

2016 Overview HIROSAKI UNIVERSITY





President SATO Kei Hirosaki University: "Communicating to the world; creating with our community"

Ideals and Principles

Hirosaki University has, in the spirit of the Fundamental Law of Education, established the following institutional goals: 1) to incorporate extensive bodies of knowledge into our campus culture; 2) to engage in the teaching of and research in a broad range of specialized scholarly fields; 3) to educate persons of character and integrity who can contribute to human culture.

Fundamental Goals: The Hirosaki University Vision of the Future

Hirosaki University, in its role as one of the comprehensive public universities in the north of Japan, has set as its foundation a commitment to serve as a core actor for regional revitalization. Taking this commitment into consideration, we established four strategic areas of concentration, renewable energy, the environment, radiation emergency medicine, and food, positioning them as objectives in the second medium-term plan. We have subsequently integrated these strategic and related themes into our research and educational programs. We have also made great headway in establishing ties with local organizations and governmental bodies. Moreover, as we enter the third round of medium-term objectives, we will continue to contribute to local society through human resource development and the fostering of innovation. Hirosaki University has recently implemented a university-wide reorganization. We have 1) strengthened human resource development programs in the fields of science, technology and agriculture that contribute to innovation, 2) made qualitative improvements in the teacher training program for elementary school teachers, and 3) built up both the educational and research arms of the graduate schools. Moreover, among our third medium-term objectives, we will continually review the themes and reevaluate and reform the system by which research is implemented in the original four core areas of concentration. Furthermore, although we have independently implemented university governance reforms through wide-ranging on-campus discussion and debate, we must continue to verify and reexamine these outcomes. We must do so in order to enhance the functioning of and to implement the reforms instituted under the management system that was introduced after the establishment of the national university corporation system. Ultimately, our mission is to live up to our slogan of "communicating to the world; creating with our community"

Education Research Organization

With the successful completion of the above-mentioned reorganization of the educational and research system, we must now turn to meet the challenges of globalization, low birthrates and an aging society as well as the need for innovation creation, challenges not only to Hirosaki University and the surrounding region, but to the nation as a whole. Moreover, in the face of recent scientific and technological advances, there has been a shift towards an emphasis on post-graduate education, which has inevitably come to serve as the linchpin of higher education. We are therefore reexamining our postgraduate educational and research programs, while remaining conscious of the continuity that must exist between undergraduate and postgraduate study.

Educational Reform

Hirosaki University, in its role as a core actor in the regional revitalization process, has a major responsibility to train future local leaders who can address and resolve regional issues from a truly global perspective. However, in order to take advantage of the specialized knowledge and technological know-how of our faculty and other researchers, we must first cultivate the basic knowledge and cultural understanding that serve as the foundation of fadvanced study. In this sense, the role of liberal arts education in the formation of harmonious human relations is critical. Moreover, in order to best navigate the educational revolution we find ourselves a part of, we must reinforce our educational infrastructure, make improvements in the way we select students for admission, tighten performance evaluation, strengthen active learning programs, promote learning that is designed by students themselves, and strengthen the student support system.

Promotion of Research

We consider the promotion of basic research, research that is recognized internationally as well as research that contributes to regional revitalization to be essential elements of our mission as a university. With this in mind, we offer support to young researchers, promote international research exchange, and encourage the securing of competitive research funds and the creation and utilization of intellectual property. In addition, we will continue to promote research in the areas we have designated as strategic areas of concentration: renewable energy, the environment, radiation emergency medicine, and food.

Regional Cooperation and Regional Contribution

To fulfill our role as a core actor in the regional revitalization process, we will continue to strengthen our ties with local governments, companies and citizens groups. With respect to education, we are incorporating regional issues into our curriculum through active-learning and other pedagogical approaches that encourage students to think about and offer solutions to local and regional issues. As far as research is concerned, we are contributing to innovation creation through joint research projects with the local community. In addition, we are cooperating with other institutions of higher learning in the region, and are actively involved in joint educational and research activities that contribute to regional revitalization.

Globalization

International academic exchange and the fostering of a global perspective has become an important issue for local communities as well as for the nation as a whole. Therefore, we here at Hirosaki University recognize the need to accelerate our own globalization. In addition to the general strengthening of education and research programs, we are working to enhance the internationalization and diversity of our campus as well as to offer support to students who wish to gain overseas experience.

Management

In order to resolve outstanding issues and realize our institutional goals, we will continue to seek university-wide consensus under the leadership of the president. Moreover, given the challenges facing national university corporations throughout the country, we must continue to constantly review and reevaluate our management practices and foster a common awareness and sense of unity amongst the members of our university community.



