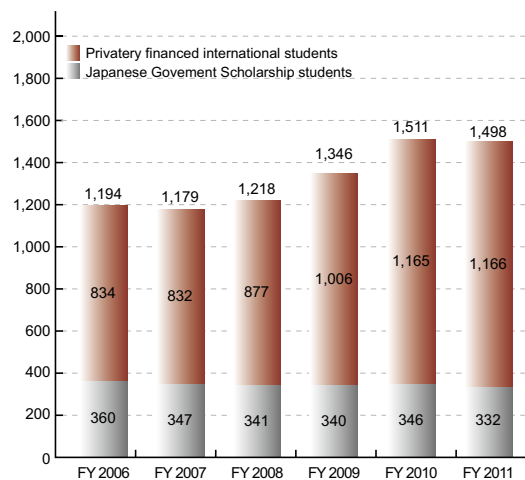
Areas	Divisions		Countries and Regions																													
	Total	Arts and Letters	Education	Law	Economics and Management	Science	Medicine	Dentistry	Pharmaceutical Sciences	Engineering	Agricultural Science	International Cultural Studies	Information Sciences	Life Sciences	Environmental Studies	Biomedical Engineering	Educational Informatics	Institute for Materials Research	Institute of Development, Aging and Cancer	Institute of Fluid Science	Research Institute of Electrical Communication	Research Institute of Advanced Materials	Institute of Multidisciplinary Research for Advanced Materials	Center for Northeast Asian Studies	Center for Interdisciplinary Research	Center for the Advancement of Higher Education	Center for Interdisciplinary Research	WPI Advanced Institute for Materials Research (WPI-AMR)				
Asia	Bangladesh	24	1		2	5	5		2	6			1	1														1				
	Brunei	1					1																									
	Cambodia	3			1				1	1																						
	China	805	74	15	26	117	42	49	5	20	173	39	77	65	11	46	8	18	4	3	2	2	3	6								
	India	13				1	1	1		1	7				1	1													1			
	Indonesia	57	6			2	7	3			24	5		3	5	1													1			
	Malaysia	47				4	2	1		1	33	2	1		1	1												1				
	Mongolia	26	1	3		5	3	1			3	1	5	1		2										1						
	Myanmar	4									2		1			1																
	Nepal	4					1				2			1																		
	Pakistan	3				1	1																						1			
	Philippines	10					1	1			1	3		2	1	1																
	South Korea	191	13	5	4	14	8	8	3	2	92	5	16	8	3	5	2	1					1	1								
	Sri Lanka	3	1								1					1																
	Taiwan	40	9	4		3	2	3			8	2	8			1																
	Thailand	31	4			5	2	1			9	1	4	1	1									1					2			
	Vietnam	32				5	4			2	16		1	2	2																	
Middle and Near East	Bahrain	1											1																			
	Iran	16	2				3	3	1	4			1	1		1																
	Jordan	1									1																		1			
	Oman	1									1																					
	Palestine	1						1																								
	Saudi Arabia	2							2																							
	Turkey	15					1				9		1	2	1	1																
Yemen	2				1					1																						
Africa	Cameroons	1						1																								
	Congo	2						1		1																						
	Egypt	8					1	3						1	3																	
	Ethiopia	2					1			1																						
	Ghana	1								1																						
	Kenya	1								1																						
	Libya	4						3			1																					
	Morocco	2								2																						
	Mozambique	1											1																			
	Nigeria	1								1																						
	Sierra Leone	1																													1	
	Sudan	1										1																				
	Tanzania	1											1																			
	Uganda	1									1																					
Zambia	1																													1		
Oceania	Australia	2					1		1																							
	Solomon Islands	1																												1		
	Tonga	1																												1		
North America	Canada	1																												1		
	U.S.A.	17	2			3				7	2	2				1																
Central and South America	Bolivia	2													1														1			
	Brazil	11	1			1	3			2					1	1	1												1			
	Chile	1											1																			
	Colombia	2								2																						
	Cuba	1												1																		
	Ecuador	1													1																	
	Honduras	2									1																			1		
	Mexico	5				1	1							1		1														1		
	Nicaragua	1						1																								
	Panama	2				1					1																					
Peru	5				1					2																				2		
Venezuela	4				1					1			1		1																	
Europe	Albania	1			1																											
	Austria	1											1																			
	Azerbaijan	1																														
	Bosnia and Herzegovina	1								1																						
	Bulgaria	2				1							1																			
	Denmark	1						1																								
	Estonia	1			1																											
	Finland	3						1			2																					
	France	14	1		4	1					4	1	2				1															
	Germany	5			2		1				1			1																		
	Hungary	3	1																													
	Iceland	2	1																												1	
	Ireland	1			1																											
	Italy	4	2		1		1																									
	Kyrgyzstan	2	1			1																										
	Lithuania	1					1																									
	Norway	1									1																					
	Poland	4	1		1			1						1																		
	Portugal	1																														
	Romania	3						1			1		1																			
Russia	5	2			3																											
Slovakia	2					1	1																									
Spain	2									2																						
Sweden	12	3				4				1	1	1			2																	
Turkmenistan	1					1																										
UK	3	1		1							1																					
Uzbekistan	1															1																
Total	1,498	127	27	42	171	102	92	12	29	431	59	120	103	23	79	16	20	4	3	2	3	5	7	1	19	1						

## Statistics on Personnel Exchange

### Academic Exchange



### Number of International Students



## Overseas Offices

### Liaison Offices

Institution (Location)	Country (Starting Date)	Liaison Office	Department / Institute of TU
① Siberian Branch of Russian Academy of Sciences (Novosibirsk Science Center)	Russia (September 22, 1997)	Joint Laboratory of Interdisciplinary Projects for Tohoku University and Siberian Branch of Russian Academy of Sciences, Novosibirsk Office	Center for Northeast Asian Studies
② 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
③ Moscow State University (Faculty of Physics)	Russia (June 21, 2002)	Liaison Office of Tohoku University	Institute of Fluid Science Graduate School of Engineering Institute for Materials Research
④ Syracuse University (L. C. Smith College of Engineering and Computer Science)	U. S. A. (November 11, 2003)	IFS Syracuse Office	Institute of Fluid Science
⑤ 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
⑥ Institut National des Sciences Appliquées de Lyon (Materials Science and Physical Metallurgy Laboratory)	France (January 23, 2004)	Liaison Office of Tohoku University	Institute of Fluid Science Graduate School of Engineering Institute of Development, Aging and Cancer
⑦ Dalian University of Technology (School of Materials Science and Engineering)	China (October 7, 2005)	Overseas IMR · DUT Research Center	Institute for Materials Research
⑧ Research Institute for Tropical Medicine	Philippines (May 1, 2007)	Research Center for Emerging and Re-emerging Infections	Graduate School of Medicine
⑨ Eastern Visayas Regional Medical Center	Philippines (January 11, 2008)	Research Center for Emerging and Re-emerging Infections, Tacloban Office	Graduate School of Medicine

### Overseas Offices

Overseas Office	Date Established
⑩ Tohoku University US Office	(May 24, 2006)
⑪ Tohoku University China Office	(April 20, 2007)
⑫ Tohoku University Russia Office (Japanese Inter-University Russia Office)	(September 11, 2010)
⑬ Tohoku University Russia Office Siberia Branch	(September 11, 2010)



(FY=Fiscal Year / Financial Year)





# Campuses

## Profile

Sendai is one of the traditional cities of Japan yet is 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 14 major cities and has a population of 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" (city of trees) as most of its major streets and avenues are lined with zelkova trees. It has also become known as an "Academic City" 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 charming hot spring resorts.



