

2019 HIROSAKI UNIVERSITY Overview

IDEALS AND PRINCIPLES • FUNDAMENTAL GOALS

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 universitywide reorganization. We have 1) strengthened human resource development programs in the fields of science, technology and

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 postgraduate 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 advanced 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 reform 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. 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"

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.

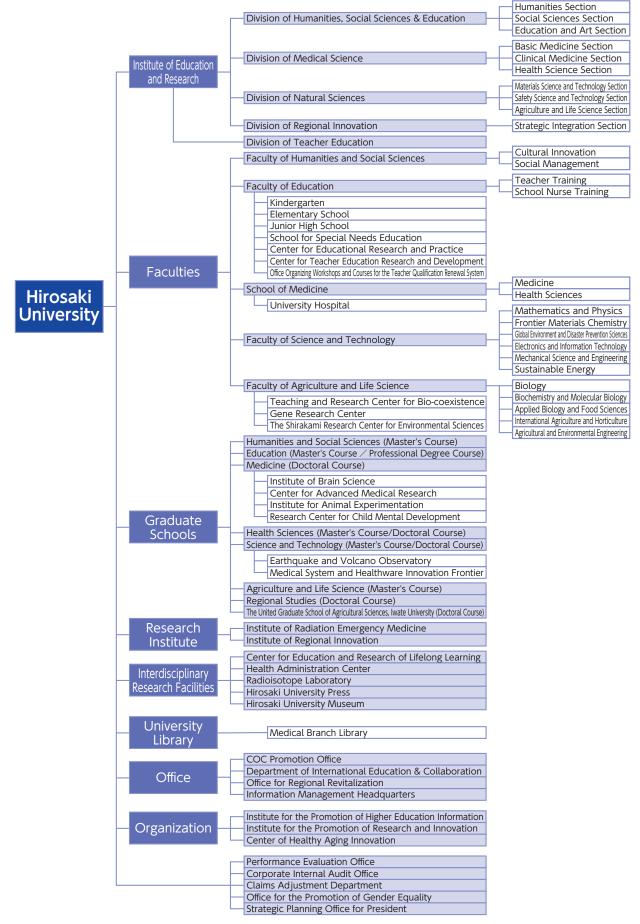
Globalization

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





Hirosaki University Logo

Concept: The university's logo takes cherry blossoms, for which Hirosaki City has great pride, as its motif. Blossoms representing each of 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.

Established July 24, 2006

President, Executive Director, Auditor

As of May 1, 2019

Presi	ident	Executive and Vice			litor	Assistar Presi	it to the dent	Vice Ex Dire	ecutive ctor	То	tal	Grand Total
Μ		М				М		М				
1		6	1	1	1(1)	3(2)		3(1)		14(3)	2(1)	16(4)

Note: Part-time positions are shown in () and are included int 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	ssors	Asso Profe		Lenti	urers	Assis Profe		Rese Assoc		Teach Attao Sch	ched	Tot	tal	Other	Staff	То	tal	Grand Total
The Number of Present Employees	194	25	172	32	88	28	142	58	32	21	47	48	675	212	356	735	1,031	947	1,978
Administration Bureau															112	43	112	43	155
Faculty of Humanities and Social Sciences	22	6	24	6	8	3							54	15	5	3	59	18	77
Faculty of Education	32	6	22	6	12	8		1			47	48	113	69	10	5	123	74	197
Graduate School of Medicine	40	2	27	2	22	1	51	22	14	6			154	33	11	7	165	40	205
Graduate School of Health Sciences	19	9	9	6	10	8	13	11	2	3			53	37	7	2	60	39	99
University Hospital			8	1	29	4	49	17	15	12			101	34	161	644	262	678	940
Graduate School of Science and Technology	40	1	37	3	3		13	1	1				94	5	13	10	107	15	122
Faculty of Agriculture and Life Science	27	1	34	4			12	2					73	7	16	6	89	13	102
Graduate School of Regional Studies	2		2										4	0			4	0	4
Institute of Radiation Emergency Medicine	3						3						6	0	3		9	0	9
Institute of Regional Innovation	6		5					2					11	2	4		15	2	17
Center for Education and Research of Lifelong Learning					1								1	0			1	0	1
Health Administration Center	1			1		1							1	2		2	1	4	5
Radioisotope Laboratory													0	0		1	0	1	1
University Library													0	0	3	8	3	8	11
Department of International Education & Collaboration			2	2				1					2	3	3	3	5	6	11
Office for Regional Revitalization			1										1	0			1	0	1
Information Management Headquaters													0	0	5	1	5	1	6
Institute for the Promotion of Higher Education Information	1		1	1	2	2	1						5	3			5	3	8
Center of Healthy Aging Innovation	1				1	1							2	1			2	1	3
COC Promotion Office													0	0	3		3	0	3
Office for the Promotion of Gender Equality								1					0	1			0	1	1

