



# UNIVERSITY CORPORATION HIROSAKI UNIVERSITY

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2013 NATIONAL





President SATO Kei

## Establishing a Global Identity Creating with the Community Hirosaki University

### Principle

In the spirit of the Fundamental Law of Education, the aim of Hirosaki University is to acquire a wide store of knowledge for in-depth teaching of and research in the professional arts and sciences; to develop the intellectual, moral, practical, and applicable capacities of staff and students alike; and to produce future leaders supplied with insights sufficiently broad and well informed that they can help shape the future of human culture.

### Goals

Hirosaki University is a medium-size university with Faculties of Humanities, Education, Medicine, Science & Technology, and Agriculture & Life Science. These five Faculties cover a broad and comprehensive range of undergraduate academic disciplines. The university is also home to seven graduate programs, including the independent and interdisciplinary doctoral course in Regional Studies. Hirosaki University has taken full advantage of its location in Aomori Prefecture to advance its educational and research goals. First of all, within Aomori Prefecture there is great potential for energy production and development, including the nuclear energy and nuclear fusion-related facilities located within its borders. The Shirakami Wilderness World Heritage Site, located along the border of Aomori and Akita prefectures, offers many possibilities for the study of global warming and other environmental issues. Finally, in this era of reoccurring food crises and concern over food security, Aomori Prefecture serves as a national food production base. Hirosaki University has tailored its educational, research, and community outreach programs to focus on these areas of study, to develop the needed human resources to meet the challenges they pose, and to project its research findings globally, regionally and locally.

### Educational Goals

Hirosaki University strives to provide a high level of education to future global and local leaders in a wide range of specialized fields. The university's general education program instills a strong sense of humanity and social responsibility, while the core curricula in the various specialized academic programs help students develop the know-how and the confidence to grapple with the rapid changes taking place in modern society. All of these academic programs are geared to conform to the university's commitment to the study of energy, the environment and food production. This commitment extends not only to the hard sciences, but to the human and social sciences as well.

### Research Goals

Hirosaki University promotes research that examines modern global issues linked to the local themes of energy, global warming and the environment, as well as food and food production. It promotes internationally recognized research, cutting edge basic research, as well as research that contributes to local growth and development.

### Community Service

Hirosaki University's community service program covers a wide range of activities that address many of the challenges that face the prefectures of northern Japan, including the loss of population in rural communities, low birthrates and an aging population. The University offers community medical care services, including care for those who have been exposed to radiation. Educational support programs to counteract diminished interest in the sciences amongst local elementary, middle, and high school students have been introduced as well. Projects to protect and build interest in local and regional culture and traditions have also been put into practice. Collabo HiroDai (Hirosaki University Collaboration Center) serves as the base for the cooperation between local industry, academia, and government that has made possible the implementation of these projects.

### Outside Linkages

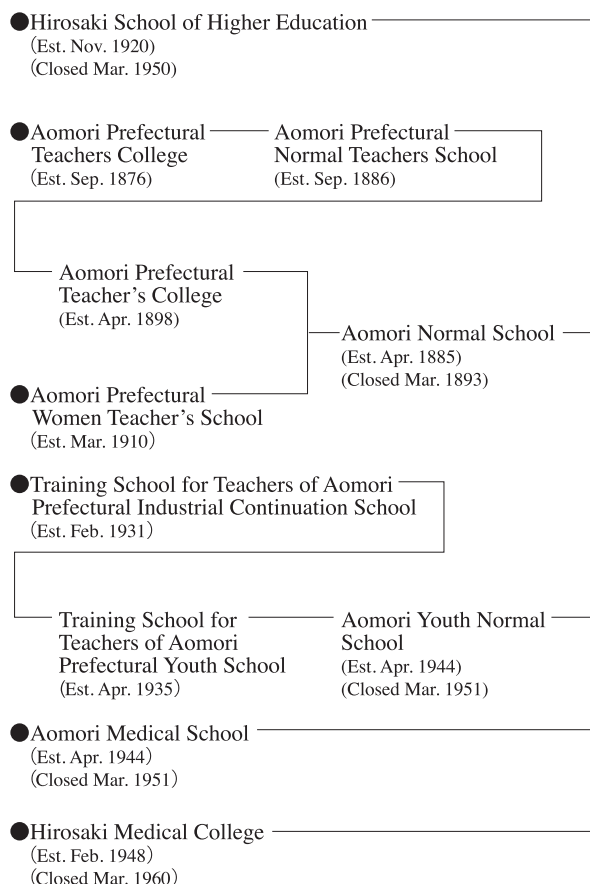
Hirosaki University actively promotes collaboration with local government and industry. It also seeks to create linkages with other universities and institutions of higher learning in the region through the Committee for the Promotion of Ties between the Three National Universities in Northern Tohoku and the cooperative industry-university-government linkage program. It also promotes academic and personnel exchanges with affiliated institutions of higher learning abroad.

### University Administration

In order to successfully achieve the educational, research and community service goals it has set, Hirosaki University is working to strengthen its management system by soliciting the opinions of administrative staff and students and by giving full play to the leadership of the president. It also encourages its faculty and students to improve the quality of their work and to raise their levels of motivation. The University continues to promote the reforms necessary to reach these goals through a constant process of verification and assessment.

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Old-education-system Hirosaki School of Higher Education



Aomori Normal School

## HISTORY

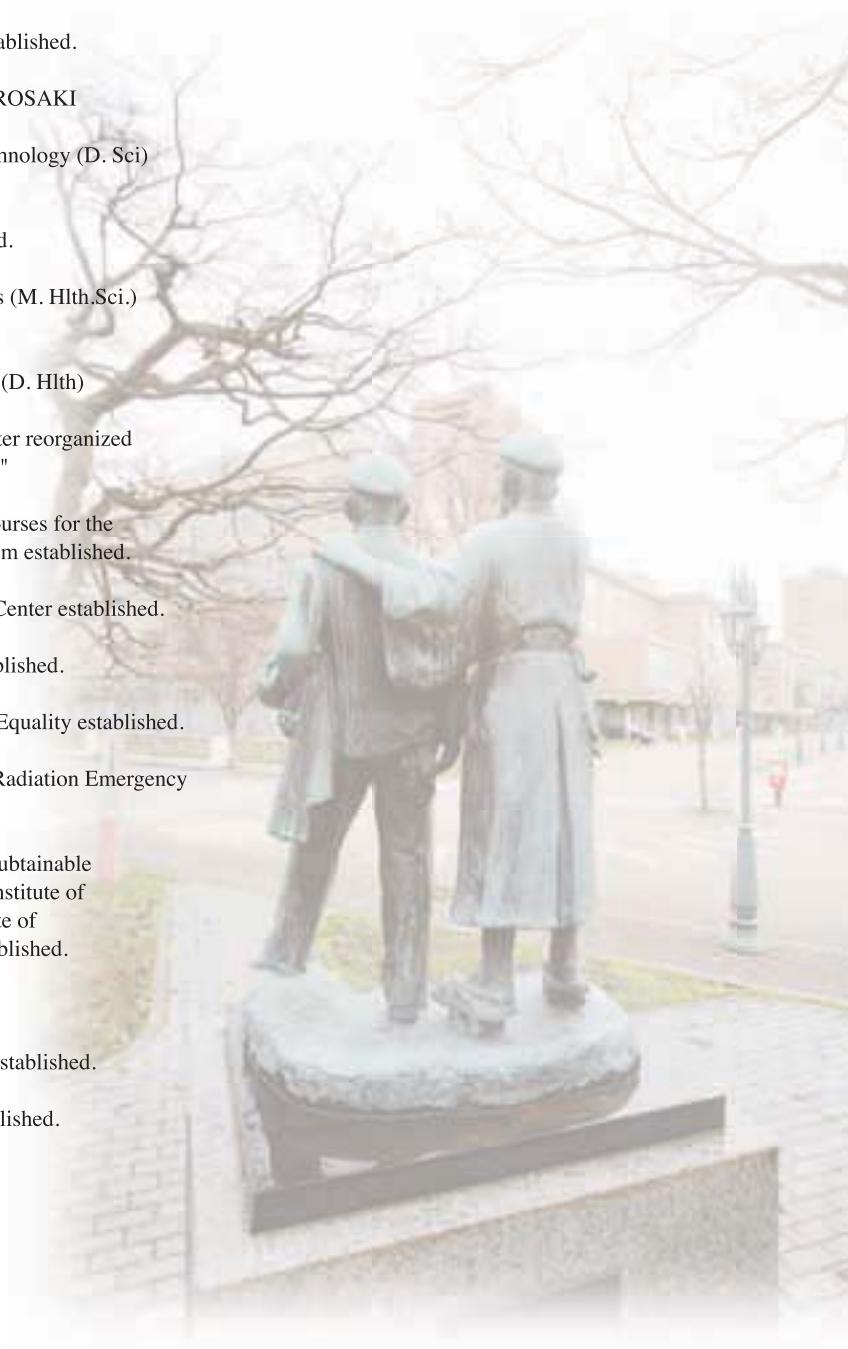
Hirosaki University was established in the former castle town of Hirosaki in 1949. It is a national university and is located in Aomori Prefecture, situated at the northern end of Honshu Island.

The historical sketch of the University is as follows:

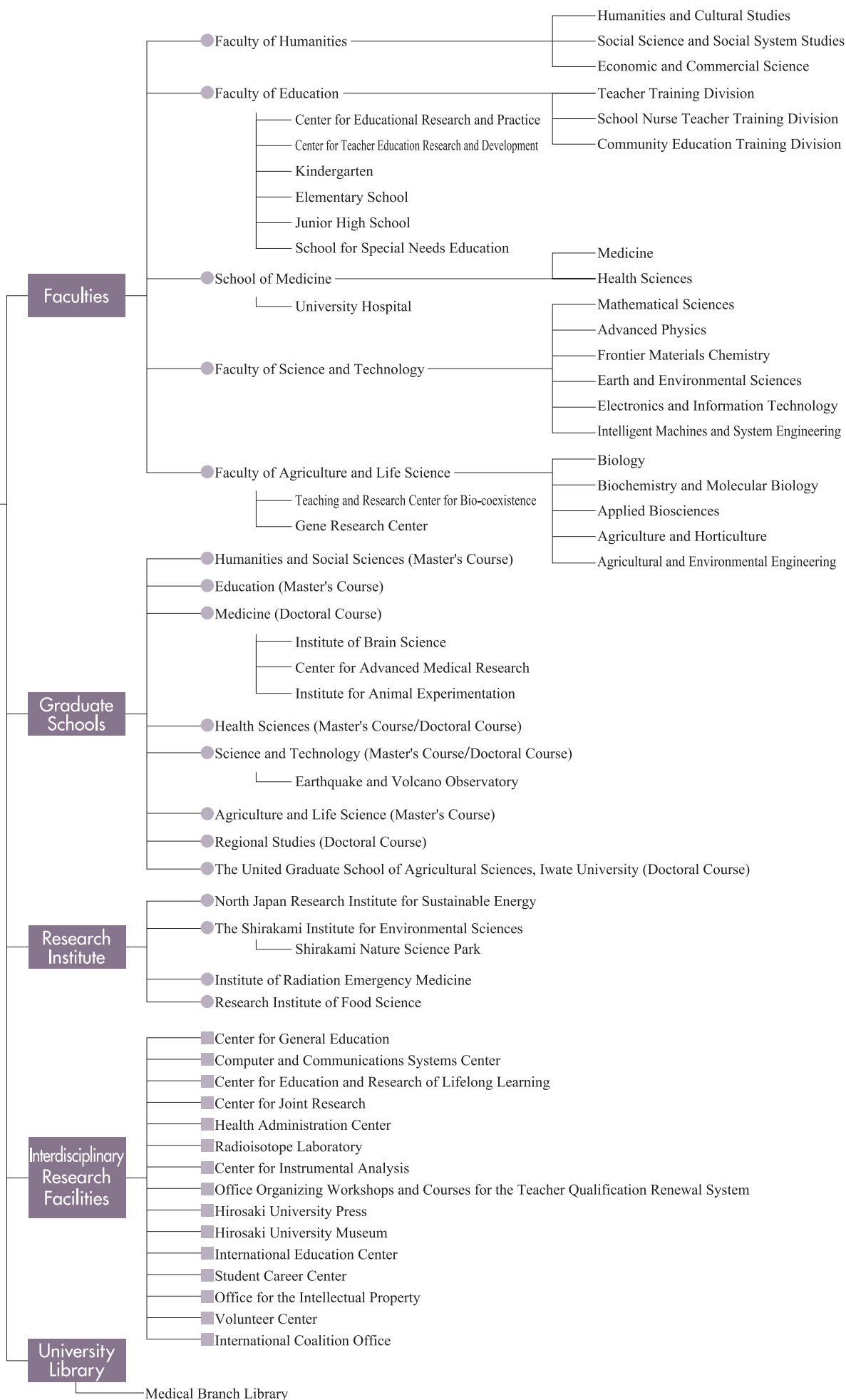
May. 1949	Hirosaki Medical College, Aomori Medical School, Hirosaki School of Higher Education, Aomori Normal School and Aomori Youth Normal School were incorporated in accordance with the National School Establishment Law into a “new-system” university with three faculties (Arts and Science, Education, Medicine) and a university library.
Apr. 1955	Faculty of Agriculture established.
Apr. 1958	Graduate School of Medicine (M.D.) established.
Apr. 1960	One-Year Postgraduate Course in Agriculture established. (Closed Mar. 1971)
Apr. 1965	Faculty of Arts and Science reorganized into Faculty of Humanities and Faculty of Science. College of Liberal Arts established. (Closed Sep. 1997)
Apr. 1966	One-Year Postgraduate Course in Education established. (Closed Mar. 1994) Training Institute for Nurse Teachers established. (Closed Mar. 1980)
June. 1967	Health Administration Center established.
Apr. 1969	One-Year Postgraduate Course in Science established. (Closed Mar. 1978)
Apr. 1971	Graduate School of Agriculture (M.Agr.) established.
Apr. 1972	One-Year Postgraduate Course in Humanities established. (Closed Mar. 1999)
Apr. 1975	School of Allied Medical Sciences established.
Apr. 1977	Graduate School of Science (M.Sc.) established.
Apr. 1989	Graduate School of Humanities (M.A.) established.
Apr. 1990	The United Graduate School of Agricultural Sciences, Iwate University (D.Agr.) established.
Apr. 1993	Gene Research Center established.
Apr. 1994	Graduate School of Education (M.Ed.) established.
June. 1994	Computer and Communications Systems Center established.
May. 1996	Center for Education and Research of Lifelong Learning established.
Apr. 1997	Center for Joint Research established.
Oct. 1997	Faculty of Science and Faculty of Agriculture reorganized into “Faculty of Science and Technology” and “Faculty of Agriculture and Life Science.”
Apr. 1999	Graduate School of Humanities and Social Sciences (M.A.Humanities and Social Sciences) established.