## Access

### 1. Flight

Sendai International Airport (SDJ) has regular international flights to many East Asian cities and domestic cities.

- From Seoul: 2 hrs 10 mins.
- From Beijing: 4 hrs 45 mins.
- From Shanghai: 2 hrs 50 mins.
- From Tokyo-Narita Int'l Airport: 55 mins.

### 2. "Tohoku Shinkansen" (Bullet Train)

From Tokyo to Sendai: 1 hr 40 mins.



Provided by the Miyagi Prefecture Industry Department, Tourism Division



Provided by the Miyagi Prefecture Industry Department, Tourism Division



Provided by the Miyagi Prefecture Industry Department, Tourism Division

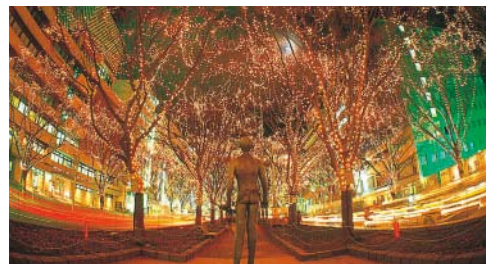
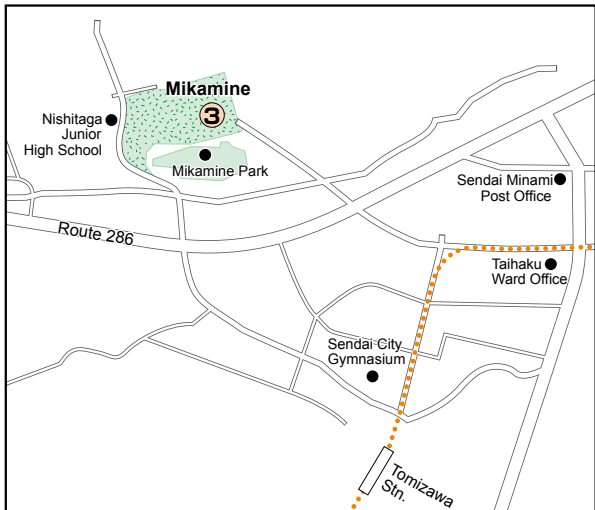
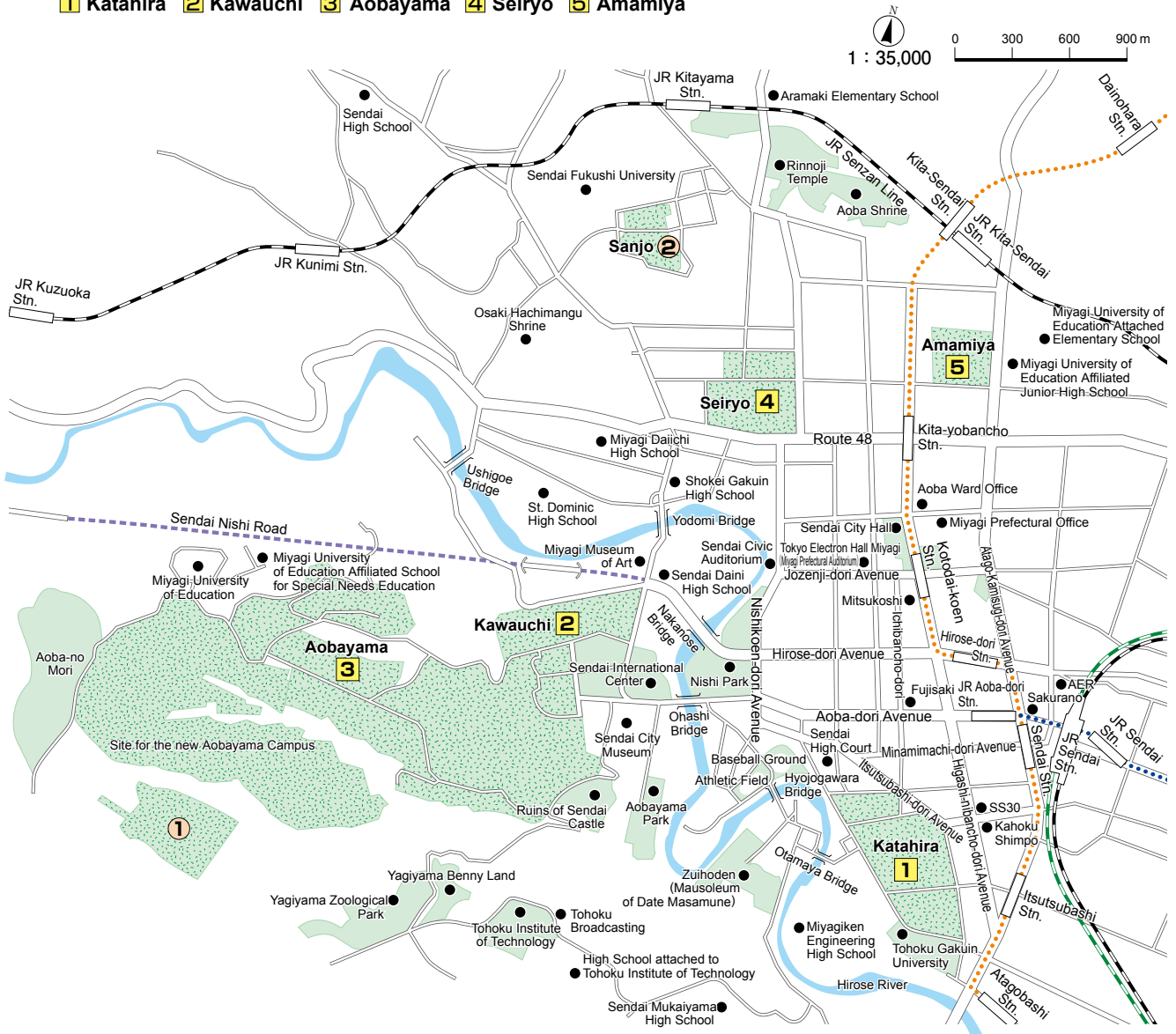