Note: Number for staff working in the Corporate Internal Audit Office and Strategic Plannning Office for President are included in the number for the Administration Bureau.

Undergraduates

As of May 1, 2019

Anna En Francia En Actual Enrollment																										
Faculties	Departments and Courses	ıal Admi: Capacity	Second year ransfer Student	Third year ransfer Student	Enrollment Capacity	Fre	shme	en	Soph	omo	res	Ju	niors		Se	eniors	5	5t	h yea	ar	6t	h yea	ar	Gr	and Tc	tal
es		l Admission apacity	'ear udent	ear udent	ent ty		Μ	F	Total	Μ			Μ			Μ		Total	Μ		Total	Μ		Total	Μ	F
Soci	Cultural Innovation	110			440	115	32	83	111	36	75	112	40	72	106	45	61							444	153	291
Social Sciences	Social Management	155			620	172	83	89	162	93	69	158	97	61	164	96	68							656	369	287
s and	Total	265			1,060	287	115	172	273	129	144	270	137	133	270	141	129							1,100	522	578
	Humanities and Cultural Studies														22	13	9							22	13	9
Huma	Social Science and Social System Studies														22	10	12							22	10	12
Humanities	Economies and Commercial Sciences														18	16	2							18	16	2
	Total				0	0	0	0	0	0	0	0	0	0	62	39	23							62	39	23
	Teacher Training Division	150			600	158	71	87	152	65	87	156	77	79	169	90	79							635	303	332
Educatoin	School Nurse Training Division	20			80	21	0	21	20	0	20	20	0	20	21	0	21							82	0	82
atoin	Community Education Training Division														8	5	3							8	5	3
	Total	170			680	179	71	108	172	65	107	176	77	99	198	95	103							725	308	417
Μ	Medicine	112	20		772	114	58	56	157	84	73	140	76	64	147	95	52	111	69	42	124	83	41	793	465	328
Medicine	Health Sciences	200		30	860	205	64	141	204	66	138	208	68	140	213	70	143							830	268	562
ē	Total	312	20	30	1,632	319	122	197	361	150	211	348	144	204	360	165	195	111	69	42	124	83	41	1,623	733	890
	Mathematics and Physics	78		2	316	76	66	10	81	72	9	75	67	8	80	66	14							312	271	41
	Frontier Materials Chemistry	52		1	210	52	35	17	52	42	10	51	37	14	57	45	12							212	159	53
S	Global Environment and Disaster Prevention Sciences	65		2	264	67	53	14	67	43	24	66	50	16	66	51	15							266	197	69
Science	Electronics and Information Technology	55		2	224	57	47	10	59	50	9	59	57	2	64	57	7							239	211	28
and	Mechanical Science and Engineering	80		2	324	82	74	8	81	75	6	80	71	9	78	74	4							321	294	27
Technology	Sustainable Energy	30		1	122	28	21	7	32	27	5	30	25	5	31	23	8							121	96	25
lology	Advanced Physics					-			-			-			1	1	0							1	1	0
	Earth and Environmental Sciences					-			-			-			4	4	0							4	4	0
	Intelligent Machines and System Engineering					-			-			-			11	10	1							11	10	1
	Total	360		10	1,460	362	296	66	372	309	63	361	307	54	392	331	61							1,487	1,243	244
	Biology	40			160	43	31	12	40	29	11	40	26	14	42	32	10							165	118	47
Agr	Biochemistry and Molecular Biology	40			160	40	16	24	41	25	16	42	26	16	45	26	19							168	93	75
Agriculture	Applied Biology and Food Sciences	55			220	57	31	26	56	29	27	57	31	26	55	28	27							225	119	106
ire and	International Agriculture and Horticulture	50			200	55	30	25	48	25	23	51	23	28	50	21	29							204	99	105
Life	Agriculture and Environmental Engineering	30			120	32	28	4	33	26	7	32	27	5	30	25	5							127	106	21
Science	Applied Bioscience														5	4	1							5	4	1
Če	Agriculture and Horticulture														7	4	3							7	4	3
	Total	215			860	227	136	91	218	134	84	222	133	89	234	140	94							901	543	358
G	irand Total	1,322	20	40	5,692	1,374	740	634	1,396	787	609	1,377	798	579	1,516	911	605	111	69	42	124	83	41	5,898	3,388	2,510