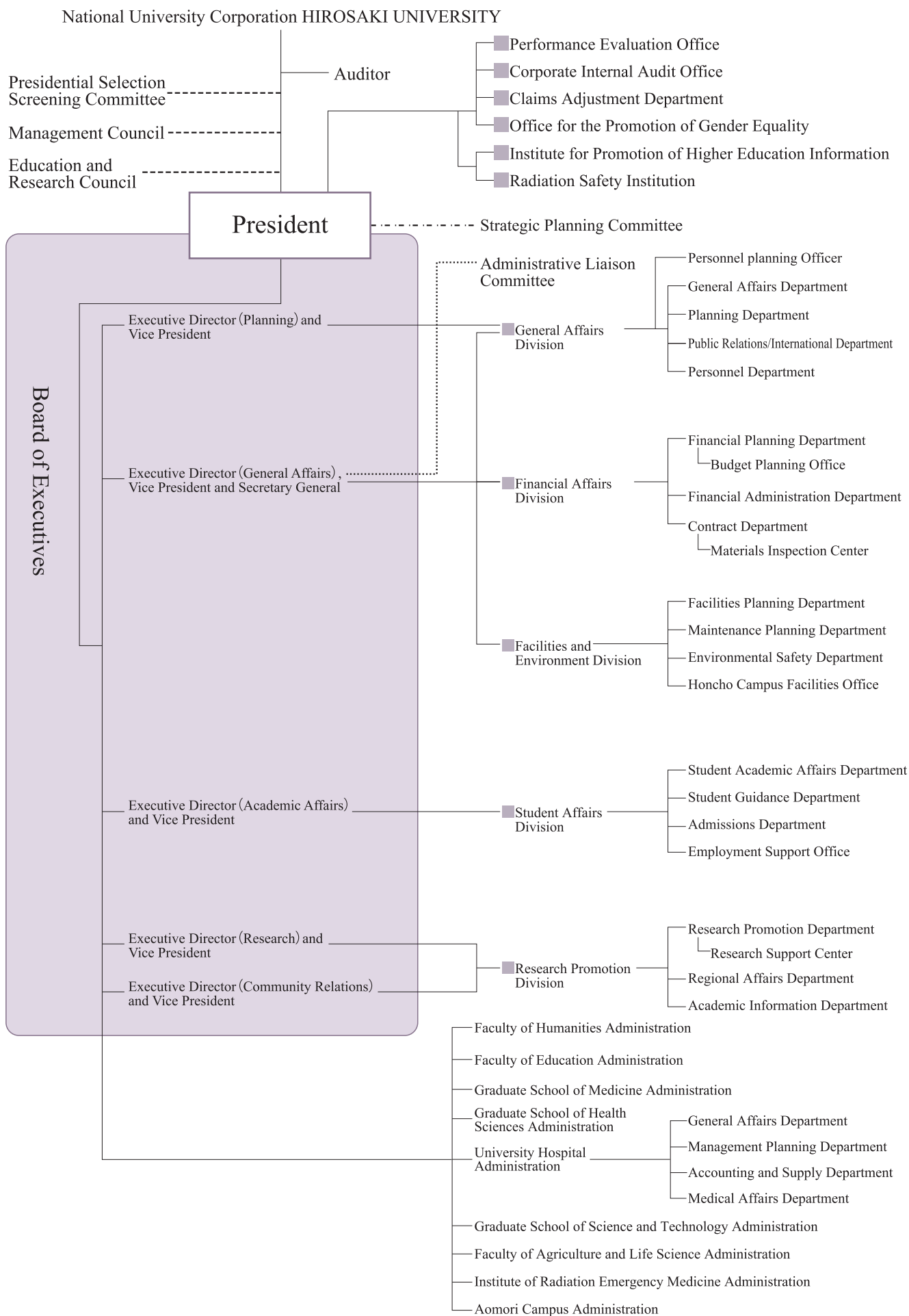


Oct. 1999	Radioisotope Laboratory established.
Apr. 2000	Teaching and Research Center for Bio-coexistence, Faculty of Agriculture and Life Science established.
Oct. 2000	School of Medicine Health Sciences established.
Apr. 2001	Center for Educational Research and Practice established.
Oct. 2001	Center for General Education established.
Apr. 2002	Graduate School of Science and Graduate School of Agriculture reorganized into "Graduate School of Science and Technology" and "Graduate School of Agriculture and Life Science." Graduate School of Regional Studies (Ph.D) established.
Apr. 2003	International Student Exchange Center established.
Sep. 2003	Center for Instrumental Analysis established.
Apr. 2004	National University Corporation HIROSAKI UNIVERSITY established. Graduate School of Science and Technology (D. Sci) established.
Jun. 2004	Hirosaki University Press established.
Apr. 2005	Graduate Schools of Health Sciences (M. Hlth.Sci.) established.
Apr. 2007	Graduate School of Health Sciences (D. Hlth) established. International Student Exchange Center reorganized into "International Exchange Center."
Oct. 2008	Office Organizing Workshop and Courses for the Teacher Qualificator Renewal System established.
Mar. 2009	North Japan New Energy Research Center established.
Apr. 2009	Shirakami Nature Science Park established.
Oct. 2009	Office for the Promotion of Gender Equality established.
Mar. 2010	Research and Education Center for Radiation Emergency Medicine established.
Oct. 2010	North Japan Research Institute for Sustainable Energy and The Shirakami-Sanchi Institute of the Natural Environment and Institute of Radiation Emergency Medicine established.
Oct. 2012	Museum established.
Mar. 2013	Research Institute of Food Science established.
Apr. 2013	International Education Center established.



## Hirosaki University









D.Med./D.Sci.	MARUI Kiyoyasu	May. 31,1949–Aug.19,1953
Acting	TOMINO Sohshiro	Aug. 19,1953–Jan.31,1954
D.Sci.	KOHRIBA Kan	Feb.1,1954–Dec.15,1957
Acting	TOMINO Sohshiro	Dec.15,1957–Jan.31,1958
D.Sci.	NOMURA Shichiroku	Feb.1,1958–Jan.31,1962
D.Med.	SATO Hiroshi	Feb.1,1962–Jan.31,1968
D.Econ.	YANAGAWA Noboru	Feb.1,1968–Jan.31,1972
D.Med.	USUBUCHI Isamu	Feb.1,1972–Jan.31,1978
D.Med.	OIKE Yasaburo	Feb.1,1978–Jan.31,1982
D.Ed.	MAKINO Kichigoro	Feb.1,1982–Jan.31,1986
D.Med.	TOHNO Shuji	Feb.1,1986–Jan.31,1992
D.Sci.	TESHIROGI Wataru	Feb.1,1992–Jan.31,1996
D.Med.	YOSHIDA Yutaka	Feb.1,1996–Jan.31,2002
D.Med.	ENDO Masahiko	Feb.1,2002–Jan.31,2012
D.Med.	SATO Kei	Feb.1,2012–

As of May 1, 2013

## Board of Executives

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■ Executive Director (Planning) and Vice President	KANDA Kensaku
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■ Executive Director (Academic Affairs) and Vice President	NAKANE Akio
■ Executive Director (Research) and Vice President	KATO Yoji
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■ Auditor	ODAGIRI Satoru
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■ Assistant to the President	NANJO Hirotada
■ Assistant to the President	HADA Ryukichi

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■ Member of the Management Council	YAMAMOTO Kazuyuki
■ Member of the Education and Research Council	IMAI Masahiro
■ Member of the Education and Research Council	SASAKI Choichi
■ Member of the Education and Research Council	NAKAJI Shigeyuki
■ Member of the Education and Research Council	YOSHIZAWA Atsushi
■ Member of the Education and Research Council	HIMAKI Mitsugu
■ Executive Director (Planning) and Vice President	KANDA Kensaku
■ Executive Director (General Affairs), Vice President and Secretary General	ERA Shigeru

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■ Director, Research Institute of Food Science	SUZUKI Hiroyuki
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■ Director, Okai Certified Public Accountants	OKAI Makoto
■ Chairman, 21 Aomori Industrial synthesis support center	KATO Takeo
■ President, Kanesho Co., Ltd.	KUSHIBIKI Toshisada
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■ Aomori Prefectural Board of Education	SHIMA Yasuko
■ Chairman, Hirosaki Chamber of Commerce and Industry	NAGASAWA Hiroo
■ Branch manager, NHK Cultural center Hirosaki Co., Ltd	YAMAMOTO Kazuyuki

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■ Executive Director (Research) and Vice President	KATO Yoji
■ Executive Director (Community Relations) and Vice President	OHKAWARA Takashi
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■ Dean, Faculty of Education	ITO Shigeharu
■ Dean, Faculty of Agriculture and Life Science	SASAKI Choichi
■ Dean, Graduate School of Medicine	NAKAJI Shigeyuki
■ Dean, Graduate School of Health Sciences	TSUSHIMA Hitoshi
■ Dean, Graduate School of Science and Technology	YOSHIZAWA Atsushi
■ Dean, Graduate School of Regional Studies	HIMAKI Mitsugu
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■ Director, The Shirakami Institute for Environmental Sciences	HIGAKI Daisuke
■ Director, Institute of Radiation Emergency Medicine	KASHIWAKURA Ikuo
■ Director, Research Institute of Food Science	SUZUKI Hiroyuki
■ Director, Center for General Education	KIMURA Norimi
■ Director, University Library	HASEGAWA Seiichi
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■ Professor, Faculty of Education	OHTSUBO Syoichi
■ Professor, Faculty of Agriculture and Life Science	ZHANG Shu-Huai
■ Professor, Graduate School of Medicine	OKUMURA Ken
■ Professor, Graduate School of Health Sciences	KIDA Kazuyuki
■ Professor, Graduate School of Science and Technology	MIYANAGA Takafumi
■ Vice-Director, University Hospital	FUKUDA Shinsaku
■ Director, Health Administration Center	TAKANASHI Shingo
■ Director, Center for Joint Research	ITO Shunji
■ Chief Editor, Hirosaki University Press	KOHRI Chizuko
■ Director, Office for the Promotion of Gender Equality	HIKAGE Yayoi

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■ Professor, Faculty of Humanities	YAMAMOTO Hideki
■ Professor, Faculty of Humanities	SATO Kazuyuki
■ Professor, Faculty of Education	WADA Mikio
■ Professor, Faculty of Education	MENZAWA Kazuko
■ Professor, Institute of Brain Science, Graduate School of Medicine	UENO Shinya
■ Professor, Graduate School of Medicine	OHYAMA Chikara
■ Associate professor, Graduate School of Health Sciences	MIURA Tomisato
■ Associate professor, Graduate School of Health Sciences	KITAMIYA Chiaki
■ Professor, Graduate School of Science and Technology	UJIIE Yoshihiro
■ Professor, Graduate School of Science and Technology	NUKATSUKA Isoshi
■ Professor, Faculty of Agriculture and Life Science	HIRUMA Kiyoshi
■ Associate professor, Faculty of Agriculture and Life Science	HONDA Kazushige
■ Chief, Planning Department	SAITO Akihisa
■ Chief, Student Academic Affairs Department	SAWADA Kayo

■ Chief, Research Promotion Department	TAKEUCHI Arata
■ Professor, Graduate School of Science and Technology	NAKASATO Hiroshi
■ Section Chief, Planning Department, General Affairs Division	AKIMOTO Yumiko

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■ Professor, Faculty of Agriculture and Life Science	SUGIYAMA Shuichi
■ Chief, Graduate School of Science and Technology	OHTA Shuzo
■ Deputy Department Chief, Management Planning Department, University Hospital	SASAKI Kenichi
■ Deputy Director, Corporate Internal Audit Office	MIKAMI Shinetsu
■ Section Chief, Corporate Internal Audit Office	NISHIYA Hironori

## Claims Adjustment Department

■ Director, Research Institute of Food Science	SUZUKI Hiroyuki
■ Dean, Graduate School of Regional Studies	HIMAKI Mitsugu
■ Director, Institute of Brain Science, Graduate School of Medicine	WAKABAYASHI Koichi
■ Chief, General Affairs Department, University Hospital	ISHIDOYA Masami
■ Assistant Director, Personnel Department, General Affairs	IIDA Yuchiko

## Office for the Promotion of Gender Equality

■ Professor, Faculty of Education	HIKAEGE Yayoi
■ Associate professor, Faculty of Agriculture and Life Science	TANAKA Kazuaki
■ Professor, Faculty of Humanities	HORI Tomohiro
■ Professor, Faculty of Education	MATSUMOTO Dai
■ Lecturers, Institute of Brain Science, Graduate School of Medicine	YAMADA Junko
■ Associate professor, Graduate School of Health Sciences	MISAKI Naoko
■ Associate professor, Graduate School of Science and Technology	NODA Kaori
■ Associate professor, Faculty of Agriculture and Life Science	KASHIWAGI Akiko
■ Assistant Director of Pharmacy, University Hospital	FUJITA Shoko
■ Deputy Director, General Affairs Department, General Affairs Division	KATO Yuuki
■ Deputy Director, Personnel Department, General Affairs Division	SHOJI Satoshi
■ Deputy Director, Financial Planning	GOTO Shingo
■ Associate professor, Faculty of Humanities	YOSHIMURA Kenshin
■ Associate professor, Faculty of Education	LEE Sujin

## Administration Bureau

■ Director, General Affairs Division	NAKAMURA Yukito
■ Chief, General Affairs Department	KITAZAKI Noriaki
■ Chief, Planning Department	SAITO Akihisa
■ Public Relations/International Department	ODAGIRI Tsutomu
■ Chief, Personnel Department	IKEDA Tohru
■ Personnel planning Officer	TAMADA Kunihiko
■ Director, Financial Affairs Division	SUDO Mamoru
■ Chief, Financial Planning Department	OKUDA Shinzo

■ Chief, Financial Administration Department	MURAICHI Satoru
■ Chief, Contract Department	ASARI Seiichi
■ Director, Student Affairs Division	ITO Yasushi
■ Chief, Student Academic Affairs Department	SAWADA Kayo
■ Chief, Student Guidance Department	NAKAMURA Katsuyuki
■ Chief, Admissions Department	HAYASHIDA Kouzou
■ Chief, Employment Support Office	NAGAO Hisayoshi
■ Director, Facilities and Environment Division	AMANO Ryo
■ Chief, Facilities Planning Department	TAKEDA Yuji
■ Chief, Maintenance Planning Department	MORIYA Akinori
■ Chief, Environmental Safety Department	KANNO Toshihiko
■ Chief, Research Promotion Department	YAMAZAKI Junishiro
■ Chief, Research Promotion Department	TAKEUCHI Arata
■ Chief, Regional Affairs Department	YAMADA Shuhei
■ Chief, Academic Information Department	KUDO Hirofumi

## Faculty of Humanities

■ Dean	IMAI Masahiro
■ Chief, Faculty Administration	MIURA Nobuyoshi

## Faculty of Education

■ Dean	ITO Shigeharu
■ Director, Center for Educational Research and Practice	OHTAKA Akifumi
■ Director, Teacher Education Research and Development	KITAHARA Keiji
■ Principal, Kindergarten	ASANO Kiyoshi
■ Principal, Elementary School	MIYAZAKI Shuichi
■ Principal, Junior High School	AZUMA Tohru
■ Principal, School for Special Needs Education	MATSUMOTO Toshiharu
■ Chief, Faculty Administration	NAGASAWA Atsushi

## Graduate School of Medicine

■ Dean	NAKAJI Shigeyuki
■ Director, Institute of Brain Science	WAKABAYASHI Koichi
■ Director, Center for Advanced Medical Research	ITO Ken
■ Director, Institute for Experimental Animals	UENO Shinya
■ Chief, Graduate School Administration	SAITO Nobuo

## Graduate School of Health Sciences

■ Dean	TSUSHIMA Hitoshi
■ Chief, Graduate School Administration	HASEGAWA Tadao

## University Hospital

■ Director, University Hospital	TOH Satoshi
■ Director, Administration Division	TERASAKA Kazunori



■ Chief, General Affairs Department	ISHIDOYA Masami
■ Chief, Management Planning Department	SANO Susumu
■ Chief, Accounting and Supply Department	FUKADA Koichi
■ Chief, Medical Affairs Department	SATO Satoru

## Graduate School of Science and Technology

■ Dean	YOSHIZAWA Atsushi
■ Director, Earthquake and Volcano Observatory	SATO Tamao
■ Chief, Graduate School Administration	OHTA Shuzo

## Faculty of Agriculture and Life Science

■ Dean	SASAKI Choichi
■ Director, Teaching and Research Center for Bio-coexistence	ISHIKAWA Ryuji
■ Gene Research Center	SANO Teruo
■ Chief, Faculty Administration	KAMEYA Sadakiyo

## Graduate School of Regional Studies

■ Dean	HIMAKI Mitsugu
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## Research Institute

■ Director, North Japan Research Institute for Sustainable Energy	MURAOKA Hirofumi
■ Director, The Shirakami Institute for Environmental Sciences	HIGAKI Daisuke
■ Director, Institute of Radiation Emergency Medicine	KASHIWAKURA Ikuo
■ Director, Research Institute of Food Science	SUZUKI Hiroyuki

## Interdisciplinary Research Facilities

■ Director, Center for General Education	KIMURA Norimi
■ Director, Computer and Communications Systems Center	KASAI Masumi
■ Director, Center for Education and Research of Lifelong Learning	SOGA Tohru
■ Director, Center for Joint Research	ITO Shunji
■ Director, Health Administration Center	TAKANASHI Shingo
■ Director, Radioisotope Laboratory	TSUCHIDA Shigeki
■ Director, Center for Instrumental Analysis	HASHIMOTO Masaru
■ Director, Office Organizing Workshops and Courses for the Teacher Qualification Renewal System	CHONAN Yukiyasu
■ Chief Editor, Hirosaki University Press	KOHRI Chizuko
■ Director, Hirosaki University Museum	HASEGAWA Seiichi
■ Director, International Education Center	NAKANE Akio
■ Director, Student Career Center	ISHIKAWA Yoshiro
■ Director, Office for the Intellectual Property	KATO Yoji
■ Director, Volunteer Center	OHKAWARA Takashi
■ Director, International Coalition Office	KANDA Kensaku

## University Library/Medical Branch Library

■ Director	HASEGAWA Seiichi
■ Director, Medical Branch Library	KURATA Kiyoshi

## Aomori Campus

■ Chief, Faculty Administration	FURUDATE Toshiki
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## Faculty of Humanities

The Faculty of Humanities promotes the simultaneous pursuit of academic specialization and diversity.

Although the Faculty of Humanities consists of three separate courses that, in spite of having different goals, all aim to help students develop an ability to take creative and innovative approaches to the problems they will face in an increasingly complex and diverse world that have been brought on by globalization and the information revolution. The Faculty therefore provides not only a specialized education in different areas of the humanities and social sciences, but also encourages its undergraduates to approach their studies from a multi-disciplinary point of view.

Courses	Chairs		
Humanities and Cultural Studies	Cultural Properties	Thought and the Literary Arts	Communication
Social Science and Social System Studies	International Society	Information and Behavior	Business and Management
Economics and Commercial Sciences	Economic Systems	Public Policy	



## Faculty of Education

A new teacher training program for a new age

The Faculty of Education has three divisions—the Teacher Training Division, the School Nurse Teacher Training Division, and the Community Education Training Division. In order to give the students the best possible training as teachers and specialists, educational research is carried out in the humanities, social sciences, natural sciences, art, physical education, and pedagogy. The attached Center for Educational Research and Practice, Center for Teacher Education Research and Development, Kindergarten, Elementary School, Junior High School, and School for Special Needs Education allow faculty members to test their findings and give the students an opportunity to experience teaching.