Provided by the Miyagi Prefecture Industry Department, Tourism Division

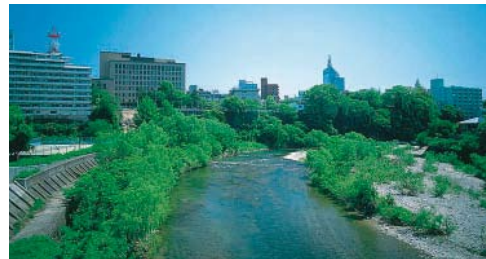
# Location of the Campuses

## Campuses in Sendai City

- 1 Katahira 2 Kawauchi 3 Aobayama 4 Seiryō 5 Amamiya



Provided by the Miyagi Prefecture Industry Department, Tourism Division



Provided by the Miyagi Prefecture Industry Department, Tourism Division

Campuses

## Location of the Campuses

### Academic Facilities and Others

Facility	Address	Phone
① Jun-ichi Nishizawa Research Center Micro System Integration Center (μSIC)	519-1176 Aoba, Aramaki, Aoba-ku, Sendai 980-0845	+81-22-229-4113
② International House	19-1 Sanjo-machi, Aoba-ku, Sendai 981-0935	+81-22-275-9901
③ Research Center for Electron Photon Science	1-2-1 Mikamine, Taihaku-ku, Sendai 982-0826	+81-22-743-3440
④ Planetary Observatory of PPARC (Onagawa)	Kirigasaki, Kirigasaki, Onagawa-cho, Oshika-gun, Miyagi 986-2204	+81-225-53-3374
⑤ Field Science Center (Onagawa)	15 Konorihama-mukai, Onagawa-cho, Oshika-gun, Miyagi 986-2242	+81-225-53-2436
⑥ Field Science Center (Kawatabi)	232-3 Yomogida, Naruko-onsen, Osaki, Miyagi 989-6711	+81-229-84-7312
⑦ Kawatabi Seminar Center	75 Hara, Naruko-onsen, Osaki, Miyagi 989-6711	+81-229-84-7309
⑧ Graduate School of Life Sciences, Farm Station	134-2 Uchinoura, Hironaga, Kashimadai-cho, Osaki, Miyagi 989-4104	+81-229-56-2020
⑨ Planetary Observatory of PPARC (Zao)	200-1 Nanokahara, Togatta-onsen, Zao-machi, Katta-gun, Miyagi 989-0916	+81-224-34-2743
⑩ Research Center for Marine Biology (Asamushi)	9 Sakamoto, Asamushi, Aomori 039-3501	+81-17-752-3388
⑪ Botanical Gardens, Mt. Hakkoda	1-1 Minami-arakawayama, Arakawa, Aomori 030-0111	+81-17-738-0621
⑫ Akita Branch Observatory of RCPEQVE	1-14-46 Shougunno-minami, Akita 011-0936	+81-18-845-8716
⑬ Honjo Branch Observatory of RCPEQVE	Ohyana, Yurihonjo, Akita 015-0091	+81-184-29-2124
⑭ Sanriku Branch Observatory of RCPEQVE	114 Kodomari, Okirai, Sanriku-cho, Ohfunato, Iwate 022-0101	+81-192-44-2107
⑮ Tono Branch Observatory of RCPEQVE	4-120-74 Komagi, Matsuzaki-cho, Tono, Iwate 028-0545	+81-198-62-2800
⑯ International Research Center for Nuclear Materials Science	2145-2 Narita-cho, Oarai, Ibaraki 311-1313	+81-29-267-3181
⑰ Kansai Center for Industrial Materials Research	8th floor, Organization for Industry, University and Government Cooperation, Osaka Prefecture University, 1-2 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531	+81-72-254-6372
⑱ Planetary Observatory of PPARC (Iitate)	Maeta, Iitate-mura, Soma-gun, Fukushima 960-1636	+81-244-42-0530
⑲ KamLAND, Research Center for Neutrino Science	408 Kamimachi, Higashi-mozumi, Kamioka-cho, Hida, Gifu 506-1205	+81-578-85-0030
⑳ Tohoku University Liaison Office (Tokyo)	10th floor, SapiaTower, 1-7-12 Marunouchi, Chiyoda-ku, Tokyo 100-0005	+81-3-3218-9612
㉑ Tohoku University US Office		
㉒ Tohoku University China Office	(JSPS Beijing Office) 616 Library of Chinese Academy of Sciences (CAS), 33 Beisihuan Xilu, Zhongguancun, Beijing 100190 P. R. China	+86-10-6253-8332
㉓ Tohoku University Russia Office	Department of Low Temperature Physics and Superconductivity, Faculty of Physics, M.V.Lomonosov Moscow State University, Leninskie gory, 1, Moscow 119899, Russia	+7-495-961-4489
㉔ Tohoku University Russia Office Siberia Branch	Exhibition Center, Zolotodolinskaya Street, 11, Novosibirsk, 630090, Russia	+7-383-330-2392
㉕ Energy Security JAPEx Endowed Division Graduate School of Environmental Studies	Indonesia Institut Teknologi Bandung JL. Ganesha 17, Bandung, 40132, Indonesia	+62-22-2510-440

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

### Student Residence and University House

Facility	Structure	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	//	+81-22-229-5392
Seifu Ryo (for male)	Capacity: 81 persons	//	+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	//	+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

### Facility for Extracurricular Activity

Facility	Address	Phone
Hyojogawara Ground / University Hostel	2-1 Kadan, Aoba-ku, Sendai 980-0815	
Natori Boat House / University Hostel	10-1 Yashiki, Shimomasuda, Natori, Miyagi 981-1201	+81-22-384-0455
Toda Boat House / University Hostel	5-50 Toda-koen, Toda, Saitama 335-0024	+81-48-447-0658
Shichigahama Yacht House / University Hostel	61-5 Hamayashiki, Yoshidahama, Shichigahama-cho, Miyagi-gun, Miyagi 985-0802	+81-22-357-2659
Shusetsu Hütte	820-1 Arashiki, Zao-onsen, Yamagata 990-2301	+81-236-94-9094
Seikei Lodge	305 Ro Rinshohan, Kokuyurin, Kuraishidake, Zao-machi, Katta-gun, Miyagi 980-0800	
Katahira Chuo Gymnasium	2-1-1 Katahira, Aoba-ku, Sendai 980-8577	
Katahira (1・2・4・5・6) Hall	//	
Katahira Budojo	//	
Katahira Tennis Court	//	
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 Hall	41 Kawauchi, Aoba-ku, Sendai 980-8576	
Kawauchi Circle Club Building	//	
Facility for Extracurricular Activity (A)	//	
Circle Club Rooms E・F・G	//	
Kawauchi Sub Arena Building	//	

## International House

Tohoku University's International House in Sanjo-machi was established in 1983 and expanded in 1989 and 1994. It provides housing for both international students and researchers as well as acting as a forum for intercultural communication in the Sanjo region.