ACADEMIC ORGANIZATION

NUMBER OF UNIVERSITY STAFF

Pres	sident		e Director President	Auc	litor		Assistant to Vice Exe the President Direc			Sub	total	Total
М	F	М	F	М	F	М	F	М	F	M F		
1	_	6	1	1	1(1)	6(4)	1	4(2)		18(6)	3(1)	21(7)

President, Executive Director, Auditor

Note: Part-time positions are shown in parenthesis and are included in the total number. Note: For Vice Presidents, Assistants to the President, and Vice Executive Directors, numbers include cases where one person holds more than one position.

Divisions	Profe	essors	Asso Profe	ociate essors	Lect	urers		stant essors		earch ciates	Teach Atta Sch		Sub	total	Other	Staff	Tota	1	Statistics
	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	
Total Number of Present Employees	188	24	167	29	84	26	145	44	41	22	45	53	670	198	356	706	1,026	904	1,930
Administration Bureau	_	_	_	_	_	_	_	_	_	_	_	_	_	_	120	52	120	52	172
Faculty of Humanities and Social Sciences	24	7	23	6	10	3	_	_	_		_	_	57	16	2	6	59	22	81
Faculty of Education	32	8	20	3	13	4	_	_	_	1	45	53	110	69	11	4	121	73	194
Graduate School of Medicine	36	_	31	1	17	2	57	15	11	6			152	24	15	6	167	30	197
Graduate School of Health Sciences	18	9	7	7	13	7	11	10	2	4			51	37	5	3	56	40	96
University Hospital	_	_	10	1	26	6	42	13	27	11	_	_	105	31	154	611	259	642	901
Graduate School of Science and Technology	38	_	37	3	3	_	13	1	1				92	4	17	6	109	10	119
Faculty of Agriculture and Life Science	24	_	26	4		_	13	1	_		_	_	63	5	18	5	81	10	91
Graduate School of Regional Studies	1	_	2			_			_		_		3			_	3	_	3
North Japan Research Institute for Sustainable Energy	6	_	2			_			_		_		8	_		_	8		8
The Shirakami Institute for Environmental Sciences	1	_	1	_		_	1		_				3	_		_	3		3
Institute of Radiation Emergency Medicine	3	_		_		_	3	_	_				6	_	3	_	9	_	9
Institute for Food Sciences	1	_	2	_		_	_	1	_				3	1		_	3	1	4
Computing and Networking Center	_	_	1			_			_		_		1			_	1	_	1
Center for Education and Research of Lifelong Learning	_	_	1	_	1	_	_	_	_		_		2	_		_	2	_	2
Health Administration Center	1	_		1		1	_	_	_		_	_	1	2		2	1	4	5
Radioisotope Laboratory		_	_	_		_	_	_	_	_		_	_	_		1	_	1	1
International Education Center		_	2	2		_	_	1	_				2	3		_	2	3	5
University Library		_	_	_	_	_	_	_	_				_	_	7	10	7	10	17
Institute for the Promotion of Higher Education Information	1	_	1	1	1	2	2		_				5	3		_	5	3	8
Institute for the Promotion of Research and Innovation	1	-	_	_		_	_	-	_			_	1	_		_	1	_	1
Center of Healthy Aging Innovation	1	_	1	_		1	1	1	_		_		3	2		_	3	2	5
Aomori Campus	_	_	_	_		_	_	—	_	_	_	_	_	_	4	—	4	_	4
COC Promotion office	_	_	_			_	2	_	_		_	_	2	_		_	2	_	2
Office for the Promotion of Gender Equality		-		_		_	_	1	—		_	_	_	1		_		1	1

Note: Numbers for staff working in the Corporate Internal Audit Office and Strategic Planning Office for President and COC Promotion office are included in the numbers for the Administration Bureau.