Courses	Chairs			
Teacher Training Division	Japanese Education	Social Studies Education	Mathematics Education	Natural Science Education
School Nurse Teacher Training Division	Music Education	Arts Education	Health and Physical Education	Technical Education
Community Education Training Division	Home Economics Education	English Education	School Health Science	School Education



## School of Medicine

Hirosaki University School of Medicine sets up its “objective and purpose” as follows:

- 1 To pursue the dignity of human beings and contribute to the advancement of medicine.
- 2 To educate physicians and medical scientists who are endowed with a high standard of medical knowledge and fulfill their duty in society with a broad outlook and supple thinking.
- 3 To promote studies of international standard in all aspects of basic and applied medical science.
- 4 To provide highly advanced medicine in cooperation with the local community.

Department	Chairs
Medicine	Note: Courses in the Graduate School of Medicine



## School of Health Sciences

Fostering of the health professions with advanced healthcare technology and well-rounded humanity

The School of Health Sciences is one of Japanese leading providers of health science education and comprises five departments. Through its predecessor (School of Allied Medical Sciences), it has had a long and distinguished history in the education of health professionals. The School is located at the Honcho campus and approximately 800 students are enrolled in the school. The mission of the School of Health Sciences is to provide high quality and relevant education for the health professions conducting research to improve the quality of life and well-being of individuals developing efficiency of health highly.

Department	Courses		
Health Sciences	Nursing Physical Therapy	Radiological Technology Occupational Therapy	Medical Technology



## Faculty of Science and Technology

Science and Technology create an affluent future of the world.

Through attentive education, the Faculty of Science and Technology aims to bring up creative engineers with rich personalities who will construct the highly information-oriented and high technology society of the 21st century. The educational curriculum is devised to simultaneously provide insight into our highly varied society and basic competence immutable in the field of science and technology. The Faculty also promotes research activities maintaining close cooperation with the local community.

Departments	Keywords			
Mathematical Sciences	Algebra	Geometry	Analysis	Applied Mathematics
Advanced Physics	Condensed Matter Physics	Surface and Interface Physics	Nano-Science	Cosmology/Cosmic Ray Physics
Frontier Materials Chemistry	Physical Chemistry	Organic Chemistry	Inorganic/Analytical Chemistry	Functional Materials Chemistry
	Bio-Related Chemistry			
Earth and Environmental Sciences	Astrophysics	Environmental Science of the Atmosphere and Hydrosphere	Solid Earth Science	Natural Disaster Prevention Technology
Electronics and Information Technology	Applied Electronics Materials	Electronic Information Devices	Applied Computer Science	Multimedia
Intelligent Machines and System Engineering	Sustainable Environment Conscious System (Environment Sensing Systems, Environment Conscious Engine Systems, Fire Safety Systems)			
	Medical Science and Engineering Technology (Science of Micro-Materials and Functions, Medical Micro-Device Systems, Robot and Intelligent Systems)			
	Note: The above are keywords for research fields in the Faculty of Science, as this Faculty does not have prescribed courses of study.			



## Faculty of Agriculture and Life Science

Focusing on both experiments and practical trainings in the fields of biology, agriculture, economics and system engineering

The Faculty of Agriculture and Life Science consists of the following five departments. The Department of Biology is designed to enable students to understand the mechanism of the life and to study the management and preservation of the natural environment. The Department of Biochemistry & Molecular Biology researches and applies the principal of the life to develop new biotechnology. The Department of Applied Biosciences provides students with a basic background necessary to ensure food and agricultural systems in relationship to human health. The Department of Agriculture and Horticulture aims to create production methods of garden products and basic food which harmonizes with the natural environment, and promotes the well being of the social economy system. The Department of Agricultural & Environmental Engineering creates a rich and comfortable environment for agricultural production and rural life. Each department offers two educational courses. The Faculty of Agriculture and Life Science has two teaching and research farms, in which students can gain practical experience in the fruit, vegetable, crop and animal production to acquire the foundations in the field of agriculture and life science.

Departments	Educational Courses	
Biology	Basic Biology	Ecology and Environmental Biology
Biochemistry and Molecular Biology	Life Science and Biochemistry	Applied Life Science
Applied Biosciences	Biotechnology	Plant Protection and Nutrition
Agriculture and Horticulture	Agriculture and Horticulture	Food and Agricultural Economics
Agricultural and Environmental Engineering	Irrigation, Drainage and Reclamation Engineering	Regional Environment



## Humanities and Social Sciences (Master's Course)

The Graduate School of the Humanities and Social Sciences is committed to the community and the globalized world.

Two courses of study are offered in the M.A. program: Cultural Studies and Applied Social Sciences. The goal of each is to turn out highly qualified graduates who can deal with the transformations and institutional reforms that are occurring at both the regional and the global levels of current society.

Courses	Cultural Studies	Applied Social Sciences

## Education (Master's Course)

For deeper knowledge and more practical skills

The Graduate School of Education has three courses—the School Education Course, the Curriculum Studies Course, and the Coordinated School-Health Education Course. Two years are required to obtain a Master's Degree. Graduate education is based on the courses in pedagogy and curriculum studies taught at our undergraduate level. The aim of the Graduate School is to train specialists in practical education who can also stimulate regional culture and pass on its traditions. Through its program in educational sciences, curriculum pedagogy, and specialized subjects, the Graduate School provides an in-service training program that helps teachers keep abreast of societal changes and the accompanying changes in moral values.

Courses	School Education	Curriculum Studies	Coordinated School Health (Yogo) Education

## Medicine (Doctoral Course)

Advanced education and research in medical science

The main objective of the graduate study program is to teach and research academic theories and their applications in the field of medicine. The program also aims to make contributions to the advancement of culture in general by fostering a deeper understanding of medicine. Through the course, students will expand the body of academic knowledge in their area of concentration to obtain highly developed research skills, which will prepare them to carry out independent research activities as medical researchers, and to perform other highly specialized professional duties after graduation.

Courses	Chairs			
Medical Science	Basic Medicine			
	Neuroanatomy, Cell Biology and Histology	Anatomical Science	Physiology	Biochemistry and Genome Biology
	Pharmacology	Pathology and Molecular Medicine	Pathology and Bioscience	Microbiology and Immunology
	Social Medicine	Forensic Medicine		
	Clinical Medicine			
	Gastroenterology and Hematology	Cardiology, Respiratory Medicine and Nephrology	Endocrinology and Metabolism	Medical Oncology
	Neuropsychiatry	Pediatrics	Thoracic and Cardiovascular Surgery	Gastroenterological Surgery
	Orthopaedic Surgery	Dermatology	Urology	Ophthalmology
	Otolaryngology	Radiology and Radiation Oncology	Obstetrics and Gynecology	Anesthesiology
	Neurosurgery	Dentistry and Oral Surgery	Plastic and Reconstructive Surgery	Emergency and Disaster Medicine
	Laboratory Medicine	Anatomic Pathology	Pediatric Surgery	Medical Informatics
	Integrated Medical Education	Pharmaceutical Science		
Affiliated Educational Research Facilities	Chairs			
Institute of Brain Science	Neuropathology	Vascular Biology	Neurophysiology	Neurology
Center for Advanced Medical Research	Stress Response Science	Glycotechnology		
Endowed Course	Advance Management of Cardiac Arrhythmias	Advanced Transplant and Regenerative Medicine	Community Medicine	
	Advanced Cardiovascular Therapeutics	Glycobiotechnology	Community Health Promotion	
	Social Health Management		Cancer Epidemiology and Community Health	
Institute for Animal Experimentation				

## Health Sciences

## Master's Course

## Training-up of the advanced health professionals with problem solving skills

There are two educational aims in the Health Science course. The first goal is to develop co-medical staff members who are highly competent and able to demonstrate leadership in clinical situations. The other is to continually make new findings based on research and education in health sciences, by increasing their skills and knowledge obtained during the undergraduate education program. And the training program provides course of advanced health professionals at radiation emergency medicine.

Courses

Health Sciences

## Doctoral Course

## Developing of educators and researchers with abundant originality and creativity

This course promotes the knowledge, the technology and the ability of basic research that were obtained during undergraduate education and research in the master's course. Through the course, students independently carry out original and academic research for the maintenance and promotion of people's health, and for the improvement in the QOL (quality of life) of patients. The main objective of the graduate study program is to train educators and researchers who have acquired broad knowledge, advanced learning in their specialty and who also maintain a high standard of ethics.

Courses

Health Sciences

## Science and Technology

## Master's Course

## With the Aim of Advanced Science and Technology Education

The Graduate School of Science and Technology (Master's Course) considers education as the most important duty, and aims to bring up highly specialized engineers who can adapt themselves to the progress and diversity of science and technology. The course provides advanced science and technology education under the consideration of the importance for the close connection between the education of the undergraduate program and that of the master's program.

Courses

Science and Technology

## Doctoral Course

## Creation of Advanced Science and Technology in the Future

The Graduate School of Science and Technology (Doctoral Course) consists of two courses of Advanced Materials Science and Technology and Safety Science and Technology. The former covers the development of useful materials and their application technology and the latter does crisis-controlling technology for natural and human-originating disasters in the highly developed society. Each course aims to bring up engineers who will be able to solve problems with a flexible and perspective consideration from the whole situation.

Courses

Advanced Materials Science and Technology

Safety Science and Technology

## Agriculture and Life Science (Master's Course)

## Advanced education and research in the field of Agriculture and Life Sciences

The master's program consists of five courses: "Biology," "Biochemistry & Molecular Biology," "Applied Biosciences," "Agriculture & Horticulture," and "Agricultural & Environmental Engineering." Students may choose one of two academic programs depending on their future plans: the academic research program (training of researchers) or practical research program (training of technical experts). The Master's degree in Agriculture and Life Sciences is awarded to those who have earned enough credits and have submitted an approved dissertation. We aim to cultivate those highly advanced specialists who possess a broad understanding of technique and can contribute to the development of the expert community, those superior engineers with international vision, who can meet the demands of the times and the challenges of cutting edge research.

Courses

Agriculture and Life Sciences

## Regional Studies (Doctoral Course)

## Educating professionals with advanced skills

The Graduate School of Regional Studies trains individuals who deal concretely with the peculiar subjects of regions. This educational institution, set up in 2002, produces practical findings and aims to actively contribute to the realization of a vibrant regional society.

The Graduate School of Regional Studies is an independent 3 year doctor's course composed of Regional Industrial Studies, Regional Cultural Studies and Regional Political Studies. It grants a Doctoral Diploma to supervised students after their 3 years of study and publication of research and thesis, and counts many professionals involved with different aspects of the regional society enrolled.

Courses

Regional Studies

## The United Graduate School of Agricultural Sciences, Iwate University (Doctoral Course)

## Training of international researchers and specialists with the ability to resolve various problems

The United Graduate School of Agricultural Science (UGAS) was established by the unity of scientists, institutions and equipment of the three Master's Courses (Agriculture, or Agriculture and Life Science) of Hirosaki, Iwate and Yamagata Universities and the Master's Course (Animal Husbandry) of Obihiro University of Agriculture and Veterinary Medicine. Each graduate school is characterized by unique activities of education and research. The objectives of UGAS are to promote advanced techniques and interdisciplinary research in the scientific fields of bio-production, bio-resources, biotic environment through the establishment of education and research systems and cryobiosystems sciences in four graduate schools, which are located in northern Japan. UGAS intends to raise scientists and technical experts with advanced knowledge and great scholarship in their specialized fields and to contribute to the progress of academic studies, the development of agricultural and related industries, and the prosperity of local and global communities. As a member of the global community, UGAS actively accepts international students, who are on the increase recently.

Specialty  
Courses

Bioproduction Science

Bioresources Science

Cryobiosystems Science

Biotic Environment Science







### North Japan Research Institute for Sustainable Energy

Founded in Oct. 2010

North Japan Research Institute for Sustainable Energy (NJRISE) is conducting Research & Development and Education on unique renewable energy system in cold region with a view towards realization of a sustainable low-carbon society. 4 main research fields are included: (1) Fuel cell & biomass: developments of low-cost and high-performance materials for fuel cells, advanced biomass energy conversion technology, and best-mixed environmental energy systems; (2) Electric vehicles: developments of elemental technologies for cold regionally-specified EV and torque sensors for SBW system; (3) Geothermal Energy: assessment of geothermal potentials, development of moderate- and low-temperature geothermal key-element technologies, and innovation of geothermal energy utilization systems; (4) Advanced energy materials: low-cost and large-scale production of solar-cell-grade silicon by direct reduction of silica, and development of thermoelectric conversion materials. In addition, NJRISE is developing advanced technologies related to wind and tidal power generations as well as energy conservation.



### The Shirakami Institute for Environmental Sciences

Founded in Oct. 2010

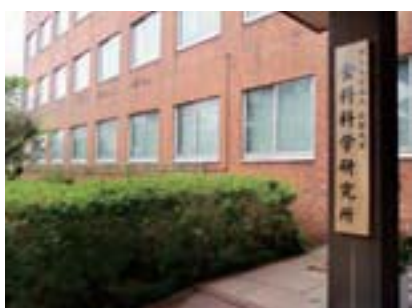
The Shirakami-Sanchi as a World Natural Heritage site is an area of a pristine ecosystem with its rich flora and fauna found in primeval Japanese beech forests. Research into its ecosystem and genetic properties should be pursued further. While the Japanese beech forests in the area are feared to shrink because of the global warming, it is becoming all the more important to examine the gravity of the global warming and to accumulate data of weather changes. The Shirakami-Sanchi is also an important place where we can teach elementary-school children about environmental issues, which will contribute to making them interested in science. Thus our institute will proceed with such important tasks as research into flora and fauna, environmental education, and examination of the influence of the global warming.



### Institute of Radiation Emergency Medicine

Founded in Oct. 2010

Nuclear facilities are operating in Aomori Prefecture and the preparedness for radiation emergency is of cardinal importance for the foundation of energy policy of our country. Institute of Radiation Emergency Medicine promotes the research on radiation emergency and supports the education in the faculties and graduate schools in Hirosaki University and generates various professionals required in nuclear and medical facilities in Aomori and all over Japan.



### Research Institute of Food Science

Founded in March, 2013

In March 25, 2013, the Research Institute of Food Science was established on the Aomori Campus (Yanagawa Area) of Hirosaki University. Because of the geographical and climate conditions, Aomori Prefecture has a number of products, including agricultural and marine resources. The institute carries out a wide range in the field of food science including studies for increasing value of agricultural and marine products, for preservation and utilization of marine resources, and for new food production technologies. In addition, programs for "Shokuiku" (Food and Nutrition Education) will be developed to suggest that a society with healthy longevity can be achieved through community-based Shokuiku. These research activities may contribute toward maintaining healthy lifestyles and improving dietary habits through the promotion of the agricultural and food industries.



## University Hospital

Focusing on the provision, development and education of advanced medical care based on bioethics.

Since 1944, Hirosaki University Hospital has been continuing to develop as one of the most distinguished centers for medical care, clinical research and medical education in the northern part of Japan.

Hirosaki University Hospital works for its "mission and goal":

1. To provide safe, highest quality and state-of-the-art medical care.
2. To pioneer highly advanced and cutting-edge medical technologies and care.
3. To foster outstanding professionals including MDs and co-medicals.
4. To be a cardinal institute where medical professionals collaborate and cooperate to contribute to the local community health.

### Clinics

Gastroenterology	Neuro-Psychiatry	Otorhinolaryngology
Hematology	Pediatrics	Radiology
Rheumatology	Thoracic Surgery	Obstetrics and Gynecology
Cardiology	Cardiovascular Surgery	Anesthesiology
Respiratory Medicine	Gastroenterological Surgery	Neurosurgery
Nephrology	Breast Surgery	Plastic and Reconstructive Surgery
Endocrinology	Endocrine Surgery	Pediatric Surgery
Diabetology	Orthopaedic Surgery	Dentistry and Oral Surgery
Infectious Diseases	Dermatology	Anatomic Pathology
Neurology	Urology	Division of General Medicine
Medical Oncology	Ophthalmology	Emergency and Disaster Medical Center

## Emergency and Disaster Medical Center



The "Emergency and Disaster Medical Center" is an advanced emergency care center equipped and ready for radiation exposure and other hazards.

[Aerial Photo]

↓ Building

↓ Heliport

## Beds

As of May 1, 2013

Clinical Divisions	Distribution of Beds		
	Ordinary	Psychiatry	Infectious
Gastroenterology/Hematology/Rheumatology	37		
Cardiology/Respiratory Medicine/Nephrology	49 (59)		
Endocrinology/Diabetology/Infectious Diseases	36		
Neurology	9		
Medical Oncology	10		
Neuro-Psychiatry		41	
Pediatrics	37		
Thoracic/Cardiovascular Surgery	25		
Gastroenterological/Breast/Endocrine Surgery	45		
Orthopaedic Surgery	40		
Dermatology	12		
Urology	37		
Ophthalmology	36		
Otorhinolaryngology	36		
Radiology	17		
Obstetrics and Gynecology	38		
Anesthesiology	6		
Neurosurgery	27		
Plastic and Reconstructive Surgery	15		
Pediatric Surgery	6		
Dentistry and Oral Surgery	10		
Infectious Disease			6
Auxiliary Beds	6		
RI	5		
Intensive Care Unit	10		
Intensive Chemotherapy Unit	4		
Neonatal Intensive Care Unit	6		
Growing Care Unit	10		
Emergency and Disaster Medical Center	20 (10)		
Total	589	41	6

※1 10 beds for recovering patients in the Emergency and Disaster Medical Center are included in the number of beds in ( ).