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Graduates

As of May 1, 2019

																		,	, 2015
			Annua	05							Actua	Enrol	lment						
C	Classificatior		al Adn Capaci	Enrollment Capacity		eshme		Sop	homo	res		luniors			Seniors			and To	
			Annual Admission Capacity	ent ity	Total	Μ	F	Total	М	F	Total	Μ	F	Total	Μ	F	Total	Μ	F
		Cultural Studies	10	20	13	6	7	18	9	9			/				31	15	16
Humanities and Social Sciences	Master's Course	Applied Social Sciences	6	12	9	7	2	11	3	8							20	10	10
		Total	16	32	22	13	9	29	12	17							51	25	26
		School Education	16	32	16	7	9	24	6	18			/				40	13	27
	Master's	Curriculum Studies			-			1	0	1		/	/		/	/	1	0	1
	Course	Coordinated School Health (Yogo) Education			-			0	0	0							0	0	0
		Total	16	32	16	7	9	25	6	19	/	/			/		41	13	28
	Professional Degree Course	Professional Development of Teachers	16	32	19	12	7	13	8	5							32	20	12
Medicine	Doctoral Course	Medical Science	60	240	55	36	19	42	33	9	57	37	20	103	73	30	257	179	78
Health Sciences	Master's Course	Health Sciences	30	60	33	24	9	37	25	12		/					70	49	21
Health Sciences	Doctoral Course	Health Sciences	12	36	14	10	4	14	10	4	21	8	13				49	28	21
	Master's Course	Science and Technology	120	240	107	92	15	107	92	15		/					214	184	30
Science and		Advanced Materials Science and Technology	6	18	3	3	0	4	3	1	3	2	1				10	8	2
Technology	Doctoral Course	Safety Science and Technology	6	18	9	6	3	9	6	3	6	5	1				24	17	7
		Total	12	36	12	9	3	13	9	4	9	7	2		·		34	25	9
Agriculture and Life Science	Master's Course	Agriculture and Life Sciences	60	120	56	39	17	50	30	20							106	69	37
Regional Studies	Doctoral Course	Regional Studies	6	18	6	2	4	7	5	2	25	16	9				38	23	15
	Grand Total		348	846	340	244	96	337	230	107	112	68	44	103	73	30	892	615	277

The United Graduate School of Agricultural Sciences,

Iwate University (Doctoral Course) The current figure indicates the number of students who belong to Hirosaki University (supervising educators). As of May 1, 2019