Accommodations available in the International House are as follows:

### International House

#### General Information

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

Phone : +81-22-275-9901

Construction: Ferro-Concrete Construction

Area: 28,446㎡

Floor: 10,661㎡

Opening: November 26, 1983

Two story building	1
Three story building	7
Four story building	1
Five story building	1

Common Facilities:

Lobby	1
Reading Room	1
Meeting Room	2
Recreational Facilities including Table tennis corner, Cultural room and others	

Residents	Room Type	Floor Area	Number of Rooms
Students	Single Room	18㎡	147
	Couple Room	46㎡	42
	Family Room	48㎡	31
	Sub Total		220
Researchers	Single Room	18㎡	12
	Couple Room	49㎡	14
	Family Room	60㎡	8
	Sub Total		34
	Grand Total		254



International House

### University House Sanjo

#### General Information

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

Phone: +81-22-274-7305

Construction: Ferro-Concrete Construction

Opening: April 1, 2007

Ten story building	1
Six story building	1
Five story building	1

Division	Room Type	Floor Area	Number of Rooms
North Building	Single Room	10㎡	80
	Single Room	13㎡	160
West Building	Single Room	10㎡	96
East Building	Single Room	10㎡	80
	Grand Total		416 *

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



University House Sanjo

## KATAHIRA CAMPUS

Land: 237,563㎡ Buildings: 169,133㎡ (as of April 1, 2011)

1-1, Katahira, 2-chome, Aoba-ku, SENDAI 980-8577 Phone: +81-22-717-7800

### Administrative Units Research Institutes



Extended Education & Research Building

- Office of the President / General Affairs Division, General Affairs Department 25
- Legal Affairs Division, General Affairs Department / Personnel Division, General Affairs Department / Finance Department / Research Cooperation Department / Office of Cooperative Research and Development 23
- Audit Office / Office of Conflict of Interest Management 29
- Public Relations Division, General Affairs Department 28
- Facilities Department 33
- Informatization Division, Information Department 27
- International Exchange Division 30
- Office for Environmental Security 39

- Extended Education & Research Building 70
- School of Public Policy, Law School, Administration Office 70
- Research Center for Gender Equality and Multicultural Conviviality 70
- Accounting School 39, 70
- Regional Innovation Research Center, Graduate School of Economics and Management 70

- Graduate School of Life Sciences, Administration Office 35
- Graduate School of Life Sciences Building 35
- Life Sciences Project Research Laboratory 35
- Environment Control Experiment Building 37

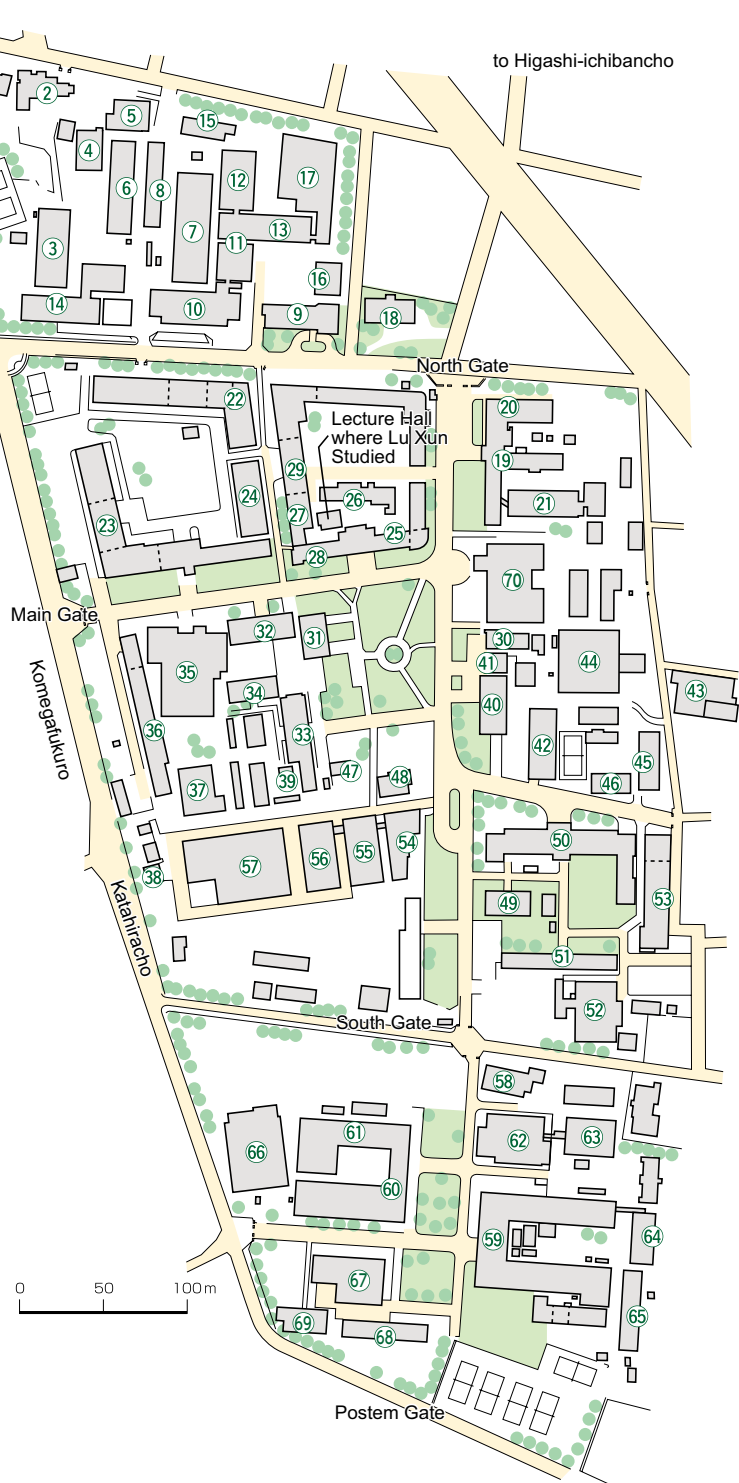
- Graduate School of Biomedical Engineering, Laboratory 57

- Institute for Materials Research, Administration Office 9
- Advanced Research Center of Metallic Glasses 13
- High Field Laboratory for Superconducting Materials 14
- Honda Memorial Hall 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  $\alpha$ -Ray Emitters 6
- Technical Plant 7, 8
- Multi-Use Laboratory 15
- International Center of Educational Reserach 16