※2 10 beds for recovering patients are not included in the number of beds in ( ).



Disaster Medical Assistance Team



Positron Emission Computed Tomography



da Vinci Surgical System

## Patients

Fiscal Year 2012

Clinical Divisions	Inpatients		Outpatients	
	Total	Per Day	Total	Per Day
Gastroenterology/Hematology/Rheumatology	11,135	30.5	27,181	110.9
Cardiology/Respiratory Medicine/Nephrology	21,334	58.4	26,007	106.2
Endocrinology/Diabetology/Infectious Diseases	10,475	28.7	25,921	105.8
Neurology	2,800	7.7	7,165	29.2
Medical Oncology	3,575	9.8	6,227	25.4
Neuro-Psychiatry	9,769	26.8	27,051	110.4
Pediatrics	13,385	36.7	7,840	32.0
Thoracic/Cardiovascular Surgery	9,413	25.8	5,028	20.5
Gastroenterological/Breast/Endocrine Surgery	15,593	42.7	14,142	57.7
Orthopaedic Surgery	15,968	43.7	38,482	157.1
Dermatology	4,473	12.3	15,755	64.3
Urology	13,242	36.3	17,114	69.9
Ophthalmology	8,202	22.5	24,577	100.3
Otorhinolaryngology	11,321	31.0	14,406	58.8
Radiology	6,962	19.1	45,992	187.7
Obstetrics and Gynecology	12,359	33.9	24,333	99.3
Anesthesiology	959	2.6	17,228	70.3
Neurosurgery	10,246	28.1	6,865	28.0
Plastic and Reconstructive Surgery	4,683	12.8	4,055	16.6
Pediatric Surgery	1,967	5.4	2,142	8.7
Division of General Medicine	—	—	468	1.9
Emergency and Disaster Medical Center	698	1.9	560	2.3
Dentistry and Oral Surgery	3,468	9.5	11,935	48.7
Total	192,027	526.1	370,474	1,512.1

Note  
Medical Consultations: 245 Days

Classification	(2008)	(2009)	(2010)	(2011)	(2012)
Number of Inpatients	196,770	194,636	196,616	194,669	192,027
Number of Outpatients	350,067	357,674	361,296	370,401	370,474



The Hirosaki University Library was established in May 1949, and now consists of the Main Library, the Medical Branch. The total number of volumes is about 830,000. In addition to books and serials for study and research, electronic materials such as DVD databases and online facilities which include 8,800 titles of online journals are also available. Service is offered throughout the week (with the exception of Saturday and Sunday during seasonal vacations) to not only members of the University, but also visitors from the community (though such service is restricted). Various information, guides for users, catalogues, online journals, study information in the University etc., are available via the Library's webpages.



University Library

## Volumes

As of March 31, 2012

Divisions	Main Library		Medical Branch		Total
	Japanese and Chinese	Other Foreign Books	Japanese and Chinese	Other Foreign Books	
Total	496,159	162,579	100,122	74,871	833,731

## Library Usage

Fiscal Year 2012

Divisions	Days Open	Visitors	Book Loans	
			Persons	Books
Main Library	302	201,812	21,318	39,448
Medical Branch	329	36,562	8,368	14,739
Total		238,374	29,686	54,187



Peter Pan, Barrie Collection



## Center for General Education

Founded in Oct. 2001

The Center for General Education (CGE) has determined that the general education program at Hirosaki University should provide all students with the fundamental skills they will need to be successful citizens of the 21st century. The CGE, guided by the basic principles established by the Hirosaki University Education and Research Council, is responsible for designing and adjusting general education programs, improving general education content and methods, and carrying out promotional and informational activities, while continually reassessing and evaluating its performance.



## Computer and Communications Systems Center

Founded in June 1994

The C&C Systems Center is one of divisions that support overall activities of Hirosaki University concerning computing and networking. This is due to 616 personal computers, servers and networks devices carefully maintained by the staff of the center. They also play the role of one of SINET's nodes as a base of SINET. This really contributes the world wide Internet community.



## Center for Education and Research of Lifelong Learning

Founded in May 1996

As part of our effort to create a more open university, we, in conjunction with local governments throughout Aomori Prefecture, offer lectures open to the public. Moreover, in order to promote lifelong learning for local residents, we are conducting surveys and undertaking related research projects on the living situations, the learning needs as well as the issues (including medical and social welfare issues) that are of greatest concern to the community.



## Center for Joint Research

Founded in Apr. 1997

The Center for Joint Research is a think-tank which keeps close touch with local communities. The Center aims at promoting science and technology, developing industries and advancing the lives of people in the local area. The Center is achieving its goals by sharing the academic assets, including patented technology, and information accumulated at the Hirosaki University with industries, etc. and by conducting joint research activities.



## Health Administration Center

Founded in June 1967

The Health Administration Center aims to offer the best physical and mental health services for students and staff to lead healthy lives on campus. We offer medical examinations, first aid, health consultation, mental health counseling, and research for health maintenance and illness prevention for all students and staff.



### Radioisotope Laboratory

Founded in Oct. 1999

Radioisotope laboratory is dedicated for education, and basic and applied researches using radioisotopes in the University.



### Center for Instrumental Analysis

Founded in Sep. 2003

Center for Instrumental Analysis accommodates high-performance analytical instruments and promotes efficient common use of them in order to improve research activities in Hirosaki University. Furthermore, the center opens its facilities to private companies and public institutes in Aomori prefecture to support their research and development.

### Office Organizing Workshops and Courses for the Teacher Qualification Renewal System

Founded in Oct. 2008

The Office Organizing Workshops and Courses for the Teacher Qualification Renewal System, drawing upon the distinctive features of this four-year, five-faculty university, offers courses that conform to the goals of the teacher qualification renewal system, and by doing so aims to contribute to local society.



### Hirosaki University Press

Founded in June 2004

Hirosaki University Press was founded on the occasion of the establishment of National University Corporation Hirosaki University. The press distributes and promotes scholarly researches to be published in Hirosaki University and Tohoku region. Hirosaki University Press could associate with the Association of Japanese University Presses on May, 2007, thereby contributing to the progress of education and research in Japan.



### Hirosaki University Museum

Founded in Oct. 2012

Hirosaki University Museum was opened as the theme of "Hirosaki University, past to the future." We display condensed extract of Hirosaki University including the history from each previous school such as the government establishment Hirosaki high school where Osamu Dazai studied to current university and various results of research to be connected to the future.



## International Education Center

Founded in Apr. 2013

The International Education Center, reorganized in April 2013 from The International Exchange Center, is addressing a variety of activities to promote education that focuses on cross-cultural understanding at Hirosaki University. The new mission of this center is to promote Global Human Resource Development, so students will be prepared for future challenges working in the global field. We provide support and instruction to both international students studying at Hirosaki University and Japanese students who wish to study abroad. The center also offers English classes to promote international communication, runs the English Lounge and supports international activities with the local communities.



## Student Career Center

Founded in Apr. 2004

Our center provides opportunities for students to obtain a wide view of human society and employment, and to find jobs. To these ends, we offer education to improve careers, internship arrangements, guidance for employment, mediation between students and companies, and consultation, etc.



## Office for the Intellectual Property

Founded in Apr. 2004

The Office for the Intellectual Property will return the inventions and achievements of professors and researchers in Hirosaki University to society in the form of intellectual property. As a result, the third mission of the university, to “contribute to society” will be realized.



## Hirosaki University Volunteer Center (HUVVC)

Founded in Oct. 2012

With the Great East Japan Earthquake as a trigger, Hirosaki University Volunteer Center was established. HUVVC acts as a bridge between Hirosaki University and local governments, NPOs to perform volunteer dispatch smoothly. HUVVC aims for collaboration with local people in solving regional problems. Concurrently, HUVVC connects students to local people and provides a place of education to enrich humanity and specialization.






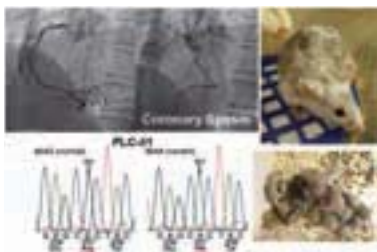
## International Coalition Office

Founded in Apr. 2013







International Coalition Office performs the plan drafting of the measure to affect globalization promotion of Hirosaki University. Through the interchange with University-wide Agreements, it is intended to contribute to the further globalization of education and research.






Hirosaki University has organized extraordinary groups of researchers specializing in education, investigation and contribution to society. These centers belong to the various faculties and graduate schools.

Faculty	Center	Director
Faculty of Humanities		<b>Employment Policy Research Center (EPRC)</b>   Professor LEE Youngjun <p>The Employment Policy Research Center(EPRC) undertakes research and conducts surveys regarding such issues as the employment outlook for young people just entering the job market, the inclination of workers to relocate, and business ideas for entrepreneurs. We hope that the published results and proposed policies will help bring about solutions for the employment problems found in Aomori today.</p>
		<b>Center for Research of Kamegaoka Culture</b>   Professor SEKINE Tatsuhito <p>The center participates in excavations and surveys of final Jomon sites in the area. It collects related materials and promotes the study of Kamegaoka culture from many disciplinary perspectives. The center also organizes exhibitions in order to make its research findings more accessible to the public and to stimulate regional cultural development.</p>
Faculty of Education		<b>The International Music Center</b>   Professor WADA Mikio <p>HIMC aims at:</p> <ol style="list-style-type: none"> <li>1. Contributing to the cultural exchange between musicians and scholars from around the world.</li> <li>2. Facilitating and encouraging music education.</li> <li>3. Researching and documenting on the regional music.</li> </ol> <p>Within this framework on care for music and music education HIMC works in collaboration domestically and internationally with musicians, music educators, scholars, administrators and those who are interested in music industry to promote researches at Hirosaki University and music culture in the prefecture of Aomori.</p>
		<b>Special Support Education Center</b>   Professor ANDO Fusaji <p>The objects of this center are development and research of teaching methods for developmental disabilities, and to provide the opportunity of teacher training for students and in-service training for teachers of public schools.</p>
Medicine		<b>Cardiovascular Research Center</b>   Professor OKUMURA Ken <p>To clarify the cause of cardiovascular diseases and to provide highly advanced medicine, the center aims at the consistent education and the research from molecular level to living body level (translational research) based on the cooperation between basic and clinical departments.</p>



Faculty	Center	Director
Medicine		<b>Comprehensive Cancer Center</b>   Professor TAKAI Yoshihiro  The comprehensive cancer center promotes an enhancement of cancer therapy in the hospital, advanced education in Oncology and translational research for experimental and clinical fields.
		<b>Center for Health Sciences, Sports and Exercise Medicine</b>   Professor NAKAJI Shigeyuki  The center aims to promote, support and maintain good health for all through sport and exercise.
		<b>Transplantation Research Center</b>   Professor OHYAMA Chikara  This research center is composed of researchers from the departments of Glycotechnology, Microbiology and Immunology, Digestive Surgery, Cardiology, Respiratory Medicine and Nephrology, Pediatrics, Anesthesiology, Urology, Health Promotion and Disability and Health, and was established to promote co-operative comprehensive transplantation research.
Health Sciences		<b>Community Health Care Support Center</b>   Professor TUSHIMA Hitoshi  The mission of the Community Health Care Support Center is to support the activities such as the prevention of lifestyle-related diseases and falls of aged people. This center is conducted by the multidisciplinary staff, including nursing, physical therapy and occupational therapy, in the division of Health Sciences, and plays a role as a collaborator for health care in the community.
		<b>Nurses' Ability Development Support Center for Client Education</b>   Professor ICHINOHE Tomoko  This center aims to promote the ability of the nurses including public health nurses and midwives for patient teaching. We provide the nurses with practical support and perform research in the Nurses Support Section and the Research/Development Section for this purpose.
		<b>Research Center for Biomedical Sciences</b>   Professor KASHIWAKURA Ikuo  This center aims at the promotion and improvement in education and research activities from cooperation of the member of the Hirosaki University Graduate School of Health Sciences. The member is currently performing education and research activities focusing on the project that is one of the Hirosaki University Institutional Research.

Faculty	Center	Director
Science and Technology		<b>Advanced Medical Engineering R&amp;D Center</b>   Professor ONO Toshiro <p>We challenge an advanced interdisciplinary study field of the medical science and engineering technology, and contribute to improve the Quality of Life through the development of surgical operation support system and medical devices based on the micro/nano-technology.</p>
		<b>Liquid Crystal Materials Research Center</b>   Professor YOSHIZAWA Atsushi <p>The research center is organized along several main themes: discovery of novel LC phases and materials; development of LC materials with a fast response speed for display devices; investigation of a new chemical reaction process in a lyotropic LC phase; and study of biological activity of liquid crystal-related compounds.</p>
		<b>R&amp;DC for Next Generation Leading Edge IT Technologies</b>   Professor FUKASE Masaaki <p>The core technologies we exploit for next generation IT infrastructure are a power conscious high speed ubiquitous processor, a network troubles protecting processor and optical semiconductor devices for a next generation network, new material green devices, very large scale simulation and data processing, and computer-human interface.</p>
Faculty of Agriculture and Life Science		<b>Research Center for Ecological Advanced Materials</b>   Professor ITO Shunji <p>The research center for ecological advanced materials aims to develop materials that put low stress on the environment for the next generation on basis of carbon-based and superconducting materials and device construction utilizing the ecological advanced materials to create an affluent future of the world.</p>
		<b>Research Center for the Promotion of the Apple Industry</b>   Professor ARAKAWA Osamu <p>The main purpose of this center is to promote the apple industry throughout Aomori Prefecture and in the Tsugaru area in particular. Faculty members connected with the Center conduct research on problems related to the apple industry and offer open lectures and symposiums on these issues. The "Apple Talk" series, which bring together speakers from within and from outside the university, have provided one such forum for the dissemination of apple-industry related information.</p>
		<b>Research Center for Rice Biomass</b>   Professor SASAKI Choichi <p>Bioethanol is an alcohol made by fermenting organic matter, typically corn, sugar cane or rice. Rice production for bioethanol will make better use of rice paddies sitting empty and lead to the local revitalization. The research center will improve production of bioethanol from rice.</p>

Faculty	Center	Director
Faculty of Agriculture and Life Science	 	<b>RNA Research Center</b>   Professor HIMENO Hyouta <p>RNA Research Center investigates versatile RNAs of unknown functions and the related biological systems to reveal their molecular structures, functions and physiological roles, leading to a new concept and a novel application in the field of life science.</p>
		<b>Sea Cucumber Research Center</b>   Professor SHIBUYA Chousei <p>Sea Cucumber Research Center investigates the following subjects.</p> <ol style="list-style-type: none"> <li>1) The center aims at the development of the new technique and theory to promote the sea cucumber aquaculture in Mutsu bay.</li> <li>2) Sea cucumbers collected all over the world are classified, and exhibit to the center as aspecimen for the research and education.</li> <li>3) The center promotes the functionality research of sea cucumber and the search for a novel useful substance.</li> <li>4) The center researches the environmental conservation of Mutsu bay through the sea cucumber.</li> </ol>

### Hirosaki University Institutional Research 2012

In order to carry out the research goals of the "Midterm Plan and Objectives," We chose only the highest quality themes to represent this institution and receive official Hirosaki University Research status. First, potential projects were reviewed by a committee of judges, which included outside evaluators. Next, researchers defended their projects in an oral interview and underwent the president's evaluation. Along with new entries, three ongoing research projects were evaluated each time to decide whether they merited continued support. In addition, themes that were expected to develop institutional research were given priority and special support, as designated by the president. Themes having a clear connection to restoration and reconstruction after the Great East Japan Earthquake were given high priority, with the aim to have research develop as quickly as possible.

#### Institutional Research

Faculty	Title	Representative	Title of the Research	Divisions (the Year of Start)
Medicine	Associate Professor	YAMADA Katsuya	Metabolic imaging-based tumor-cell evaluation and developmental strategy for a new diagnosis/treatment of cancer	New (2012)
Medicine	Professor	NAKAJI Shigeyuki	Comprehensive cohort study on the etiology and prevention of modern diseases	New (2012)
Science and Technology	Professor	OKAZAKI Masaaki	Transformation of Inert Carbon-Resources into Valuable Compounds on Polymetallic Reaction Sites Sites Composed of Common Metals	Continued (2011)
Faculty of Agriculture and Life Science	Professor	HIMENO Hyouta	Biological systems from the point of view of RNA	Continued (2010)

#### Priority Research Designated by the President

Faculty	Title	Representative	Title of the Research
Medicine	Professor	ITO Ken	Elucidation of noval stress response mechnnisms based on the analysis of crosstalk between the subcellular structures.
Medicine	Professor	SHOUJI Mikio	The development of epochal disease modifying drugs by novel approach for clarifying pathogenesis of cognitive impairment.