Classification		о Б							Actua	l Enrol	lment					
		irollme Japacit				Sop	homo			luniors		Senior			and To	otal
	mission :ity			Μ		Total	Μ		Total			Μ		Total		F
The United Graduate School of Agricultural Sciences, Iwate University (Doctoral Course)	24	80	7	4	3	9	7	2	8	5	3		\geq	24	16	8

Attached School (Faculty of Education)

As of May 1, 2019

	-	Enrollment Capacity	Classes				Actual Enro	llment		
Classification	Classification			1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	Total
Kindergarten	90	4	(3-year	-old) 17	(4-year	-old) 25	(5-year	-old) 22	64	
Elementary Scho	642	21	103	94	82	102	89	84	554	
Junior High Scho	Junior High School				164	161				489
	(Elementary)	18	3	(Low	ver) 6	(Interme	ediate) 5	(High	ner) 6	17
School for Special Needs Education	(Junior High)	18	3	6	4	5				15
	(Senior High)	24	3	8	8	8				24
Total	1,287								1,163	

International Students

As of May 1, 2019

	ciriacionat	Judents																					., ,	2015
	Classification	Country / Region Faculties, etc.	China	Taiwan	South Korea	Thailand	Malaysia	Singapore	Indonesia		Mongolia	Bangladesh	U.S.A.	Canada	France	Italy		Hungary	Uzbekistan	New Zealand	Fiji	Ethiopia	Cameroon	Total
		Humanities	1																					1
		Humanities and Social Sciences	7		2		3			3	1													16
	Private Regular	Medicine	1																					1
	Students	Health Sciences	1	1																				2
		Science and Technology	8			1	2																	11
		Agriculture and Life Science	2		1		2			2														7
		Humanities and Social Sciences	5																					5
C	Private Research	Education	2																					2
nderg	Students	Science and Technology	1																					1
Undergraduates		Agriculture and Life Science	2																					2
tes		Humanities and Social Sciences	9	1	9	6							4	1	6	5	1			3				45
	Private Subject	Education	4																					4
	Students and Auditors	Science and Technology	3		1																			4
		Agriculture and Life Science	1		1									1				1						4
	Students funded by the Japanese Government (Ministry of Education, Culture, Sports, Science and Technology) Jappanese Studies Scholarship Students	Humanities and Social Sciences				1																		1
	Students funded by the Japanese	Medicine																1						1
	Government (Ministry of Education, Culture, Sports, Science and	Health Sciences																					1	1
	Technology) Regular Scholarship Students	Science and Technology				2			2															4
	Students funded by the Japanese Government (Ministry of Education, Culture, Sports, Science and Technology) Research Scholarship Students	Education																			1			1
Gra		Humanities and Social Sciences	26										1											27
Graduates		Education	4																					4
S.		Medicine	9																					9
	Private Regular	Health Sciences	2					1	2															5
	Students	Science and Technology	17			1	1		1															20
		Agriculture and Life Science	9							1	1													11
		Regional Studies	5			1																		6
		The United Graduate School of Agriculture Sciences	4							2		2							1			1		10
	Private Research Students	Agriculture and Life Science	1																					1
	Special Research Students	Science and Technology	1																					1
	Total		125	2	14	12	8	1	5	8	2	2	5	2	6	5	1	2	1	3	1	1	1	207

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International Academic Exchange Agreements (University-wide Agreements)