- Institute of Fluid Science, Administration Office 40
- Transdisciplinary Fluid Integration Research Center 40
- Building No. 1, 2, 3 40, 42, 43
- High Speed Flow Experiment Building 44
- Interdisciplinary Shock Wave Research Laboratory 45
- Environmental Fluid Facility Building 37
- GCOE Building 41
- Joint Laboratory Building 46

- Research Institute of Electrical Communication, Administration Office 60
- Laboratory for Brainware Systems 62, 63, 65
- Laboratory for Nanoelectronics and Spintronics 57
- Research Center for 21st Century Information Technology 68, 69
- Building No. 1, 2 59, 60, 61
- Fundamental Technology Center Evaluation Analysis Team 64

- Institute of Multidisciplinary Research for Advanced Materials, Administration Office 49
- Advanced Materials Processing Building 50, 51, 52
- Chemical Reaction Science Building 19, 21
- Scientific Measurements Building 22, 23
- Scientific Measurements Building, Technical Plant 24
- Advanced Materials Processing Building, Technical Plant 53
- Laboratories for Advanced Materials Research Building 55, 56



- WPI Advanced Institute for Materials Research (WPI-AIMR), Administration Office 15
- WPI Laboratory Building 17
- WPI Annex 20

- University Archives 32
- Technology Center for Research and Education Activities 55
- Center for Low Temperature Science 3
- High-Voltage Electron Microscope Laboratory 31
- Archaeological Research Office on the Campus 33, 39
- Center for Spintronics Integrated Systems (CSIS) 57

- Campus Planning Office 33
- Katahira Hall 2
- Welfare Facilities (cafeteria) 18
- Sakura Hall 54
- Cultural Property Storage 47
- Welfare Facilities (Bookstore) 48
- Welfare Facilities (Student Hall) 58
- Gymnasium 66

Campus Map

2 KAWAUCHI CAMPUS

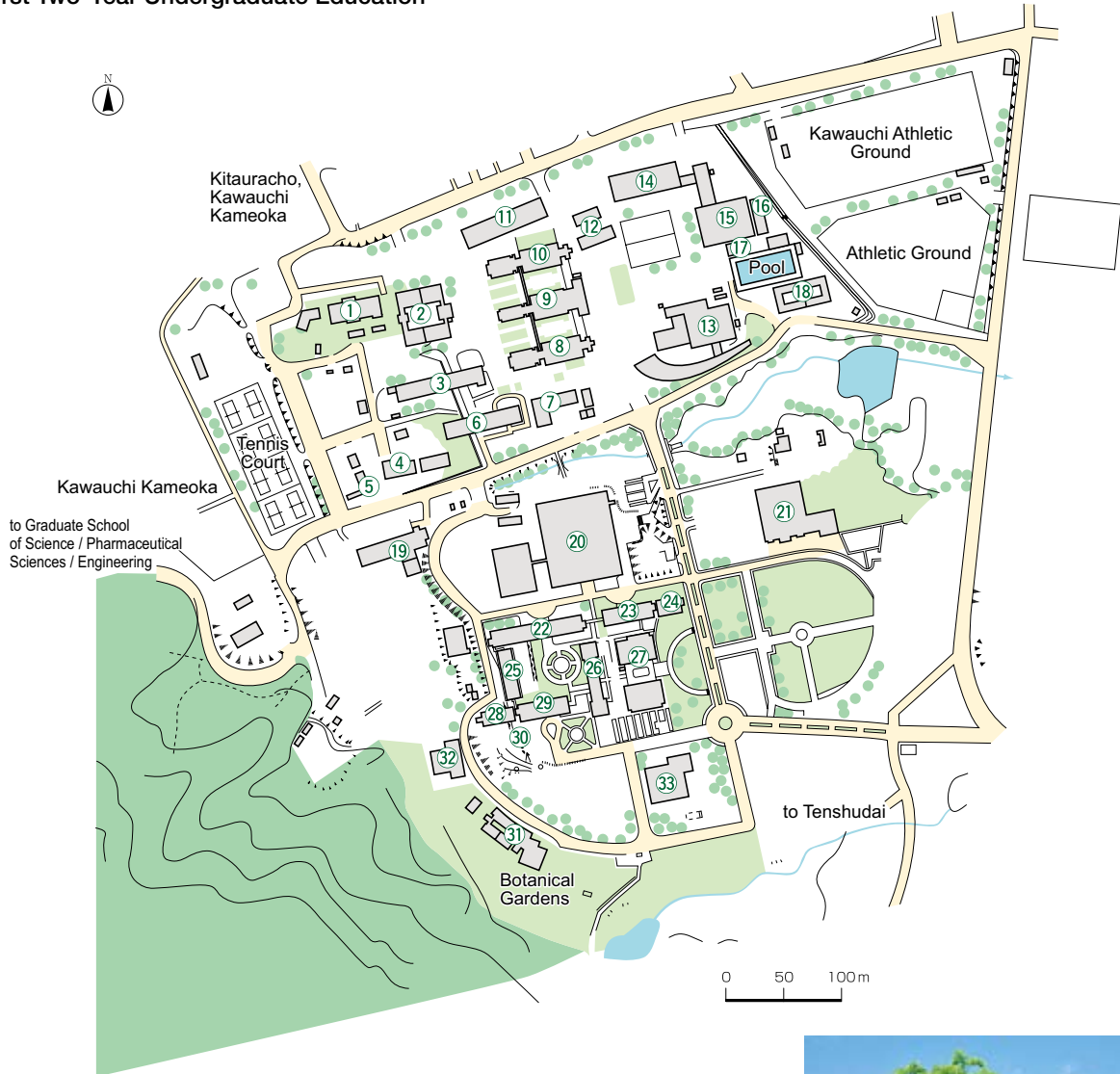
Land: 818,641m<sup>2</sup> Buildings: 128,991m<sup>2</sup> (as of April 1, 2011)

Kawauchi-Kita Campus: 41 Kawauchi, Aoba-ku, SENDAI 980-8576

Kawauchi-Minami Campus: 27-1 Kawauchi, Aoba-ku, SENDAI 980-8576

Phone: +81-22-717-7800

Humanities and Social Sciences  
First Two-Year Undergraduate Education



Education and Student Support Department ⑦  
Admission Division, Education and Student Support Department ⑰  
Student Exchange Division, Education and student Support Department ①  
University Library (Main Library) ⑳