#### Research Projects Related to the Great East Japan Earthquake

Faculty	Title	Representative	Title of the Research	Divisions (the Year of Start)
Faculty of Humanities	Professor	LEE Young Jun	A study of a Reconstruction Plan considering QOL in the North Rias Area after the Great East Japan Earthquake: A Sociological, Economic and Legal Approach.	New (2012)
Health Sciences	Professor	KASHIWAKURA Ikuo	Radiological research program for the Great East Japan Earthquake.	Continued (2011)

## President, Executive Director, Auditor

President	Executive Director and Vice President	Auditor	Assistant to the President	Total
1	5	2(1)	5(4)	13(5)

Note: Part-time positions shown in parentheses

Divisions	Professors	Associate Professors	Lecturers	Assistant Professors	Research Associates	Teachers of Attached School	Subtotal	Other Staff	Total
Total Number of Present Employees	228	203	101	181	41	99	853	982	1,835
Administration Bureau	—	—	—	—	—	—	—	172	172
Faculty of Humanities	41	30	10	—	—	—	81	8	89
Faculty of Education	49	26	12	—	1	99	187	15	202
Graduate School of Medicine	38	33	19	72	12	—	174	19	193
Graduate School of Health Sciences	29	15	19	26	6	—	95	8	103
University Hospital	—	10	34	55	21	—	120	706	826
Graduate School of Science and Technology	31	41	3	13	1	—	89	23	112
Faculty of Agriculture and Life Science	27	31	—	11	—	—	69	23	92
Graduate School of Regional Studies	2	1	—	—	—	—	3	—	3
North Japan Research Institute for Sustainable Energy	4	4	—	—	—	—	8	—	8
The Shirakami Institute for Environmental Sciences	1	1	—	1	—	—	3	—	3
Institute of Radiation Emergency Medicine	3	—	—	3	—	—	6	2	8
Center for General Education	—	1	—	—	—	—	1	—	1
Computer and Communications Systems Center	—	1	—	—	—	—	1	—	1
Center for Education and Research of Lifelong Learning	—	1	1	—	—	—	2	—	2
Center for Joint Research	1	—	—	—	—	—	1	—	1
Health Administration Center	1	1	1	—	—	—	3	2	5
Radioisotope Laboratory	—	—	—	—	—	—	—	1	1
International Education Center	1	6	2	—	—	—	9	—	9
Student Career Center	—	1	—	—	—	—	1	—	1
Radioisotope Laboratory	—	—	—	—	—	—	—	3	3



## Application and Matriculation

Fiscal Year 2013

Divisions		Annual Admission Capacity	Applicant Capacity				Enrollment Capacity		
			M	F	Total	Competition Rate	M	F	Total
Faculty of Humanities		345	577	562	1,139	3.30	185	163	348
Faculty of Education		240	381	541	922	3.84	100	142	242
School of Medicine (Medicine)		107	673	342	1,015	9.49	67	40	107
School of Medicine (Health Sciences)		200	296	467	763	3.82	69	131	200
Faculty of Science and Technology		300	810	177	987	3.29	257	49	306
Faculty of Agriculture and Life Science		185	589	377	966	5.22	121	68	189
Total		1,377	3,326	2,466	5,792	4.21	799	593	1,392
GRADUATE SCHOOLS	Humanities and Social Sciences (Master's Course)	16	9	6	15	0.94	7	3	10
	Education (Master's Course)	32	21	29	50	1.56	16	21	37
	Medicine (Doctoral Course)	50	29	15	44	0.88	28	15	43
	Health Sciences (Master's Course)	25	13	14	27	1.08	13	14	27
	Health Sciences (Doctoral Course)	9	8	6	14	1.56	8	6	14
	Science and Technology (Master's Course)	90	110	8	118	1.31	85	6	91
	Science and Technology (Doctoral Course)	8	8	0	8	1.00	7	0	7
	Agriculture and Life Science (Master's Course)	60	31	18	49	0.82	29	13	42
	Regional Studies (Doctoral Course)	6	5	3	8	1.33	5	3	8
Total		296	234	99	333	1.13	198	81	279

Note: International students admitted under special circumstances are excluded.

## Regional Distribution of Entrants

Fiscal Year 2013

Divisions	Enrollment Capacity	Regional Distribution						
		Hokkaido	Tohoku		Kanto	Chu-bu	Kinki	Other
			Aomori Pref.	Other pref.				
Faculty of Humanities	348	111	134	88	9	5	1	0
Faculty of Education	242	38	105	66	21	10	0	2
School of Medicine (Medicine)	107	4	42	10	36	6	5	4
School of Medicine (Health Sciences)	200	45	98	48	3	4	0	2
Faculty of Science and Technology	306	132	109	40	12	7	2	4
Faculty of Agriculture and Life Science	189	58	54	32	20	18	3	4
Total	1,392	388	542	284	101	50	11	16

## Second-Year-Transfer Student

Fiscal Year 2012

Divisions	Annual Admission Capacity	Applicant Capacity				Enrollment Capacity		
		M	F	Total	Competition Rate	M	F	Total
School of Medicine (Medicine)	20	258	84	342	17.10	20	0	20

Note: October 1, 2012 admission to the School of Medicine was possible.

## Third-Year-Transfer Student

Fiscal Year 2013

Divisions	Annual Admission Capacity	Applicant Capacity				Enrollment Capacity		
		M	F	Total	Competition Rate	M	F	Total
School of Medicine (Health Sciences)	30	8	22	30	1.00	0	7	7
Faculty of Science and Technology	10	17	2	19	1.90	3	1	4
Faculty of Agriculture and Life Science	*a few	4	7	11	—	1	3	4
Total	40	29	31	60	1.50	4	11	15

Note: The sign \* is the number of unqualified candidates

## Undergraduates

As of May 1, 2013

Faculties	Departments and Courses	Annual Admission Capacity	Second year Transfer Student	Third year Transfer Student	Enrollment Capacity	Actual Enrollment													Total
						Freshmen		Sophomores		Juniors		Seniors		5th year		6th year			
						M	F	M	F	M	F	M	F	M	F	M	F		
Humanities	Information and Management Science	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	2	
	Humanities and Cultural Studies	115	—	—	460	42	74	45	74	32	85	53	84	—	—	—	—	489	
	Social Science and Social System Studies	110	—	—	440	61	52	53	57	51	59	69	76	—	—	—	—	478	
	Economics and Commercial Sciences	120	—	—	480	85	38	84	38	88	33	111	40	—	—	—	—	517	
	Subtotal	345	—	—	1,380	188	164	182	169	171	177	235	200	—	—	—	—	1,486	
Education	Teacher Training Division	145	—	—	580	68	75	79	77	70	73	71	91	—	—	—	—	604	
	School Nurse Training Division	25	—	—	100	1	24	—	26	—	25	—	25	—	—	—	—	101	
	Community Education Training Division	70	—	—	280	31	43	32	47	31	38	28	55	—	—	—	—	305	
	Subtotal	240	—	—	960	100	142	111	150	101	136	99	171	—	—	—	—	1,010	
Medicine	Medicine	107	20	—	712	68	40	68	43	100	39	96	32	73	43	88	23	713	
	Health Sciences	200	—	30	860	69	131	78	123	76	129	86	140	—	—	—	—	832	
	Subtotal	307	20	30	1,572	137	171	146	166	176	168	182	172	73	43	88	23	1,545	
Science and Technology	Electronic and Information System Engineering	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	
	Mathematical Sciences	40	—	—	160	34	7	34	7	31	7	40	7	—	—	—	—	167	
	Advanced Physics	40	—	—	160	34	7	34	5	38	5	44	4	—	—	—	—	171	
	Frontier Materials Chemistry	46	—	—	184	38	8	39	8	37	10	50	11	—	—	—	—	201	
	Earth and Environmental Sciences	58	—	—	232	41	18	39	18	42	16	47	17	—	—	—	—	238	
	Electronics and Information Technology	58	—	—	232	57	4	56	3	58	4	65	6	—	—	—	—	253	
	Intelligent Machines and System Engineering	58	—	—	232	54	5	55	3	53	7	71	3	—	—	—	—	252	
	Common Faculty	—	—	10	20	—	—	—	—	3	1	4	1	—	—	—	—	8	
	Subtotal	300	—	10	1,220	258	49	257	44	262	50	322	49	—	—	—	—	1,291	
Agriculture and Life Science	Biochemistry and Biotechnology	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	2	
	Bioproduction	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	2	
	Regional Environmental Science	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	
	Biology	40	—	—	160	21	19	25	17	21	23	28	20	—	—	—	—	174	
	Biochemistry and Molecular Biology	40	—	—	160	24	17	22	17	17	26	25	22	—	—	—	—	170	
	Applied Biosciences	35	—	—	140	22	14	18	17	21	14	17	26	—	—	—	—	149	
	Agriculture and Horticulture	40	—	—	160	29	13	19	21	28	13	24	17	—	—	—	—	164	
	Agricultural and Environmental Engineering	30	—	—	120	25	6	20	9	24	5	20	9	—	—	—	—	118	
	Subtotal	185	—	—	740	121	69	104	81	111	81	118	95	—	—	—	—	780	
Total		1,377	20	40	5,872	804	595	800	610	821	612	956	687	73	43	88	23	6,112	

## Graduate Schools

As of May 1, 2013

Divisions		Annual Admission Capacity	Enrollment Capacity	Actual Enrollment								Total
				Freshmen		Sophomores		Juniors		Seniors		
				M	F	M	F	M	F	M	F	
Graduate Schools	Humanities and Social Sciences (Master's Course)	16	32	7	3	5	12	—	—	—	—	27
	Education (Master's Course)	32	74	16	21	21	22	—	—	—	—	80
	Medicine (Doctoral Course)	50	200	30	16	34	13	34	15	57	22	221
	Medicine (Doctoral Course) (before reorganization)	—	—	—	—	—	—	—	—	—	1	1
	Health Sciences (Master's Course)	25	50	13	14	16	9	—	—	—	—	52
	Health Sciences (Doctoral Course)	9	27	8	6	5	3	8	7	—	—	37
	Science and Technology (Master's Course)	90	170	86	6	77	16	—	—	—	—	185
	Science and Technology (Doctoral Course)	8	24	10	—	6	2	11	1	—	—	30
	Agriculture and Life Science (Master's Course)	60	120	31	18	27	15	—	—	—	—	91
	Regional Studies (Doctoral Course)	6	18	5	3	2	4	18	6	—	—	38
	Subtotal	296	715	206	87	193	96	71	29	57	23	762
The United Graduate School of Agricultural Sciences, Iwate University (Doctoral Course) Note: The current figure indicates the number of students who belong to Hirosaki University (supervising educators)		32	96	3	1	5	1	4	1	—	—	15
Total		328	811	209	88	198	97	75	30	57	23	777

## Attached School (Faculty of Education)

As of May 1, 2013

Divisions	Enrollment Capacity	Classes	Actual Enrollment						Total
			1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	
Kindergarten	130	5	3years 28	4years 29	5years 29	—	—	—	86
Elementary School	726	21	102	90	92	111	103	104	602
Junior High School	600	15	200	188	188	—	—	—	576
School for Special Needs Education			Lower		Middle		Higher		
(Elementary)	18	3	5		5		6		16
(Junior High)	18	3	6	4	6	—	—	—	16
(Senior High)	24	3	8	8	8	—	—	—	24
Total	1,516								1,320

## Undergraduates

Fiscal Year		(1950-2007)	(2008)	(2009)	(2010)	(2011)	(2012)	Total
Divisions								
Faculty of Arts and Science		1,392	—	—	—	—	—	1,392
Faculty of Humanities		9,848	348	317	308	318	336	11,475
Faculty of Education	4 Year Course	15,040	247	261	244	241	235	16,268
	2 Year Course	1,613	—	—	—	—	—	1,613
	Subtotal	16,653	247	261	244	241	235	17,881
School of Medicine (Medicine)		5,033	102	97	90	97	107	5,526
School of Medicine (Health Sciences)		864	213	204	210	210	212	1,913
Faculty of Science		5,112	—	—	—	—	—	5,112
Faculty of Science and Technology		1,974	296	299	285	301	285	3,440
Faculty of Agriculture		4,541	—	—	—	—	—	4,541
Faculty of Agriculture and Life Science		1,299	179	195	175	190	185	2,223
Total		46,716	1,385	1,373	1,312	1,357	1,360	53,503

Note:

- The Faculty of Arts and Science was reorganized and divided into the Faculty of Humanities and the Faculty of Science in April 1960.
- The Faculty of Science and Faculty of Agriculture were reorganized into the Faculty of Science and Technology and the Faculty of Agriculture and Life Science, respectively, in April 1997.

## Postgraduates

Fiscal Year		(1950-2007)	(2008)	(2009)	(2010)	(2011)	(2012)	Total
Divisions								
Humanities (Master's Course)		111	—	—	—	—	—	111
Humanities and Social Sciences (Master's Course)		119	9	6	6	10	12	162
Education (Master's Course)		432	36	34	29	24	24	579
Medicine (Doctoral Course)		1,620	28	24	43	42	46	1,803
Medicine (Master's Course)		50	4	—	—	—	—	54
Health Sciences (Master's Course)		—	21	22	21	26	22	112
Health Sciences (Doctoral Course)		—	—	9	7	10	8	34
Science (Master's Course)		844	—	—	—	—	—	844
Science and Technology (Master's Course)		153	—	—	—	—	—	153
Science and Technology (Master's Course)		275	76	71	78	111	107	718
Science and Technology (Doctoral Course)		10	6	6	1	5	1	29
Agriculture (Master's Course)		435	—	—	—	—	—	435
Agriculture and Life Science (Master's Course)		233	39	51	55	44	50	472
Regional Studies (Doctoral Course)		8	1	4	2	4	1	20
Total		4,290	220	227	242	276	271	5,526

Note:

- Humanities (Master's Course) was reorganized into Humanities and Social Sciences (Master's Course) in April 1999.
- Science (Master's Course) was reorganized into Science and Technology (Master's Course) in April 2002.
- Agriculture (Master's Course) was reorganized into Agriculture and Life Science (Master's Course) in April 2002.
- Science and Technology (Master's Course) was reorganized into Science and Technology (Doctoral Course) in April 2005.

## One-Year Postgraduate Courses

Fiscal Year		(1960-1998)	Total
Divisions			
Humanities (Closed in March, 1999)		41	41
Education (Closed in March, 2000)		100	100
Science (Closed in March, 2001)		70	70
Agriculture (Closed in March, 2001)		28	28

## School of Allied Medical Sciences

Fiscal Year		(1975-2003)	Total
Divisions			
Departments		4,615	4,615
Special Course		548	548



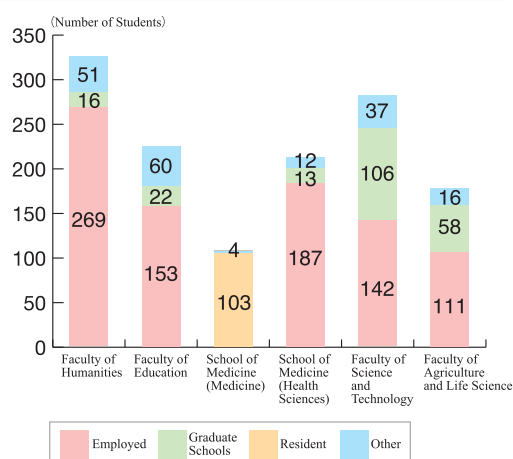
The number of students finding employment, listed by business.

As of May 1, 2013

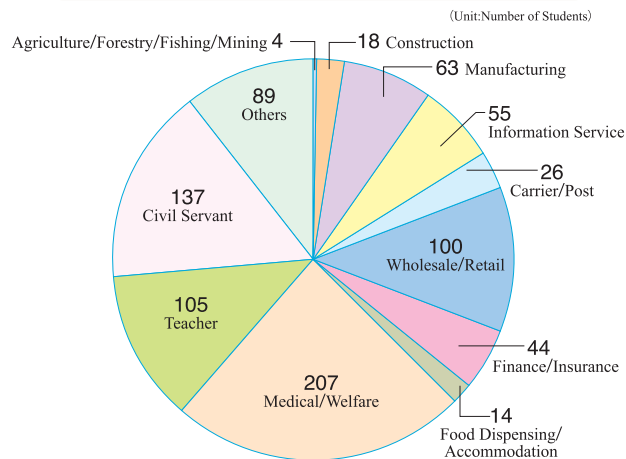
Divisions		Faculty of Humanities	Faculty of Education	School of Medicine (Medicine)	School of Medicine (Health Sciences)	Faculty of Science and Technology	Faculty of Agriculture and Life Science	Total
Placements								
Graduates		336	235	107	212	285	185	1,360
Number of Students Placed	Agriculture/Forestry/Fishing/Mining	1	—	—	—	—	3	4
	Construction	6	1	—	—	7	4	18
	Manufacturing	20	—	—	—	22	21	63
	Information Service	21	2	—	—	28	4	55
	Carrier/Post	18	1	—	—	4	3	26
	Wholesale/Retail	49	10	—	—	18	23	100
	Finance/Insurance	29	7	—	—	5	3	44
	Food Dispensing/Accommodation	8	3	—	—	3	—	14
	Medical/Welfare	7	9	—	187	3	1	207
	Teacher	Elementary School	—	35	—	—	—	35
		Junior High School	4	25	—	—	1	34
		Senior High School	3	11	—	—	2	23
		Other	—	12	—	—	1	13
	Civil Servant	National	9	—	—	3	1	13
		Local	61	20	—	19	24	124
	Others	33	17	—	—	19	20	89
	Total	269	153	—	187	142	111	862
Graduate Schools		16	22	—	13	106	58	215
Resident		—	—	103	—	—	—	103
Other		51	60	4	12	37	16	180

Note: The number of teachers at secondary schools, higher vocational schools, universities, special needs schools and kindergartens.