NUMBER OF STUDENTS UNIVERSITY STUDENT

						Actual Enrollment												
Faculties	Departments and Courses	Annual Admission	Second year Transfer	Transfer	Enrollment Capacity	Fres	hmen	Sopho	mores	Jun	iors	Sen	iors	5th	year	6th	year	Total
		Capacity	Student	Student		М	F	М	F	М	F	М	F	М	F	М	F	Total
Hum Soci	Cultural Innovation	110	_		110	50	64	_	_	_	_	_	_	_	_	_		114
Humanities and Social Sciences	Social Management	155	_		155	95	68	_	_	_	_	_	_	_	_	_	_	163
s and ences	Subtotal	265	_	_	265	145	132	_	_	_	_	_	_	_	_		_	277
	Humanities and Cultural Studies	_	_	_	345	_	_	51	65	42	67	54	75		_			354
Humanities	Social Science and Social System Studies	_			330	-	_	53	64	50	62	75	64	_	_	_	_	368
unities	Economics and Commercial Sciences	_			360	_		93	34	84	41	105	40	_	_			397
	Subtotal				1,035	_		197	163	176	170	234	179	_	_			1,119
	Teacher Training Division	150			585	81	74	73	68	67	78	84	87	_	_	_	_	612
Educ	School Nurse Training Division	20		_	95	-	21	_	26	_	24	1	26	_	_	_	_	98
Education	Community Education Training Division		_		210			30	48	32	42	42	48	_	_			242
	Subtotal	170			890	81	95	103	142	99	144	127	161	_	_			952
z	Medicine	112	20		753	82	51	89	44	88	44	79	42	87	50	87	34	777
Medicine	Health Sciences	200	_	30	860	65	138	67	133	67	142	79	135	_	_			826
ē	Subtotal	312	20	30	1,613	147	189	156	177	155	186	158	177	87	50	87	34	1,603
	Mathematics and Physics	78			78	66	14	_	_	_	_	—	_	_	_	—	—	80
	Frontier Materials Chemistry	52		_	190	41	11	40	8	33	12	46	9	_	_	—	—	200
	Global Environment and Disaster Prevention Sciences	65	_	_	65	50	16	_	_	_	_	—	_	_	_	—	_	66
70	Electronics and Information Technology	55		_	229	50	6	53	5	55	3	66	4	_	_	_	_	242
Science and Tecl	Mechanical Science and Engineering	80		_	80	77	4	_	_	_	_	—	_	_	_	—	—	81
e and	Sustainable Energy	30	_	_	30	24	8	_	_	_	_	—	_	_	_	—	_	32
Techno	Mathematical Sciences	_			120	_	_	38	1	34	6	41	6	_	_	—	—	126
hnology	Advanced Physics	_		_	120	_	_	37	3	36	3	38	6	_	_	—	—	123
	Earth and Environmental Sciences	_			174	-	_	34	24	39	18	47	18	_	_	_	_	180
	Intelligent Machines and System Engineering	_			174	_	_	51	6	50	8	57	5	_	_	—	—	177
	Common Faculty			10	20	_	_	_	_	4	_	3	1	_	_			8
	Subtotal	360		10	1,280	308	59	253	47	251	50	298	49	_	_			1,315
	Biology	40		_	160	31	9	28	16	22	19	24	23	_	_	_	_	172
Αg	Biochemistry and Molecular Biology	40			160	19	21	24	16	23	18	35	21	_	_	_	_	177
ricult	Applied Biology and Food Sciences	55		_	55	28	27	_	_	_	_	—	_	_	_	_	_	55
Agriculture and Life Science	International Agriculture and Horticulture	50	-		50	21	29	_			_	—	_	_	_	—	—	50
d Life	Agricultural and Environmental Engineering	30	-		120	25	5	18	10	22	8	28	6	_	_	—	—	122
Scien	Applied Bioscience	_	–		105	_	_	22	13	22	13	24	14	_	_	—	—	108
ce	Agriculture and Horticulture				120			21	18	22	19	35	15	_	_			130
	Subtotal	215			770	124	91	113	73	111	77	146	79	_	_			814
	Total	1,322	20	40	5,853	805	566	822	602	792	627	963	645	87	50	87	34	6,080

Undergraduates Г

Graduate Schools

As of May 1,2016

							Actı	ial Enro	ollment			
	Divisions	Annual Admission	Enrollment Capacity	Fresh	men	Sopho	mores	Juniors		Seniors		T - 1
		Capacity	c up uo ny	М	F	М	F	М	M F		F	Total
	Humanities and Social Sciences (Master's Course)	16	32	З	5	15	19	_	_	_	_	42
	Education (Master's Course)	32	64	16	18	17	24	_	_	_	_	75
	Medicine (Doctoral Course)	60	210	49	18	32	15	29	15	44	27	229
	Health Sciences (Master's Course)	30	55	26	10	23	18	_	_	_	_	77
Graduate Schools	Health Sciences (Doctoral Course)	12	30	5	7	8	2	7	13	_	_	42
	Science and Technology (Master's Course)	120	210	100	15	87	13	_	_	_	_	215
	Science and Technology (Doctoral Course)	12	28	8	1	6	3	11	3	_	_	32
	Agriculture and Life Science (Master's Course)	60	120	24	14	22	13	_	_	_	_	73
	Regional Studies (Doctoral Course)	6	18	6	1	8	2	14	5	—	_	36
Subtotal 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)		348	767	237	89	218	109	61	36	44	27	821
		32	96	6	3	7	1	12	1			30
Total		380	863	243	92	225	110	73	37	44	27	851