Graduate School of Arts and Letters, Administration Office ㉒  
Arts and Letters / Law Joint Building ㉔  
Graduate School of Education, Administration Office ㉖  
New Humanities Building ㉗  
Graduate School of Law, Administration Office ㉘  
Graduate School of Economics and Management, Administration Office ㉙  
Seminar Rooms ㉚, ㉛  
Graduate School of International Cultural Studies, Administration Office ⑥  
Research Center for Language, Brain and Cognition ⑧  
Graduate School of Educational Informatics, Education Division / Research Division, Administration Office ㉜

Center for Northeast Asian Studies ③  
Center for Northeast Asian Studies Branch Office ⑱  
Center for the Advancement of Higher Education ④  
Health Administration Center / University Counseling Center / Counseling Room for Harassment ④  
Admission Center ⑰

Center for Career Support ⑦  
Botanical Gardens (Garden Hall) ㉑  
Memorial Herbarium ㉓

Center for International Exchange ①  
Institute of Liberal Arts and Sciences ⑦  
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  
Circle Club Rooms ⑤, ⑫  
Welfare Facilities (cafeteria) ⑬  
Gymnasium ⑮  
Kawauchi Hall ⑯  
Facility for Extracurricular Activity (A) ⑰  
Kawauchi Circle Club Building ⑱  
Kawauchi Sub Arena ⑲  
Tohoku University Centennial Hall (Kawauchi Hagi Hall) ㉑  
Lecture Rooms ㉒  
Lecture Hall ㉓  
Humanities Building ㉔  
Welfare Facilities (cafeteria) ㉕

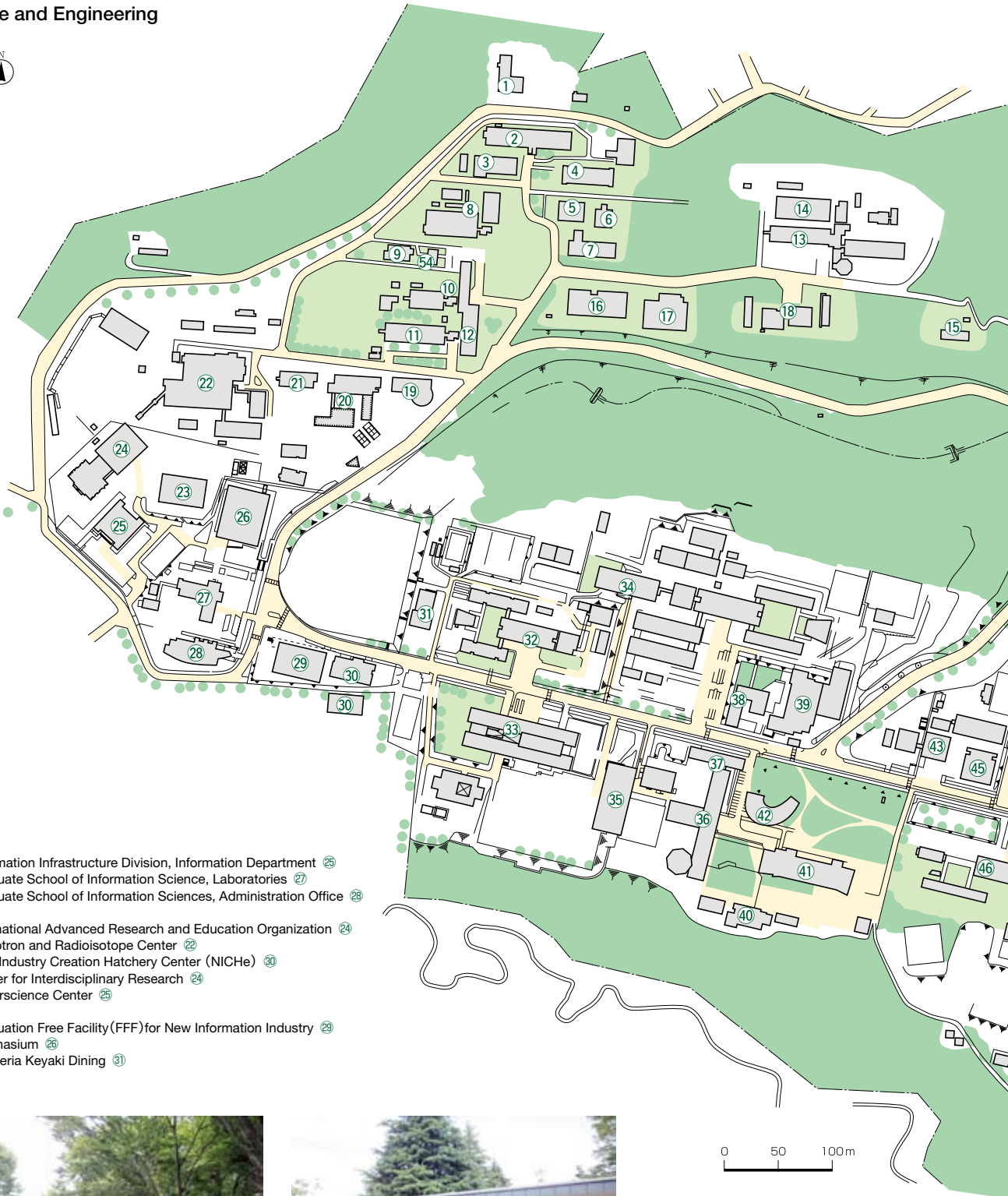


Springtime in Kawauchi Campus



3 AOBAYAMA CAMPUS

Science and Engineering



Information Infrastructure Division, Information Department 25  
 Graduate School of Information Science, Laboratories 27  
 Graduate School of Information Sciences, Administration Office 28

International Advanced Research and Education Organization 24  
 Cyclotron and Radioisotope Center 22  
 New Industry Creation Hatchery Center (NICHe) 30  
 Center for Interdisciplinary Research 24  
 Cyberscience Center 25

Fluctuation Free Facility(FFF)for New Information Industry 29  
 Gymnasium 26  
 Cafeteria Keyaki Dining 31



Aobayama Campus



Cafeteria Keyaki Dining



● Land: 784,239㎡ ● Buildings: 297,547㎡ (as of April 1, 2011)

Graduate School / School of Engineering, Graduate School of Environmental Studies /  
 Graduate school of Biomedical Engineering: 6-6, Aoba, Aramaki, Aoba-ku, SENDAI 980-8579  
 Other than those above: 6-3, Aoba, Aramaki, Aoba-ku, SENDAI 980-8578  
 Phone: +81-22-717-7800

Kita-Aobayama Library ⑰

Graduate School / Faculty of Science, Administration Office ⑫  
 Research and Analytical Center for Giant Molecules ⑨  
 Center for Atmospheric and Oceanic Studies ⑳  
 Planetary Plasma and Atmospheric Research Center ㉑  
 Research Center for Prediction of Earthquakes and Volcanic Eruptions ⑸  
 Research Center for Neutrino Science ⑱  
 High Resolution NMR Systems ⑤④  
 Mathematics ⑦  
 Physics ②, ③, ④  
 Chemistry ⑧  
 Earth Sciences ①①  
 Biology ⑩  
 Physics and Natural Science ㉒  
 Lecture Hall ⑤  
 Kawai Hall ⑥  
 Museum of Natural History ⑱