Placement after graduation according to department



The number of students finding employment, listed by industry.



## Degrees Conferred

Fiscal Year 2012

Divisions	Degrees Conferred					
	Course Doctorate	Dissertation Doctorate	Total	New System		Old System
				Course Doctorate	Dissertation Doctorate	
Master's Degree (Arts and Letters)	—	—	—	111	—	—
Master's Degree (Humanities and Social Sciences)	12	—	12	162	—	—
Master's Degree (Education)	24	—	24	579	—	—
Doctorate (Medicine)	46	2	48	1,803	880	469
Master's Degree (Health Sciences)	22	—	22	166	—	—
Doctorate (Health Sciences)	8	—	8	34	1	—
Master's Degree (Science)	—	—	—	844	—	—
Doctorate (Science or Technology)	1	—	1	30	—	—
Master's Degree (Science and Technology)	107	—	107	871	—	—
Master's Degree (Agriculture)	—	—	—	435	—	—
Master's Degree (Agriculture and Life Science)	50	—	50	472	—	—
Doctorate (Regional Studies)	1	1	2	23	3	—
Total	271	3	274	5,530	884	469

## Publications

Fiscal Year 2012

Faculties, etc.	Publications
Faculty of Humanities	Studies in the Humanities and Social Sciences
Faculty of Education	Bulletin of the Faculty of Education, Hirosaki University CROSSROADS : Journal for Educational Research Published by the Faculty of Education, Hirosaki University
Graduate School of Medicine	Hirosaki Medical Journal
Graduate School of Health Sciences	Journal of Health Science Research
Faculty of Agriculture and Life Science	Bulletin of the Faculty of Agriculture and Life Science, Hirosaki University
Graduate School of Regional Studies	Bulletin of the Regional Studies Doctoral Course Graduate School of Hirosaki University

As of March 1, 2013

Divisions Faculties, etc.		Enrollment (A)	Scholarships			Percentage
			Type I	Type II	Total (B)	$\frac{(B)}{(A)}\%$
Faculty of Humanities		1,481	355	515	870	58.7
Faculty of Education		1,002	223	374	597	59.6
School of Medicine (Medicine)		712	120	180	300	42.1
School of Medicine (Health Sciences)		844	256	323	579	68.6
Faculty of Science and Technology		1,282	287	474	761	59.4
Faculty of Agriculture and Life Science		773	180	243	423	54.7
Subtotal		6,094	1,421	2,109	3,530	57.9
Graduate Schools	Humanities and Social Sciences	30	3	—	3	10.0
	Education	72	31	8	39	54.2
	Medicine (before organization)	2	—	—	—	—
	Medicine	219	3	1	4	1.8
	Health Sciences (Master's Course)	46	6	—	6	13.0
	Health Sciences (Doctoral Course)	31	1	—	1	3.2
	Science and Technology (Master's Course)	206	84	45	129	62.6
	Science and Technology (Doctoral Course)	27	10	2	12	44.4
	Agriculture and Life Science	105	50	13	63	60.0
	Regional Studies	31	3	—	3	9.7
Subtotal		769	191	69	260	33.8
Total		6,863	1,612	2,178	3,790	55.2

## University-wide Agreements

As of May 1, 2013

University	Country	Date of Agreement
University of Tennessee at Martin	U.S.A.	Jul. 8, 1980
University of Bordeaux 3	French Republic	Jan. 31, 1994
Harbin Normal University	People's Republic of China	Aug. 1, 1995
Far Eastern State Medical University	Russian Federation	Dec. 14, 1995
University of Maine	U.S.A.	Jun. 26, 1997
Hyperion University	Romania	Sep. 11, 1998
University of Trier	Federal Republic of Germany	May. 3, 1999
Yanbian University	People's Republic of China	Aug. 28, 2000
M. V. Lomonosov Moscow State University	Russian Federation	Sep. 20, 2000
University of Otago	New Zealand	Sep. 20, 2000
Zhengzhou University	People's Republic of China	Oct. 12, 2000
Chiang Mai University	Kingdom of Thailand	Nov. 2, 2000
University of Debrecen	Republic of Hungary	Dec. 22, 2000
San Diego State University	U.S.A.	Mar. 19, 2001
Nam Seoul University	Republic of Korea	Jun. 1, 2001
Kyungpook National University	Republic of Korea	Jul. 11, 2001
University of Saskatchewan	Canada	Dec. 7, 2001
Pusan National University	Republic of Korea	Dec. 12, 2001
Auckland University of Technology	New Zealand	Dec. 12, 2001
Irkutsk State University	Russian Federation	Mar. 20, 2002
University of La Frontera	Republic of Chile	Jun. 25, 2002
Kyonggi University	Republic of Korea	Sep. 25, 2002
Mount Royal University	Canada	Jun. 1, 2005
Thompson Rivers University	Canada	Oct. 19, 2006
Khon Kaen University	Kingdom of Thailand	May. 6, 2008
Dalian University of Technology	People's Republic of China	Dec. 28, 2009

## Discipline-specific Agreements

As of May 1, 2013

Faculty	Affiliate Institution	Country	Date of Agreement
Faculty of Humanities	Ruralia Institute of the University of Helsinki	Republic of Finland	Sep. 7, 2009
	Sakhalin State University/Archaeology and Ethnography Laboratory	Russian Federation	Mar. 28, 2011
	Sakhalin State Regional Museum	Russian Federation	Mar. 28, 2011
Faculty of Education	University of South Carolina	U.S.A.	Oct. 25, 1982
School of Medicine	University of Tennessee Center for the Health Sciences	U.S.A.	Aug. 1, 1982
	University of West Indies	Jamaica	Feb. 25, 2002
	China Medical University	People's Republic of China	Oct. 25, 2005
Graduate School of Health Sciences	Centre for Radiation Protection Research, Stockholm University	Kingdom of Sweden	Mar. 6, 2013
Faculty of Agriculture and Life Science	College of Agriculture and Biotechnology, China Agricultural University	People's Republic of China	Aug. 1, 2005
North Japan Research Institute for Sustainable Energy	Thammasat University, Faculty of Science and Technology	Kingdom of Thailand	Mar. 14, 2013
Institute of Radiation Emergency Medicine	NREMC, Korea Institute of Radiological & Medical Sciences	Republic of Korea	Jan. 21, 2013
	University of Pannonia, Faculty of Engineering Institute of Radiochemistry and Radioecology	Republic of Hungary	Mar. 18, 2013



 HIROSAKI UNIVERSITY 36 HIROSAKI UNIVERSITY 36

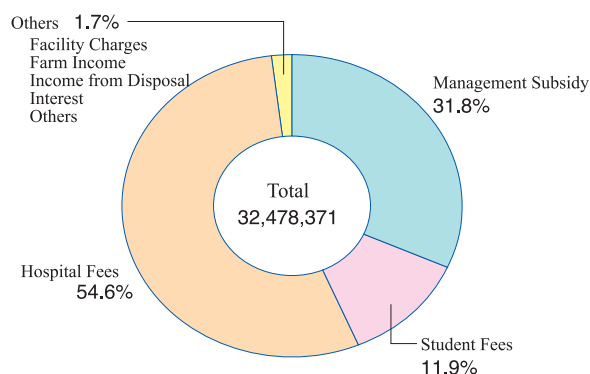
Annual Revenue Unit: Thousand Yen

Divisions	Revenue
Management Subsidy	10,312,590
Revenue	22,165,781
Student Fees	3,876,643
Hospital Fees	17,740,578
Facility Charges	82,244
Farm Income	11,595
Income from Disposal	90
Interest	7,950
Others	446,681
<b>Total</b>	<b>32,478,371</b>

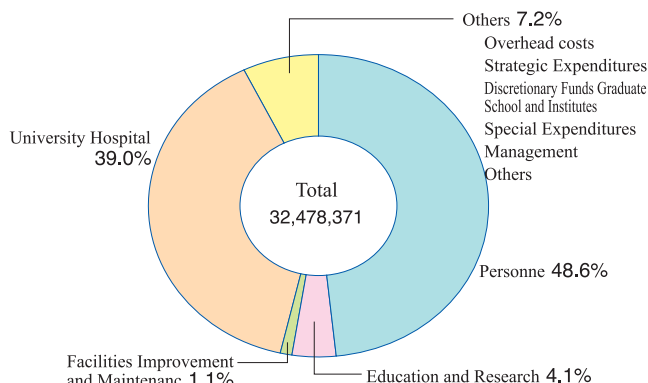
Annual Expenditures Unit: Thousand Yen

Divisions	Expenditure
Personne	15,804,733
Education and Research	1,331,284
University Hospital	12,654,563
Overhead costs	196,428
Strategic Expenditures	204,137
Special Expenditures	607,546
Discretionary Funds Graduate School and Institutes	221,593
Facilities Improvement and Maintenance	349,127
Management	194,569
Others	914,391
<b>Total</b>	<b>32,478,371</b>

Annual Revenue (Unit: Thousand Yen)



Annual Expenditures (Unit: Thousand Yen)



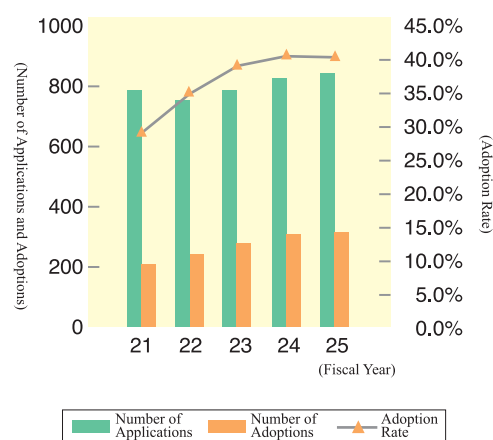
Grant-in-Aid for Scientific Research (2013)

Unit : Thousand Yen

Subjects for Research	Number of Grants	Amount		
		Direct Expense	Indirect Expense	Total
Scientific Research on Innovative Areas	6	24,100	7,230	31,330
Scientific Research (A)	4	28,100	8,430	36,530
Scientific Research (B)	24	83,400	25,020	108,420
Scientific Research (C)	154	164,500	49,350	213,850
Challenging Exploratory Research	50	53,850	16,155	70,005
Young Scientists (A)	1	10,600	3,180	13,780
Young Scientists (B)	89	85,700	25,710	111,410
Research Activity Start-up	4	3,400	1,020	4,420
<b>Total</b>	<b>332</b>	<b>453,650</b>	<b>136,095</b>	<b>589,745</b>

Note: The number and amounts of money are based on informal decision notices (as of May 2013).

Grant-in-Aid for Scientific Research Application and Adoption Rates (KAKENHI)



## Status of accepted external funding

Unit: Thousand Yen

Faculties, etc.	Joint Research Expenditures		Trust Research Expenditures		Endowments	
	Number	Amount	Number	Amount	Number	Amount
	Number of Cases		Number of Cases		Number of Cases	
Faculty of Humanities	—	—	—	—	3	723
Faculty of Education	3	2,450	5	3,027	5	2,200
Graduate School of Medicine	11	9,170	25	93,779	540	584,566
Graduate School of Health Sciences	2	1,120	6	12,010	29	16,341
University Hospital	—	—	3	1,533	50	21,081
Graduate School of Science and Technology	14	23,301	25	86,910	20	14,143
Faculty of Agriculture and Life Science	12	18,519	17	45,271	24	21,068
Graduate School of Regional Studies	—	—	6	3,320	1	1,080
North Japan Research Institute for Sustainable Energy	5	4,185	6	31,408	—	—
Institute of Radiation Emergency Medicine	—	—	4	19,751	4	933
Administration Bureau	3	6,700	1	41,700	23	17,649
Center for Education and Research of Lifelong Learning	—	—	1	904	—	—
Center for Joint Research	4	2,140	—	—	—	—
International Exchange Center	—	—	1	1,500	—	—
Health Administration Center	—	—	—	—	4	3,120
Total	54	67,585	100	341,113	703	682,904

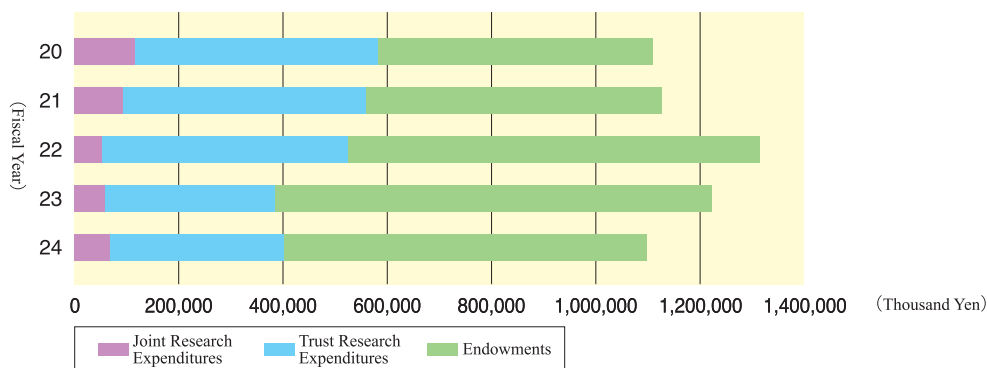
## Note

- Number of Cases: including multi-year contracts
- Amount: amount received in 2012
- Trust research expenditures at the University Hospital do not include clinical trials.

## Grant from Outside the University

Unit: Thousand Yen

Classification	Joint Research Expenditures		Trust Research Expenditures		Endowments	
	Number Received	Amount Received	Number Received	Amount Received	Number Received	Amount Received
2008	62	113,385	78	472,448	751	544,635
2009	49	98,687	83	445,636	712	587,355
2010	41	54,349	68	501,629	680	784,532
2011	44	60,356	86	324,153	729	820,922
2012	54	67,585	100	341,113	703	682,904



Faculties, etc.	Address		Phone
Administration Bureau Faculty of Humanities Faculty of Education Center for Educational Research and Practice Center for Teacher Education Research and Development Center for General Education Health Administration Center Office Organizing Workshops and Courses for the Teacher Qualification Renewal System Hirosaki University Press University Museum International Education Center Student Career Center Volunteer Center International Coalition Office University Library 50th Anniversary Auditorium Hirosaki Higher School Foreign Lecturer Residence	1, Bunkyo-cho, Hirosaki-shi, Aomori-ken, 036-8560, Japan		01 72-36-2111 (Main Switchboard)
Hokumei-Ryo Dormitory (male)	1-8-4, Midorigaoka, Hirosaki-shi, Aomori-ken, 036-8253, Japan		01 72-32-3364
International House	2-20-17, Kikyono, Hirosaki-shi, Aomori-ken, 036-8227, Japan		01 72-37-6854
Graduate School of Science and Technology Earthquake and Volcano Observatory Faculty of Agriculture and Life Science Faculty of Agriculture and Life Science Gene Research Center Graduate School of Regional Studies Computer and Communications Systems Center Center for Education and Research of Lifelong Learning Center for Joint Research Center for Instrumental Analysis Office for the Intellectual Property	3, Bunkyo-cho, Hirosaki-shi, Aomori-ken, 036-8560, Japan		01 72-36-2111 (Main Switchboard)
Graduate School of Medicine Institute of Brain Science Center for Advanced Medical Research Institute for Animal Experiments Radioisotope Laboratory Medical Branch Library	University Medical Center	5, Zaifu-cho, Hirosaki-shi, Aomori-ken, 036-8562, Japan	01 72-33-5111 (Main Switchboard)
University Hospital		53, Hon-cho, Hirosaki-shi, Aomori-ken, 036-8563, Japan	
Dormitory for Nurses (Dormitory for Residents)		26, Sagara-cho, Hirosaki-shi, Aomori-ken, 036-8211, Japan	
Graduate School of Health Sciences Institute of Radiation Emergency Medicine		66-1, Hon-cho, Hirosaki-shi, Aomori-ken, 036-8564, Japan	
Medical Communications Center		40-1, Hon-cho, Hirosaki-shi, Aomori-ken, 036-8203, Japan	01 72-39-5401
Kindergarten Elementary School Junior High School	1-1, Gakuen-cho, Hirosaki-shi, Aomori-ken, 036-8152, Japan		01 72-32-6815 01 72-32-7202 01 72-32-7201
School for Special Needs Education	1-76, Tomino-cho, Hirosaki-shi, Aomori-ken, 036-8174, Japan		01 72-36-5011
Hokuo-Ryo Dormitory (male) Ho-Ryo Dormitory (female)	1-1, Gakuen-cho, Hirosaki-shi, Aomori-ken, 036-8152, Japan		01 72-32-2910
Cold Regions Meteorology Laboratory	101-1, Ohkawazoe, Kawaratai, Nishimeya-mura, Nakatsugaru-gun, Aomori-ken, 036-1424, Japan		01 72-36-2111 (Main Switchboard)
Fujisaki Farm	7-1, Shitabukuro, Fujisaki, Fujisaki-Machi, Minamitsugaru-gun, Aomori-ken, 038-3802, Japan		01 72-75-3026
Kanagi Farm	84, Ashino, Kanagi-cho, Goshogawara-shi, Aomori-ken, 037-0202, Japan		01 73-53-2029
Fukaura Laboratory	173, Azumasawa, Fukaura-machi, Nishitsugaru-gun, Aomori-ken, 038-2300, Japan		01 73-74-3887
North Japan Research Institute for Sustainable Energy	2-1-3, Matsubara, Aomori-shi, Aomori-ken, 030-0813, Japan		01 7-735-3363
The Shirakami Institute for Environmental Sciences University	101-1, Ohkawazoe, Kawaratai, Nishimeya-mura, Nakatsugaru-gun, Aomori-ken, 036-1424, Japan		01 72-39-3915 (Regional Affairs Department, Research Promotion Division)
Research Institute of Food Science	2-1-1, Yanagawa, Aomori-shi, Aomori-ken, 038-0012, Japan		01 7-763-5028
Guest House "Bunkyo-So"	3-8, Kamisuki-machi, Hirosaki-shi, Aomori-ken, 036-8221, Japan		01 72-32-0715
Fukaura Seminar House	338-229, Okazaki, Fukaura, Fukaura-machi, Nishitsugaru-gun, Aomori-ken, 038-2300, Japan		01 73-74-3085
Hachinohe Satellite	Hachinohe Chamber of Commerce Building, F1, 2-3, Horibata-cho, Hachinohe-shi, Aomori-ken, 031-8511, Japan		01 78-43-1600
Aomori Satellite Lecture Room	2-1-3, Matsubara, Aomori-shi, Aomori-ken, 030-0813, Japan		01 72-39-3108 (Student Academic Affairs Department, Student Affairs Division)
Tokyo Information Office	Collaborate Industry Learning Government Plaza in Tokyo, The Asahi Credit Bank's Funabori Center Building, F6, 3-5-24, Funabori, Edogawa-ku, Tokyo, 134-0091, Japan		03-5696-9412