	Country / Region	University	Date of Agreement
		University of Tennessee at Martin	July 8, 1980
		University of Maine	June 26, 1997
	U.S.A	San Diego State University	March 19, 2001
		University of Hawai'i Community Colleges	October 30, 2017
North America / South America		University of Saskatchewan	December 7, 2001
	Canada	Mount Royal University	June 1, 2005
		Thompson Rivers University	October 19, 2006
	Republic of Chile	University of La Frontera	June 25, 2002
	United Mexican States	The Benito Juarez Autonomous University	May 13, 2016
	French Republic	University Bordeaux Montaigne	January 31, 1994
		Far Eastern State Medical University	December 14, 1995
	Russian Federation	M. V. Lomonosov Moscow State University	September 20, 2000
		Irkutsk State University	March 20, 2002
Europe	Romania	Hyperion University	September 11, 1998
	Federal Republic of Germany	University of Trier	May 3, 1999
	Hungary	, University of Debrecen	December 22, 2000
	Italian Republic	University of Catania	March 27, 2018
		University of Otago	September 20, 2000
Oceania	New Zealand	Auckland University of Technology	December 12, 2001
		Harbin Normal University	August 1, 1995
		Yanbian University	August 28, 2000
		Zhengzhou University	October 12, 2000
			December 28, 2009
	People's Republic of China	Dalian University of Technology	
		Xinjiang Institute of Engineering	September 23, 2016
		Qingdao Agricultural University	December 26, 2016
		Taiyuan University of Technology	April 19, 2017
		Shenyang University of Chemical Technology	November 20, 2017
East Asia		Nam Seoul University	June 1, 2001
	Republic of Korea	Kyungpook National University	July 11, 2001
		Pusan National University	December 12, 2001
		Kyonggi University	September 25, 2002
		National University of Kaohsiung	November 17, 2016
		Kainan University	November 18, 2016
	Taiwan	Mackay Medical College	October 30, 2017
		National Pingtung University	April 10, 2018
		Chinese Culture University	February 19, 2019
		Chiang Mai University	November 2, 2000
	Kingdom of Thailand	Khon Kaen University	May 6, 2008
		Thammasat University	April 14, 2017
Southeast Asia	Malaysia	Universiti Tunku Abdul Rahman	April 11, 2017
	Republic of Indonesia	Institut Teknologi Bandung	May 2, 2017
		National Nuclear Energy Agency	October 3, 2017
	Socialist Republic of Viet Nam	An Giang University	July 2, 2018
	Dopublic of Links Lister	Tashkent State Agrarian University	Sepember 19, 2016
Central Asia	Republic of Uzbekistan	Samarkand Agricultural Institute/University	Sepember 22, 2016
	Turkmenistan	Turkmen Agricultural University named after S.A.Nyyazov	March 28, 2019