Attached School (Faculty of Education)

	Enrollment				Act	ual Enrollm	ent		Total 78 554 520 15 18 24
Divisions	Capacity	Classes	1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	Total
Kindergarten	90 4		3years 25	4years 24	5years 29	_	_	_	78
Elementary School	663	21	102	91	82	102	87	90	554
Junior High School	530	15	162	163	195				520
School for Special Needs Education									
			Lov	wer	Mie	ldle	Hig	gher	
(Elementary)	18	3	Ę	5	6	6	2	1	15
(Junior High)	18	3	6	6	6	_	—	_	18
(Senior High)	24	3	8	8	8	—		_	24
Total	1,343								1,209

As of May 1,2016

University	Country		Date of Agreement		
University of Tennessee at Martin	U.S.A.		Jul. 8, 1980		
University Bordeaux Montaigne	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 German	у	May. 3, 1999		
Yanbian University	People's Republic of China		Aug. 28, 2000		
1. 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 speelile Agreen			As of May 1,2
Faculty	Affiliate Institution	Country	Date of Agreement
Faculty of Humanities and Social Sciences	Ruralia Institute of the University of Helsinki	Republic of Finland	Sep. 7, 2009
Faculty of Education	University of South Carolina	U.S.A.	Jul. 20, 1994
	University of Tennessee Center for the Health Sciences	U.S.A.	May. 19, 1982
School of Medicine	University of West Indies	Jamaica	Feb. 25, 2002
School of Medicine	China Medical University	People's Republic of China	Oct. 25, 1982
	University of Ljubljana	Republic of Slovenia	Nov. 28, 2014
Graduate School of Health Sciences	Centre for Radiation Protection Research, Stockholm University	Kingdom of Sweden	Mar. 6, 2013
	College of Agriculture and Biotechnology, China Agricultural University	People's Republic of China	Aug. 1, 2005
Faculty of Agriculture and Life Science	Kasetsart University Agriculture Department	Kingdom of Thailand	Mar. 27, 2015
	College of horticulture, Shenyang Agricultural University	People's Republic of China	Nov. 3, 2015
	Thammasat University, Faculty of Science and Technology	Kingdom of Thailand	Mar. 14, 2013
North Japan Research Institute for Sustainable Energy	College of Chemistry and Chemical Engineering, Taiyuan University of Technology	People's Republic of China	Jun. 9, 2013
	Institute of Coal Chemical Engineering, Taiyuan University of Techology	People's Republic of China	Jun. 9, 2013
	Korea Institute of Radiological and 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
Institute of Radiation	Chulalongkorn University, School of Engineering, Department of Nuclear Engineering	Kingdom of Thailand	Nov. 20, 2013
Emergency Medicine	Institute for Nuclear Science and Technology, Vietnam Atomic Energy Institute	Socialist Republic of Vietnam	Nov. 22, 2013
	Hengyang Normal University, Faculty of Physics and Information Science	People's Republic of China	Nov. 11, 2014
	Philippines Nuclear Research Institute	Republic of the Philippines	Jun. 30, 2015
University Hospital	Pusan University Hospital Clinical Testing Center	Republic of Korea	Nov. 17, 2012
The Shirakami Institute for Environmental Sciences	Far Eastern Division of the Russian Academy of Sciences, Botanical Garden Institute, Vladivostok	Russian Federation	Feb. 20, 2015

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INTERNATIONAL STUDENTS

																		Α	s of I	May	1,2016
	Divisions	Country Faculties, etc.	China	Taiwan	South Korea	Thailand	Malaysia	Indonesia	Vietnam	Mongolia	Myanmar	India	Bangladesh	U.S.A	Canada	France	Hungary	Australia	Algeria	Ghana	Total
		Humanities	12	1	1		З														17
		Humanities and Social Sciences			1		1														2
		Education	2																		2
	Private Regular Students	Medicine	1		1						1										З
		Health Sciences	2																		2
		Science and Technology	4			1	1														6
		Agriculture and Life Science	1						1												2
Under		Humanities and Social Sciences	2																		2
Undergraduates	Private Research Students	Education	1																		1
s		Agriculture and Life Science	1																		1
		Humanities	4			4								2	1	2					13
		Humanities and Social Sciences	5		4	2								4				1			16
	Private Subject Students and Auditors	Education	2																		2
		Science and Technology	4																		4
		Agriculture and Life Science															1				1
	Foreign Students funded by the Japanese Government (Ministry of Education, Culture, Sports, Science and Technology) Japanese Studies Scholarship Students	Humanities	1									1									2
	Foreign Students funded by the Japanese Government (Ministry of Education, Culture, Sports, Science and Technology) Regular Scholarship Students	Medicine															1				1
	Regular Scholarship Students	Science and Technology				2		1											4		7
		Humanities and Social Sciences	16																	1	17
G		Education	4																		4
Graduates		Medicine	8																		8
	Private Regular Students	Science and Technology	8	1		1	2	1													13
		Agriculture and Life Science	6						1	1											8
		Regional Studies	3																		3
		The United Graduate School of Agricultural Sciences	5					1					1								7
	Total				7	10	7	3	2	1	1	1	1	6	1	2	2	1	4	1	144