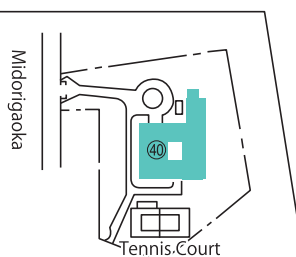
Districts	Divisions	Land (m <sup>2</sup> )	Building of Total Floor (m <sup>2</sup> )
Bunkyo-cho Campus	Administration Bureau	135,267	2,349
	Hirosaki Higher School Foreign Lecturer Residence		123
	Health Administration Center		477
	50th Anniversary Auditorium		1,515
	Telephone Operators' Office, Garage, etc		869
	Faculty of Humanities		6,089
	Faculty of Education		16,926
	Center for Educational Research and Practice		541
	General Education Building		11,927
	University Library		6,102
	Hostel and Accommodation for Extracurricular Activities		264
	University Center		4,952
	Boiler Room and Fire Extinguishers		923
	Gymnasium No.1 and No.2		3,394
	Kyudo Hall		140
	Faculty of Agriculture and Life Science		13,200
	Collaboration Center		4,582
	Collabo HiroDai		3,758
	Gene Research Center, Faculty of Agriculture and Life Science		1,527
	Science and Technology Research		22,663
	Science and Technology, Earthquake and Volcano Observatory		268
	Computer and Communications Systems Center		2,351
	Multipurpose Space		-
	Martial Arts Hall		883
	Building for Extracurricular Activities		1,173
	Subtotal	135,267	106,996
Gakuen-cho Campus	Kindergarten	176,403	1,065
	Elementary School		8,288
	Junior High School		8,171
	Lodging for Students		6,379
	Athletic Grounds		3,077
	Subtotal	176,403	26,980

Districts	Divisions	Land (m <sup>2</sup> )	Building of Total Floor (m <sup>2</sup> )
University Medical Center (Hon-cho)	Graduate School of Medicine/Health Sciences	94,511	54,686
	Medical Communication Center		894
	Baseball Field		-
	University Hospital		72,058
	Gymnasium		1,457
	Lodging for Nurse (Lodging for Doctor in Training)		2,350
	Institute of Radiation Emergency Medicine		210
	Subtotal	94,511	131,655
Others	Lodging for Students	9,631	3,288
	School for Special Needs Education	10,617	3,745
	School for Special Needs Education Practice Facility	1,603	33
	Farming Practice Facility, Faculty of Education	10,812	17
	Earthquake and Volcano Observatory, Faculty of Science and Technology		
	Iwasaki Earthquake Observation Point	(617)	40
	Minmaya Earthquake Observation Point	(747)	20
	Tomari Earthquake Observation Point	(524)	40
	Bonjusan Volcano Observation Point	(352)	
	Hamayokosawa Volcano Observation Point	(14)	
	Hyakuzawa Volcano Observation point	(180)	45
	Teaching and Research Center for Bio-coexistence, Faculty of Agriculture and Life Science, Kanagi Farm	142,607	2,391
	Teaching and Research center for Bio-coexistence, Faculty of Agriculture and Life Science, Kanagi Farm	358,798	4,907
	Fukaura Laboratory	798	165
	North Japan Research Institute for Sustainable Energy		(2,454)
	The Shirakami Institute for Environmental Sciences	(178,560)	255
	Research Institute of Food Science	(200)	(316)
	Fukaura Seminar House	6,632	159
	University Guest House 'Bunkyo-so'	1,617	581
	International House	3,143	2,030
	Staff Quarters	5,147	9,379
	Ossuary	(30)	8
	Ash storage	(18)	-
	Others	3,676	
	Subtotal	736,323	29,873
Total		1,142,504	295,504

( ) shows leased land



Bunkyo-cho  
Campus

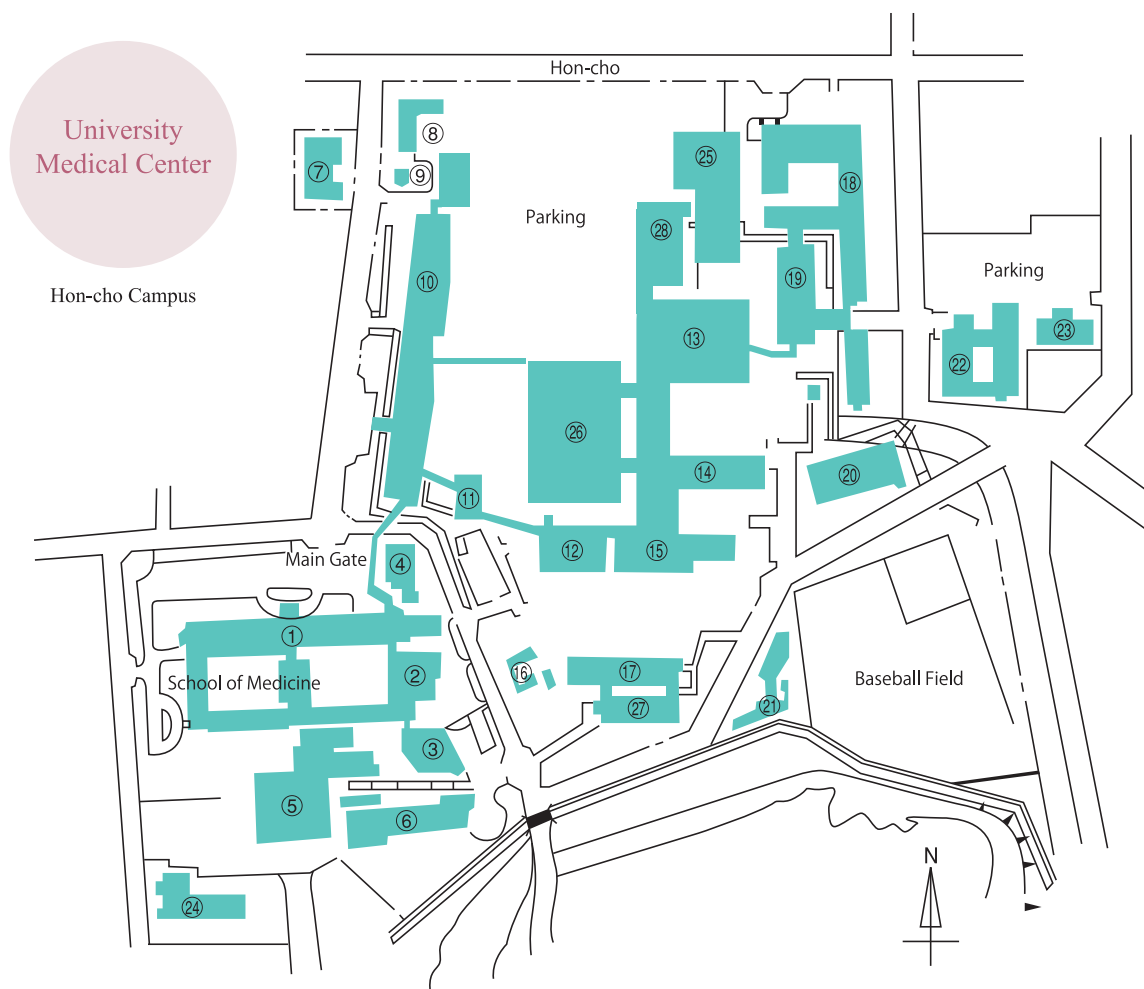


60th Anniversary Auditorium 'Collabo HiroDai' ②⑦



60th Anniversary Monument  
Metal Work 'Shiawase no Ring' constructed by MIYATA Ryohei, President  
of Tokyo University of the Arts  
1st Lobby at 60th Anniversary Auditorium 'Collabo HiroDai' ②⑦

①	Information (Guard Gate)	②①	Kyudo Hall
②	Administration Bureau	②②	Earthquake and Volcano Observatory
③	Hirosaki Higher School Foreign Lecturer Residence	②③	Computer and Communications Systems Center
④	Barn	②④	Center/Faculty of Science and Technology Building No.1
⑤	Telephone Operators' Office	②⑤	Gene Research Center
⑥	Electric Power Room	②⑥	Collaboration Center
⑦	Garage	②⑦	60th Anniversary Auditorium
⑧	Health Administration Center	②⑧	Faculty of Science and Technology Building No.2
⑨	Student Advisory Room	②⑨	Faculty of Agriculture and Life Science Building
⑩	50th Anniversary Auditorium	③①	Irrigation Laboratory
⑪	General Education Building	③②	Greenhouse
⑫	Faculty of Humanities Building	③③	Farm Field Administration Building
⑬	University Library	③④	Field Research Preparation Building
⑭	Commons	③⑤	Administration Building for Animal and Plant Experiments
⑮	University Center	③⑥	Greenhouse/Mesh Room/Glass Room
⑯	Hostel and Accomodation for Extracurricular Activities	③⑦	Gymnasium No.2
⑰	Faculty of Education Building	③⑧	Martial Arts Hall
⑱	Pump Chamber	③⑨	Athletic Equipment Storage Facility
⑲	Hazardous Chemicals Storage Room	④①	Building for Extracurricular Activities
⑳	Center for Education Research and Practice	④②	Hokumei-Ryo Dormitory (male)
㉑	Boiler Room	④③	International House
㉒	Gymnasium No.1	④④	Employee Lodging



① Graduate School of Medicine	⑧ Garage	⑬ Obsolete Liquid Waste Disposal Building	⑳ Shared Use Institution, Hon-cho Campus
② Hirosaki University Medical Branch Library	⑨ Pump Chamber	⑭ General Administration Building	㉑ Center for Advanced Medical Research
③ Foundation Lecture Building	⑩ Clinical Research Building	⑮ Graduate School of Health Sciences	㉒ Parking Structure
④ Extracurricular Activities Equipment Storage	⑪ Clinical Lecture Building	⑯ Multidiscipline Medicine Building	㉓ Ambulatory Practice Building
⑤ Extracurricular Activity Equipment Storage Area	⑫ Energy Center	⑰ Gymnasium	㉔ Hirodai Nursery
⑥ Radioisotope Laboratory	⑬ Central Examination Building	⑱ Hall of School of Medicine	㉕ Emergency and Disaster Medical Center
⑦ Institute of Brain Science	⑭ Hospital Ward No.2	㉒ Lodging for Nurses	
⑧ Medical Communications Center	⑮ Hospital Ward No.1	㉓ Institute of Radiation Emergency Medicine	



Emergency and Disaster Medical Center ㉕



University Hospital Ward No.1 and No.2 ⑭ ⑮



Medical Communications Center ⑦



Hirodai Nursery ㉔

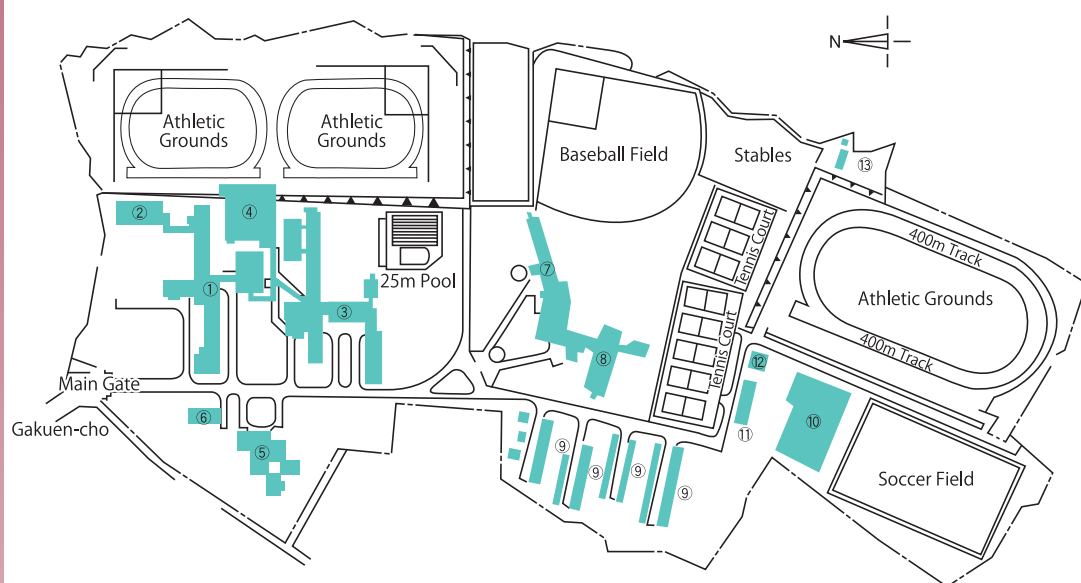
Gakuen-cho  
Campus



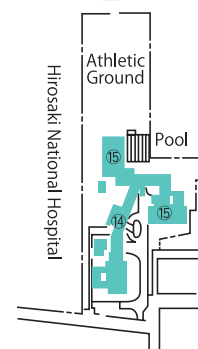
Elementary School ③



Junior High School ①



Tomino-cho  
Campus



① Junior High School Building	⑤ Kindergarten Building	⑨ Employee lodging	⑬ Stables
② Junior High School Martial Arts Hall	⑥ Boiler Room	⑩ Indoor pool	⑭ School for Special Needs Education Building
③ Elementary School Building	⑦ Ho-Ryo Dormitory (female)	⑪ Gymnasium Management Facilities	⑮ School for Special Needs Indoor Gymnasium
④ Gymnasium for Elementary School and Junior High School	⑧ Hoku-Ryo Dormitory (male)	⑫ Hostel	



Kindergarten ⑤



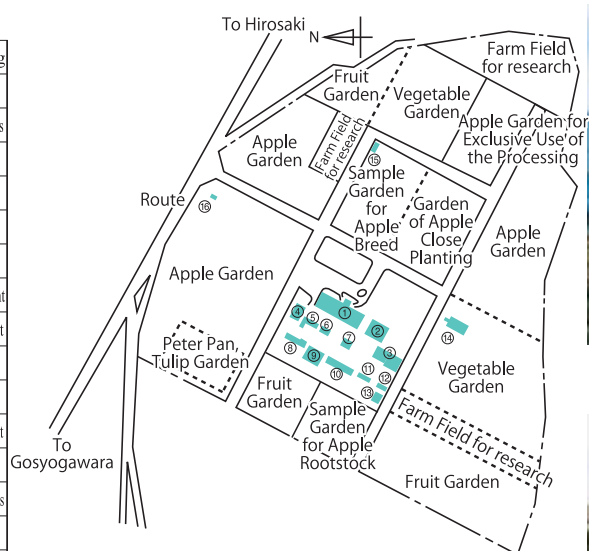
Special Needs Education Building ⑭



Teaching and Research Center for Bio-coexistence, Faculty of Agriculture and Life Science  
Fujisaki Farm/Kanagi Farm

### Fujisaki Farm

①	Administration Building
②	Processing Barn
③	Low-Temperature Warehouse for Apples
④	Material Storage
⑤	Greenhouse
⑥	Oil Storage
⑦	Pesticide Storage
⑧	Small Barn for Farming Equipment
⑨	Large Barn for Farming Equipment
⑩	Extra Storage
⑪	Barn
⑫	Storage of Student Farming Equipment
⑬	Fertilizer Storage
⑭	Fruit Tree and Root Experiment Facilities
⑮	Shed
⑯	Pump Room