Graduate School of Pharmaceutical Sciences /  
 Faculty of Pharmacy and Pharmaceutical Sciences, Administration Office ⑬  
 Experimental Station for Medicinal Plant Studies, Administration Building ⑮  
 Pharmaceutical Research Laboratories Building ⑭  
 Graduate School of Life Sciences, Laboratories ⑧, ⑩, ㉓, ㉔

The Tohoku University Museum ⑱  
 Center for Low Temperature Science ①

Cafeteria / Bookstore ⑮

Engineering Library ⑳

Graduate School / School of Engineering, Administration Office(Center Hall) ④①  
 Graduate School / School of Engineering, Administration Office(Administration Building) ③⑥  
 Disaster Control Research Center ③⑤  
 Fracture and Reliability Research Institute ③⑤  
 Research Center of Supercritical Fluid Technology ③⑤  
 Management Science and Technology, Office ③⑤  
 Micro / Nano-Machining Research and Education Center ④⑦  
 Mechanical Systems and Design / Nanomechanics /  
 Aerospace Engineering / Bioengineering and Robotics, Administration Office ④④  
 Electrical and Communication Engineering / Electronic Engineering / Applied Physics, Administration Office ③④  
 Applied Chemistry / Chemical Engineering / Biomolecular Engineering, Administration Office ③②  
 Metallurgy / Materials Science / Materials Processing, Administration Office ③⑥  
 Civil and Environmental Engineering / Architecture and Building Science, Administration Office ③⑥  
 Engineering Laboratory Complex Building ③⑤  
 Innovation Plaza ③③  
 Research Building No. 3 - Electrical Engineering and Applied Physics ②⑦  
 Laboratories of Architecture and Building Science ③③  
 Graduate School of Environmental Studies, Administration Office ④③  
 Ecollab. ④⑤  
 Graduate School of Biomedical Engineering, Administration Office ③⑥  
 Laboratories ③④, ③⑤, ③⑥, ④⑦, ④②, ④③

Environment Conservation Research Institute ⑤①

Hatchery Square ③⑦  
 Cafeteria Aoba Dining ④①  
 Aoba Memorial Hall ④②  
 Cafeteria Komorebi Café / Convenience Store ④③  
 Automobile Museum ④④  
 Cafeteria / Bookstore "BOOOK" ④②



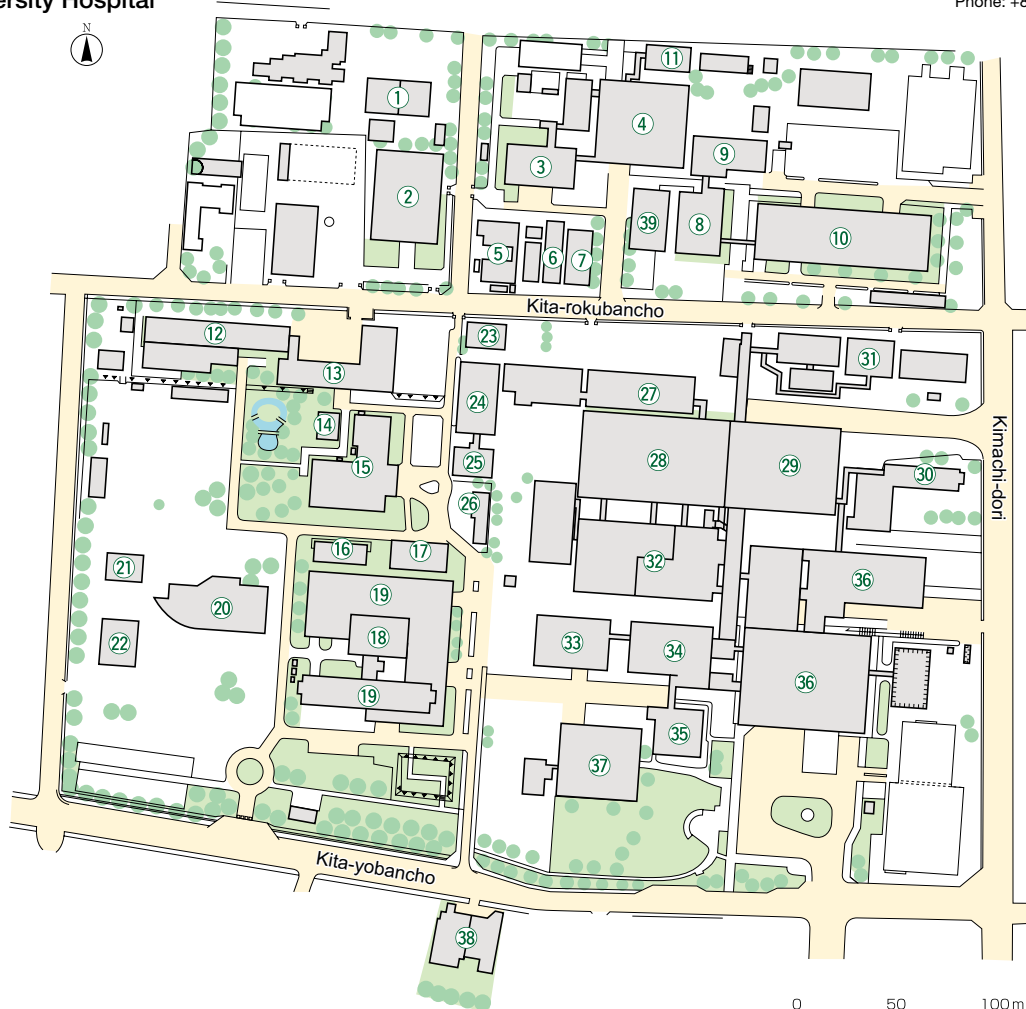
Ecollab.