In order to promote the exchange of knowledge and personnel through the international exchange of overseas universities (including Overseas Partner Institutions), the Overseas Center Office is doing the following work:

- 1. Work to secure the most elite exchange students
 - (PR activities for the university, responding to inquiries from prospective study-abroad students)
- 2. Support activities for students from the university who have gone overseas to study
- 3. Network building and cooperation with graduates and other students who have had study abroad experience at Hirosaki University
- 4. Support for exchanging knowledge with educational and research institutions in countries where the university has established a relationship (collecting and offering information, organizing, etc.)
- 5. Other activities that contribute to the internationalization of Hirosaki University.

(1) Dalian Office (People's Republic of China)

- Date established: July 13, 2012
- Place established: At Dalian University of Technology's Energy Laboratory



- Date established: December 14, 2012
- Place established: At Khon Kaen University's Faculty of Humanities and Social Sciences' Rattanapittaya Building



弘前大学大連事務所 Hiresaki University Dalian Office

(3) Yanbian Office (People's Republic of China)

- Date established: October 15, 2013
- Place established: Yanbian University International Exchange Office



International Collaboration Office

Founded in April 2013

The International Collaboration Office drafts the plans of the measures to affect globalization promotion of Hirosaki University. Through the interchange with University-wide Agreements, it is intends to contribute to the further globalization of education and research.





	Administration Bureau								
	Faculty of Humanities and Social Sciences								
	Faculty of Education								
	Center for Educational Research and Practice								
	Health Administration Center								
	Office Organizing Workshops and Courses for the Teacher Qualification Renewall System								
	University Press								
	University Museum								
1	International Education Center								
	Volunteer Center								
	International Collaboration Office								
	University Library								
	General Education Building								
	50th Anniversary Auditorium								
	Hirosaki Higher School Foreign Lecturer Residence								
	Office for the Promotion of Gender Equality								
	Center for Education and Research of Lifelong Learning								

	Faculty of Science and Technology
	Earthquake and Volcano Observatory
	Faculty of Agriculture and Life Science
)	Gene Research Center
	Computing and Networking Center
	Center for Instrumental Analysis
	60th Anniversary Auditorium 'Collabo HiroDai'
)	School for Special Needs Education
	Elementary School
	Junior High School
)	Kindergarten
	Hokuo-Ryo Dormitory (male)
	Ho-Ryo Dormitory (female)

2

3

4

	5	Hokumei-Ryo Dormitory (male • International Student)
	6	International House
	\bigcirc	Guest House "Bunkyo-so"
		Graduate School of Medicine
	8	Institute for Animal Experimentation
		Institute of Brain Science
,		Radioisotope Laboratory
	9	Medical Communications Center
	10	University Hospital
	(11)	Graduate School of Health Sciences
	(12)	Institute of Radiation Emergency Medicine



2016



Hirosaki University Logo

Established July 24, 2006

– Concept –

The university's logo takes cherry blossoms, for which Hirosaki City has great pride, as its motif. Blossoms representing each of the school's five faculties are gathered together into one large blooming flower, facing the future. The circle in the center of the logo stands for the Earth, and expresses how graduates of Hirosaki University will make outstanding contributions to business and research, helping to make the world go round. In addition, the five different colors represent the different faculties: red for Medicine, orange for Education, green for Agriculture & Life Science, blue for Science & Technology, and purple for Humanities and Social Sciences. The image of the flowers scattered around the Earth like satellites also carries the meaning of Hirosaki University becoming a beacon for the region. Taken as a whole, the logo was designed to have a colorful, modern feel, brimming with freshness, vigor, and the energy of an enjoyable campus life.

Edited by Public Relations/International Department, General Affairs Division, Hirosaki University 1 Bunkyo-cho, Hirosaki, Aomori-ken, 036-8560, Japan