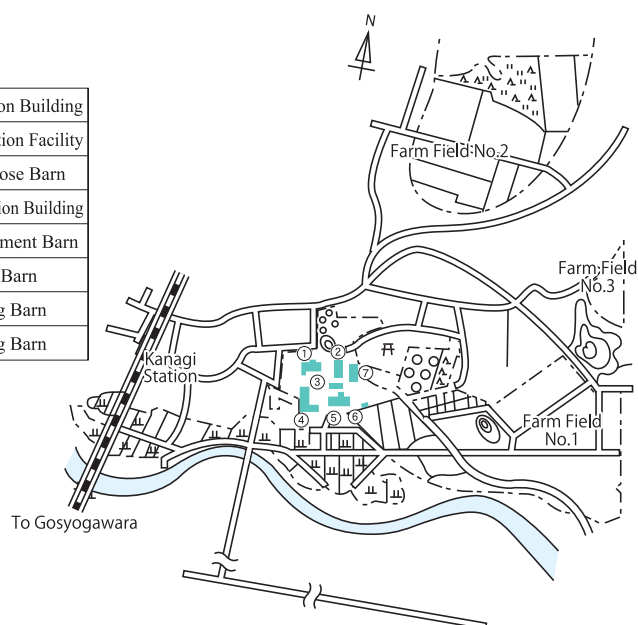
Administration Building, Fujisaki Farm ①



Peter Pan, Tulip Garden

### Kanagi Farm

①	Administration Building
	Accommodation Facility
②	Multipurpose Barn
③	Accommodation Building
④	Farm Equipment Barn
⑤	Cattle Barn
⑥	Farming Barn
⑦	Farming Barn

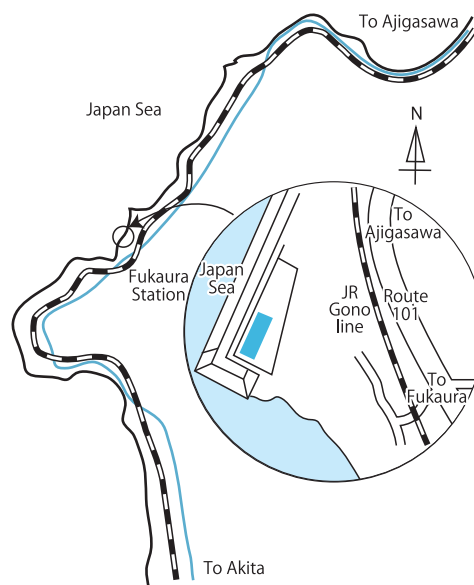


Cattle Barn ⑤

### Fukaura Laboratory



Fukaura Laboratory



## Sports Facilities

As of May 1, 2013

Divisions		Location	Structure Floors	Area(㎡)	Other Information
Indoor	Gymnasium	Bunkyo-cho	S <sub>1</sub> ,R <sub>2</sub>	3,394	Gymnasium No.1 Gymnasium No.2  a dojo for practicing the Japanese arts of judo, kendo (Japanese fencing), aikido and karate 50m (9 courses)
	Gymnasium	Hon-cho	RS <sub>2</sub>	1,457	
	Kyudo Hall	Bunkyo-cho	W <sub>1</sub>	140	
	Martial Arts Hall	Bunkyo-cho	R <sub>1</sub>	756	
	Swimming Pool	Gakuen-cho	S <sub>1</sub>	2,398	
	Subtotal			8,145	
Outdoor	Multipurpose Open Space	Bunkyo-cho		12,144	a practice space for soccer, rugby, American football, softball and so forth  track and field space (400 meter track), soccer field, archery area, hippodrome, horse stables, baseball field and 8 tennis courts
	Baseball Field	Nanto-cho		9,981	
	Athletic Grounds	Gakuen-cho		61,484	
	Subtotal			83,609	
Total				91,754	

## Dormitories

As of May 1, 2013

Dormitories	Structure/Floors	Area(㎡)	Year	Capacity	
				Limit	Residents
Hokumei-Ryo (Male)	R <sub>4</sub>	3,281	40	230	137
Ho-Ryo (Female)	R <sub>5</sub>	3,498	42	234	187
Hokuo-Ryo (Male)	R <sub>5</sub>	2,874	43	200	65
Total				664	389



▲Dormitory (Ho-Ryo)



▲ International House

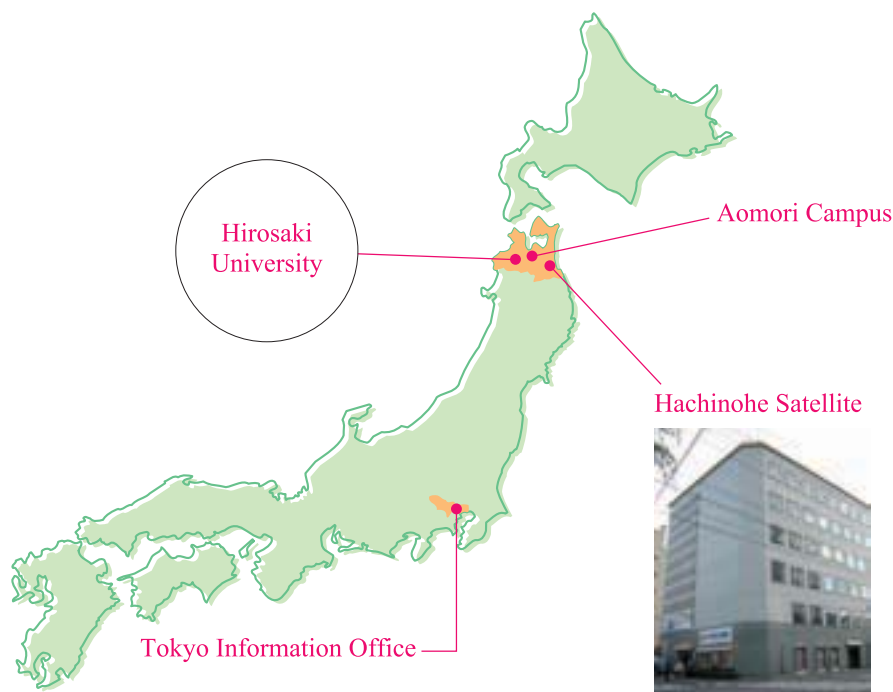
## International House

As of May 1, 2013

Divisions	Structure/Floors	Area(㎡)	Characteristics of the Facility
A Building	R <sub>4</sub>	982	Single Rooms: 31 Common Areas: Office, Lounge, Laundry Room
B Building	R <sub>3</sub>	1,048	Apartments for Married Couples: 11 Apartments for Families: 7
Total			2,030

## Satellite

Hirosaki University has three Satellite offices and one lecture room. These aim to foster an intimate relationship between the university and the local community. Hirosaki University conducts and promotes joint industry-university research projects, lifelong study projects, information activities, and other activities related to education & research. The main activities include: 1. Joint industry-university research projects (scientific technique advice, joint research, etc.) 2. Matching of the local industry's needs and the Hirosaki University seeds 3. Public seminars, lectures, remote education, etc. 4. Information & PR activities (entrance examinations, employment and placement information, university information, etc.).



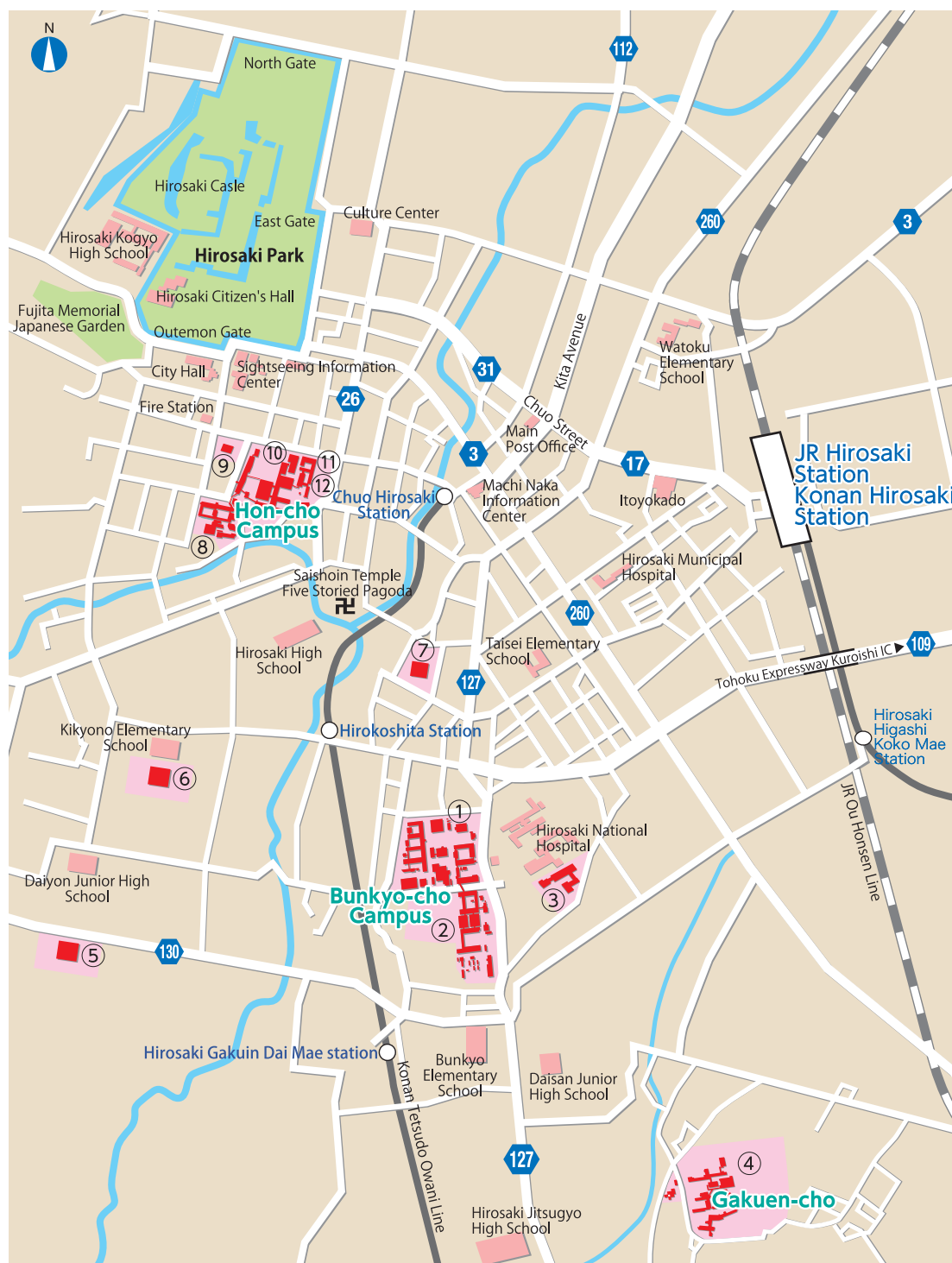
## Regional affiliations with municipalities

Hirosaki University has a strong policy of collaboration and therefore enjoys a number of fruitful collaborative relationships with societies, organizations and local communities based on this policy. Various projects such as collaborative research of lifelong study and industry-university-government cooperation have sprung forth from these partnerships.

- Ajigasawa Town, Nishi-Tsugaru County, Aomori Prefecture Oct. 6, 2005
- Edogawa City, Edogawa City Farmer's Club, Edogawa Flower Union Apr. 21, 2006
- Hirosaki City, Aomori Prefecture Sep. 19, 2006
- Aomori Prefecture Nov. 25, 2006
- Aomori Bank Apr. 25, 2007
- Aomori City, Aomori Prefecture May. 7, 2007
- Michinoku Bank Jun. 25, 2007
- Sunstar Inc Aug. 7, 2007
- National Institute of Radiological Sciences Oct. 2, 2008
- Nishimeya Village, Naka-Tsugaru Country, Aomori Prefecture Dec. 22, 2008
- Aomori Prefectural Industrial Technology Research Center Sep. 28, 2009
- Namie Town, Fukushima Prefecture Sep. 29, 2011
- Hirosaki Chamber of Commerce and Industry Dec. 6, 2012

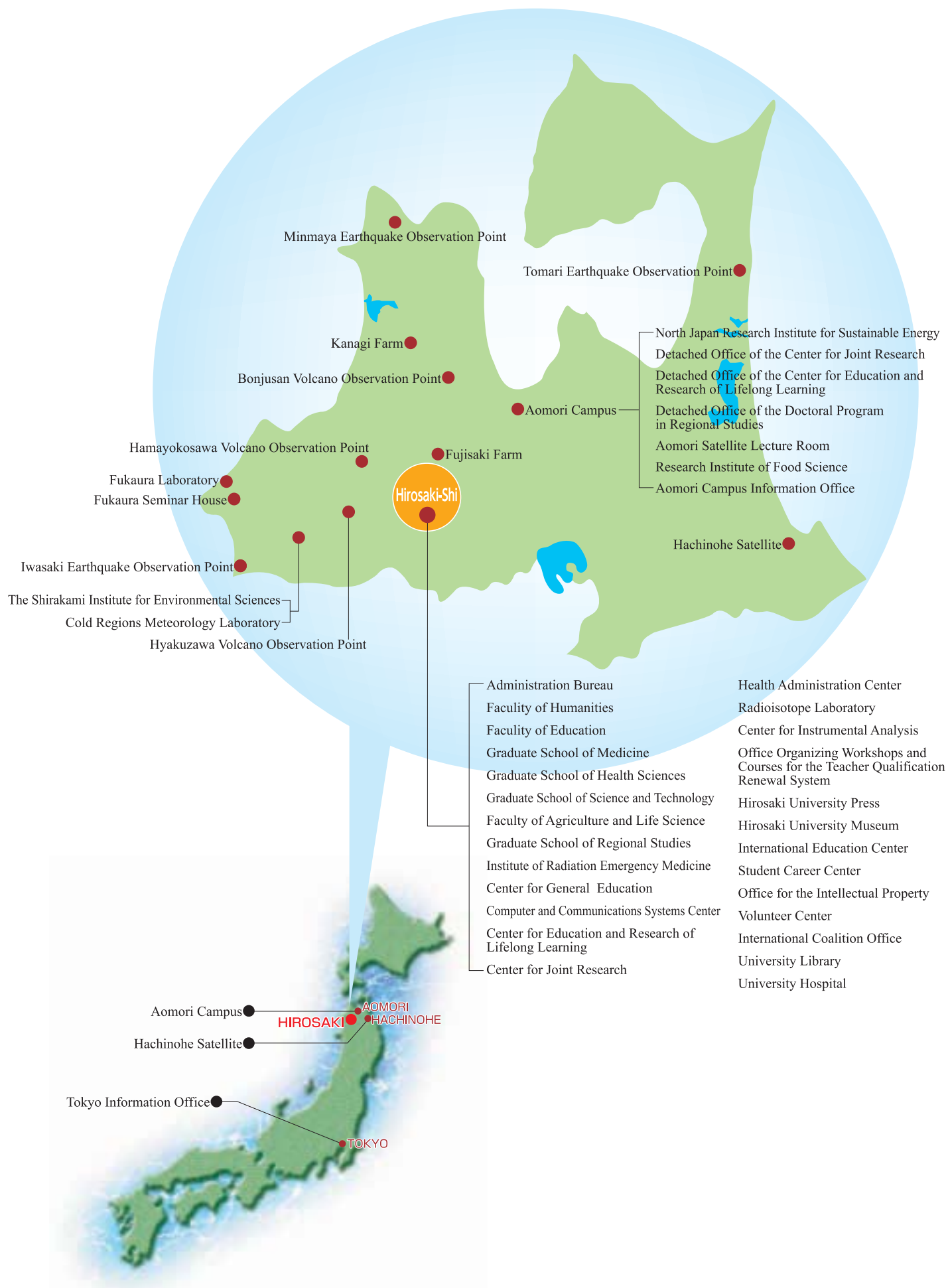


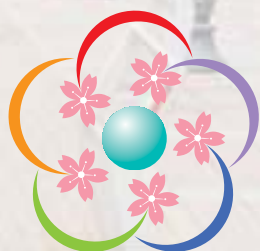
Hirosaki Chamber of Commerce and Industry Dec. 6, 2012



①	Administration Bureau	②	Science and Technology	⑤	Hokumei-Ryo Dormitory (male)
	Faculty of Humanities		Earthquake and Volcano Observatory		International House
	Faculty of Education		Earthquake Observatory Point (Minmaya, Iwasaki, Tomari)		Guest House "Bunkyo-so"
	Center for Educational Research and Practice		Volcano Observatory (Hyakuzawa, Hamayokosawa, Bonjyusan)		Graduate School of Medicine
	Center for General Education		Faculty of Agriculture and Life Science		Institute for Experimental Animals
	Health Administration Center		Gene Research Center		Institute of Brain Science
	Office Organizing Workshops and Courses for the Teacher Qualification Renewal System		Computer and Communications Systems Center		Radioisotope Laboratory
	University Press		Center for Education and Research of Lifelong Learning		Medical Communications Center
	University Museum		Center for Joint Research		University Hospital
	International Education Center		Center for Instrumental Analysis		Graduate School of Health Sciences
	Student Career Center		Office for the Intellectual Property		Institute of Radiation Emergency Medicine
	Volunteer Center		Collabo HiroDai		
	International Coalition Office	③	School for Special Needs Education		
	University Library		Elementary School		
	General Education Building		Junior High School		
④	50th Anniversary Auditorium	④	Kindergarten		
	Hirosaki Higher School Foreign Lecturer Residence		Hokuo-Ryo Dormitory (male)		
			Ho-Ryo Dormitory (female)		







**HIROSAKI  
UNIVERSITY**

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