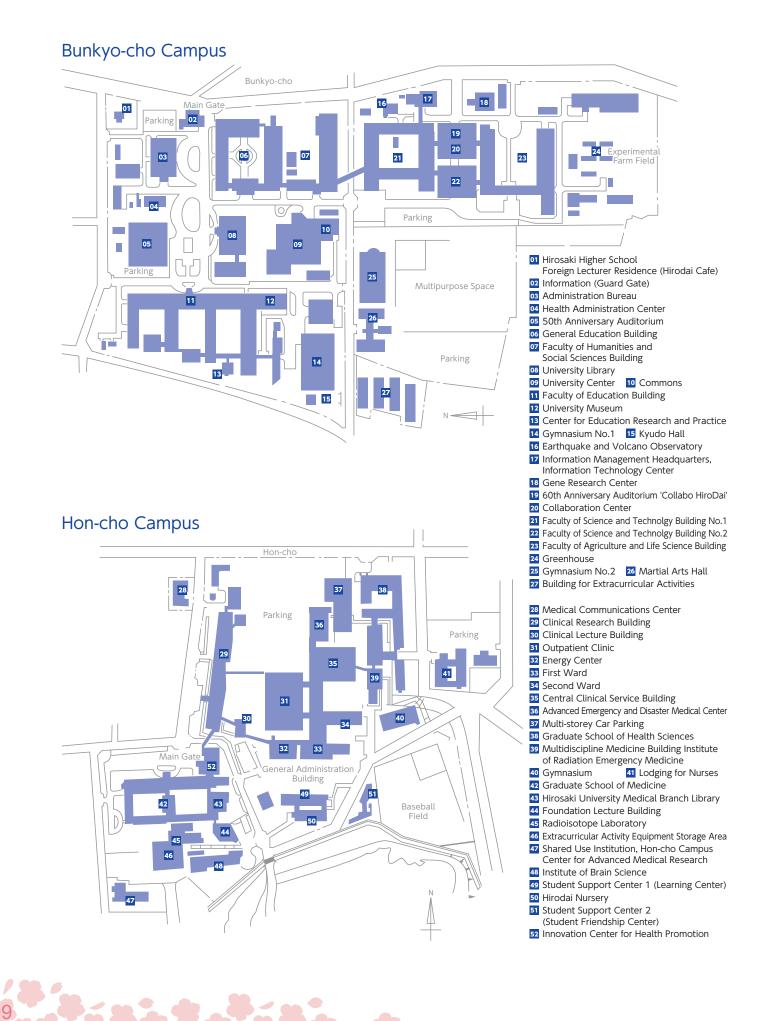


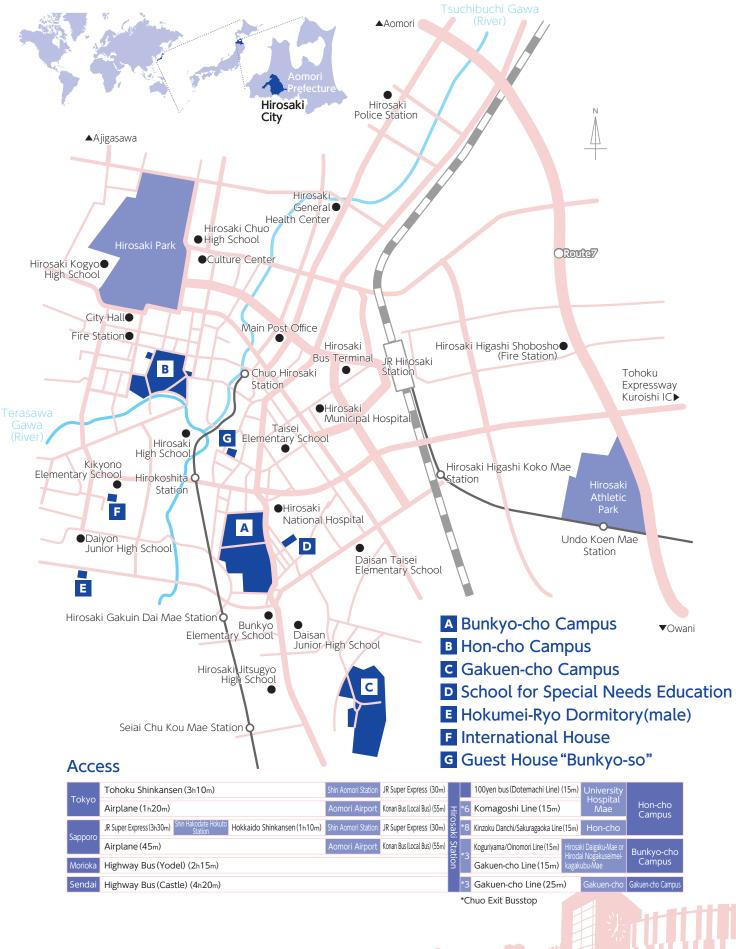
International A	Academic Exchange	Agreements (D	Discipline-specific	Agreements)
integration of the state of the				