4 SEIRYO CAMPUS

Land: 179,214m<sup>2</sup> Buildings: 274,973m<sup>2</sup> (as of April 1, 2011)

School of Medicine  
School of Dentistry  
University Hospital

University Hospital: 1-1, Seiryomachi, Aoba-ku, SENDAI 980-8574  
School / Graduate School of Medicine: 2-1, Seiryomachi, Aoba-ku, SENDAI 980-8575  
School / Graduate School of Dentistry: 4-1, Seiryomachi, Aoba-ku, SENDAI 980-8575  
Institute of Development, Aging and Cancer: 4-1, Seiryomachi, Aoba-ku, SENDAI 980-8575  
Phone: +81-22-717-7000



- Medical Library 37
- University Hospital, Administration Office (Administration Building) 31
- Clinics for Outpatients 36
- Operation & Medical Check Building 32
- Research Laboratory Complex (provisional name) 27
- West Ward 28
- East Ward 29
- South Ward 30
- Graduate School / School of Medicine 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
- Course of Health Sciences 12, 13
- Frontier Research Building 14
- Prion Research Building 23
- Institute of Animal Experimentation 24
- Lecture Rooms 18
- Lecture Rooms 35
- United Centers for Advanced Research and Translational Medicine (ART) 20
- Autopsy imaging Center 12
- Environment and Genome Research Center 19
- Graduate School / School of Dentistry, Administration Office 8
  - Basic Dental Science Building 8
  - Education and Training Building 9
  - Clinical Dental Science Building 10
- Graduate School of Life Science, Laboratory 3
  - 3
  - 17
  - 19
  - 20
  - 21
  - 33
  - 34
- Graduate School of Biomedical Engineering, Laboratory
  - 3, 17, 19, 20, 21, 33, 34
  - Training Center 21
- Institute of Development, Aging and Cancer, Administration Office 4
  - Research Building 3
  - Seiry Total Research Project Building 4
  - Smart Ageing International Research Center (SAIRC) 39
  - Brain Imaging Research Building 6
  - Brain Dynamics Research Building 7
  - Tumor Animal Experiment Building 5
  - Advanced Frontiers Research Building 11
- Center for Gene Research 4
  - Innovation of New Biomedical Engineering Center 27, 28
- RI Seiry Subcenter 25
- Student Recreational Building 1
- Gymnasium 2
- Welfare Facilities (Seiry Hall) 15
- Gonryo Hall 38
- Center for Laboratory Animal Research 26
- Clinical Pharmaceutical Science Research and Education Building 22



School of Medicine Buildings

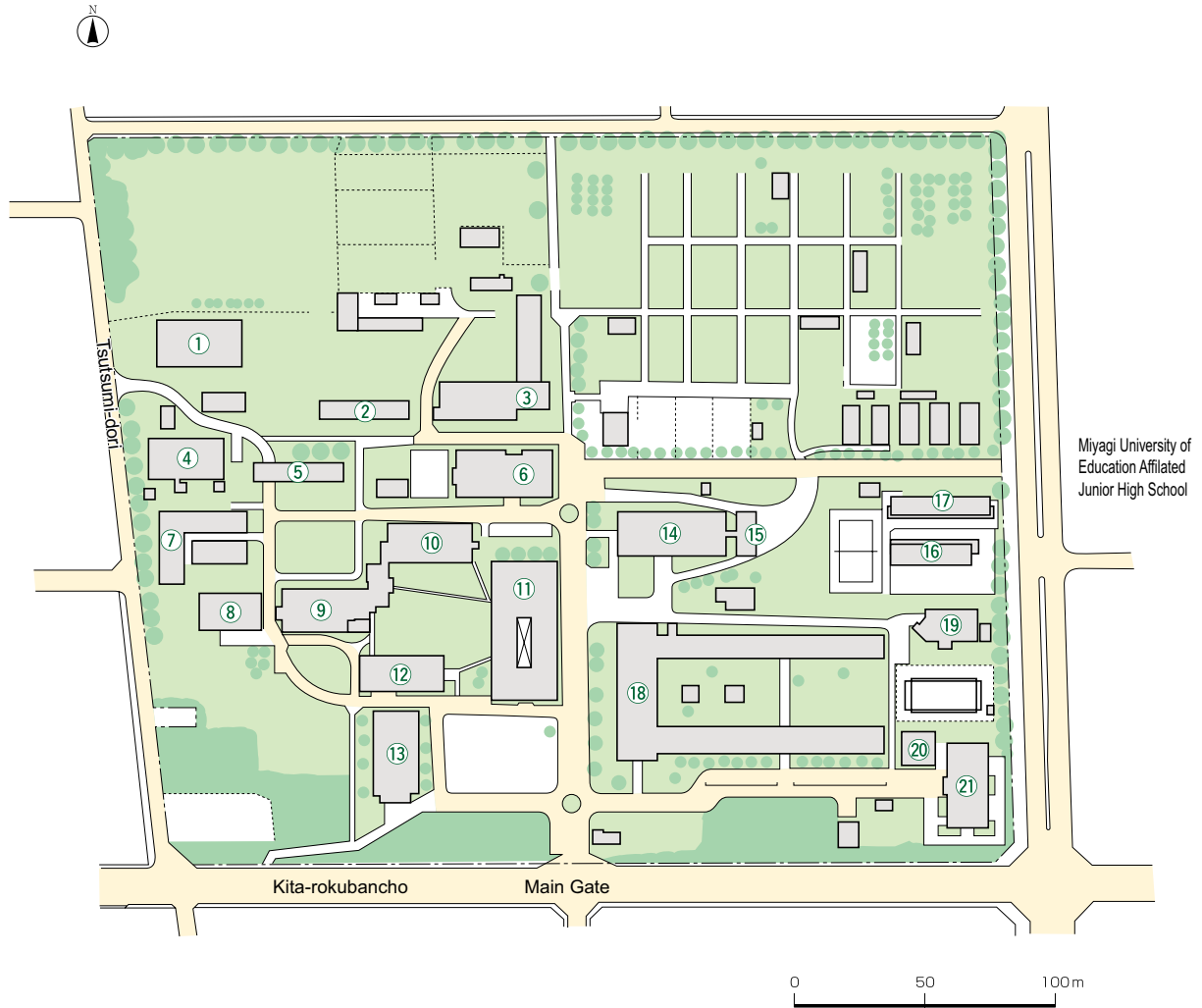
Campus Map

5 AMAMIYA CAMPUS

●Land:92,746㎡ ●Buildings:31,297㎡(as of April 1, 2011)

1-1, Amamiya-machi, Tsutsumidori, Aoba-ku, SENDAI 981-8555 Phone: +81-22-717-8603

Graduate School of Agricultural Science / Faculty of Agriculture



Agricultural Library ⑥

Graduate School of Agricultural Science,  
Administration Office (Administration Building) ⑫  
Research House named "Honkan" ⑱

- Research House named "Daiichi-kenkyutou" ⑨
- Research House named "Daini-kenkyutou" ⑩
- Research House named "Kenkyu Jikkentou 1" ⑰
- 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 5" ⑳
- 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

- Lecture House ⑪
- Lecture Hall ①
- Radioisotope Laboratory ⑰
- Power Center ⑧
- Old Gymnasium ⑬
- Welfare Facilities ⑭
- Student Lounge ⑮



Amamiya Campus Main Gate

# Tohoku University Fact Book 2011

Published by  
International Affairs Department  
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