	Country	University	Date of Agreement	Note
		University of Tennessee Center for the Health Sciences	May 19, 1982	(School of Medicine)
North America / South America	U.S.A	University of South Carolina	July 20, 1994	(Faculty of Education)
	Jamaica	The University of the West Indies	February 25, 2002	(School of Medicine)
	Russian Federation	Botanical Garden – Institute Far Eastern Branch Russian Academy of Sciences	February 20, 2015	(Faculty of Agriculture and Life Science)
	Hungary	University of Pannonia, Faculty of Engineering, Institute of Radiochemistry and Radioecology	March 18, 2013	(Institute of Radiation Emergency Medicine)
Europe	Republic of Slovenia	Faculty of Medicine, University of Ljubljana	November 28, 2014	(School of Medicine)
	Kingdom of Sweden	Centre for Radiation Protection Research, Stockholm University	March 6, 2013	(Graduate School of Healt Sciences)
	Republic of Finland	Ruralia Institute, University of Helsinki	September 7, 2009	(Faculty of Humanities an Social Sciences)
		China Medical University	October 25, 2005	(School of Medicine)
		Department of Physics and Electronic Information Science,Hengyang Normal University	November 11, 2014	(Institute of Radiation Emergency Medicine)
East Asia		College of Horticulture, ShenYang Agricultural University	November 3, 2015	(Faculty of Agriculture and Life Science)
	People's Republic of China	National Institute for Radiological Protection, China CDC	May 2, 2016	(Institute of Radiation Emergency Medicine)
	r copie s republic or crima	School of Chemical Engineering, Sichuan University	June 8, 2016	(Institute of Regional Innovation)
		School of Radiation Medicine and Protection and Radiation Medicine and Interdisciplinary Sciences, Soochow University	May 21, 2018	(Institute of Radiation Emergency Medicine)
		Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences	October 29, 2018	(Faculty of Agriculture an Life Science)
		Institute of Radiation Medicine, Fudan University	March 12, 2019	(Institute of Radiation Emergency Medicine)
		Korea Institute of Radiological and Medical Sciences(KIRAMS)	January 21, 2013	(Institute of Radiation Emergency Medicine)
	Des bliss filesse	Dongnam Institute of Radiological & Medical Sciences(DIRAMS)	June 14, 2016	(Institute of Radiation Emergency Medicine)
	Republic of Korea	The College of Agriculture, Life & Environment Sciences, Chungbuk National University	December 6, 2018	(Faculty of Agriculture and Life Science)
		College of Agriculture and Life Sciences, Kangwon National University	November 5, 2018	(Faculty of Agriculture an Life Science)
	Taiwan	College of Agriculture and Natural Resources, National Chung Hsing University	November 15, 2017	(Faculty of Agriculture an Life Science)
		Faculty of Agriculture, Kasetsart University	May 27, 2015	(Faculty of Agriculture and Life Science)
		Faculty of Science, Chulalongkorn University	January 30, 2018	(Institute of Regional Innovation)
	Kingdom of Thailand	Faculty of Science, Kasetsart University	July 11, 2018	(Institute of Radiation Emergency Medicine)
	Kingdom of mailand	School of Energy and Environment, University of Phayao	August 6,2018	(Faculty of Agriculture and Life Science)
Southeast Asia		School of Management and Information Sciences, University of Phayao	August 6,2018	(Faculty of Agriculture and Life Science)
		Faculty of Engineering, Chulalongkorn University	December 21, 2018	(Institute of Radiation Emergency Medicine)
	Socialist Republic of Viet Nam	Institute for Nuclear Science and Technology,Vietnam Atomic Energy Institute	November 22, 2013	(Institute of Radiation Emergency Medicine)
	Republic of the Philippines	The Philippine Nuclear Research Institute	Junuary 30, 2015	(Institute of Radiation Emergency Medicine)
	India	Faculty of Science, Alagappa University	August 7,2018	(Faculty of Agriculture an Life Science)
	india	Faculty of Arts, Alagappa University	August 7,2018	(Faculty of Agriculture and Life Science)
South Asia	People's Republic of	Atomic Energy Centre(AEC), Dhaka, Bangladesh Atomic Energy Commission	October 15, 2018	(Institute of Radiation Emergency Medicine)
	Bangladesh	Faculty of Agriculture, Hajee Mohammad Danesh Science & Technology University	November 24, 2018	(Faculty of Agriculture and Life Science)
		rechnology University		Life Science)



As of May 1, 2019







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