

GUNMA UNIVERSITY

GU 2017

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Hiroshi Hiratsuka
President of Gunma University

Gunma University strives to become a pioneer for the 21st Century through intellectual creations which value traditions and take advantage of cooperation with the people of our area to achieve world-leading outcomes.

Gunma University originates from the Training Center for Elementary School Teachers founded in 1873, Kiryu Higher Dyeing and Weaving Vocational School founded in 1915, and Maebashi Medical College found in 1943. We established the Faculty of Social and Information Studies in 1993. Through its history, Gunma University has been providing an intellectual foundation for the area as an institution of higher education by innovating itself to respond to ever changing social needs over the ages of Meiji, Taisho, Showa, and Heisei.

Now, Gunma University tries to achieve further advancement based on this history and tradition. We made a reform of the management system of the university in 2014 to cope with changes in the modern society quickly and adequately. Especially, the foundation of the “Institute for Education and Research” was one of the highlights in the reform. Under this Institute, regarding the assignment of the teaching staff, which is the essential resource for the university, the traditional concept that its activities had been limited to each faculty was revised. And the organization of the teaching staff was unified. All teaching staff belongs to this unified organization without any sort of partition, and individual teachers are dispatched from the Institute to different faculties and departments to exercise their roles such as education, research and social contribution. Under the circumstance, each faculty provides highly professional education to utilize the expertise with flexible and appropriate staff assignment. The Faculty of Education encourages the improvement of the Graduate School of Education to develop human resources who will grow to lead education in areas where the number of children declines. The Faculty of Social and Information Studies aims to develop human resources who are capable of identifying issues in the advanced information society and suggesting solutions to the issues with scientific thinking, practical information processing, and data collection/analysis. The Faculty of Medicine promotes the development of high-level medical professions by focusing on participation-based education

and the education of team medical care, considering that multi-occupational collaboration is essential to provide safe medical care. The School of Science and Technology, a pioneer of the Global Frontier Leader Course (GFL) Course for development of the next-gen leaders incorporated in all faculties, develops engineers and researchers who are capable of playing a key role for the future of the world.

As one of world-class features of Gunma University, there is a “cancer treatment” utilizing the heavy ion radiotherapy facility installed at Showa Campus as a joint business with the government of Gunma Prefecture. It is the second oldest facility at a university hospital in the world, and is the only one in Japan. Since the treatment started in 2010, about 2,400 cancer patients have received the treatment, and further development is expected.

In 2014, the Initiative for Advanced Research was established to propel the advancement of two medical groups: Integrated Oncology Research with heavy ion therapy as a core, and Endocrinology, Metabolism and Signal Research. We aim that it will become a truly global epicenter for medical research by establishing overseas laboratories and inviting capable researchers there. And it is expected that this movement will stimulate the Institute for Molecular and Cellular Regulation and the Graduate School of Medicine to strengthen their performance further.

In addition, we founded the Center for Research on Adoption of NextGen Transportation Systems in December 2016 with a view to promoting research on a new transportation system that utilizes a fully autonomous automated driving technology. We will build a new research facility in Aramaki Campus within this school year to actively contribute to solving issues of the local community in cooperation with local companies and local governments.

Summarizing all new movements above, Gunma University promotes the enhancement of the university's functions based on its strength, develops superior activities in the fields of education, research, medicine and social contribution based on intellectual creation, respects the relationship with people in the area, and continuously strives to become a world-class university.

Foundation of the Center for Research on Adoption of NextGen Transportation Systems



We promote initiatives to realize a fully automated driving society.

On December 1, 2016, Gunma University founded the “Center for Research on Adoption of NextGen Transportation Systems” with the aim of promoting research on a new transportation system that utilizes the fully autonomous automated driving technology (fully automated driving), which is equivalent to Level 4, and developing human resources with highly knowledgeable capabilities on the next-gen transportation. The center is promoting initiatives to realize a fully automated driving society based on the following technologies: information map creation for a fully automated driving, recognition/judgment/operation, vehicle-to-vehicle/vehicle-to-infrastructure communication, traffic control/remote control, fully autonomous vehicle platform development, and automated driving simulation technologies.

The center’s research for social implementation of a fully automated driving vehicle was adopted as an “Infrastructure Project for Regional Science and Technology Demonstration Site” of the Ministry of Education, Culture, Sports, Science and Technology. The “Research and Development Center for Fully Autonomous Automated Driving System” (R&D building) and the “Automated Driving Test Course”

will be built in Aramaki Campus in FY2017. In this R&D building, many facilities will be arranged, including a resident space for participating companies, local governments and researchers, “Collaboration Space” for discussing among concerned people, and “Server Room” “Simulation Room,” “Traffic Control/Remote Control Room” and “Vehicle Maintenance Engineering Room” for the research of the fully automated driving. In addition, the test course will have movable road facilities with various traffic conditions to conduct tests to evaluate for safety traveling of the fully automated driving system.

Gunma Prefecture is one of the most thriving areas of automotive-related industries in Japan. On the other hand, it has many traffic-related issues such as traffic congestion, and transportation in depopulated regions. Through activities at this R&D center, Gunma University contributes to solving issues that the local society and citizens are facing, and makes efforts to create innovation in a variety of fields in cooperation with local companies and local governments in the area.

C children's experimental education event “Gunma Kids University”



This event is aimed at nurturing youths who will bear the future of Japan.

As part of Gunma University's local contribution activities, the “Gunma Fun Science Fair” was started in FY2005. This event had been developed, and its name was changed into “Gunma Kids University” eight years ago to show that it has been carried out in cooperation with the entire faculties of Gunma University. The university is an institution of higher education where people study. It is one of the university's important missions to communicate sophisticated academic topics to people in an easy-to-understand manner. That is what the “Gunma Kids University” does. We teach sophisticated topics to children in such a manner that they can understand and get interested in those topics. We are concerned that the opportunity of experience-based learning is decreasing for children. The experience-based learning is aimed at nurturing the youths to bear the future of Japan and the world, by realizing its fun and profoundness through their five senses.

The event is conducted in two terms, each of which consists of experiments, display and simple quizzes concerning 15 topics or so. This event is aimed at nurturing the youths to bear the future of Japan, by

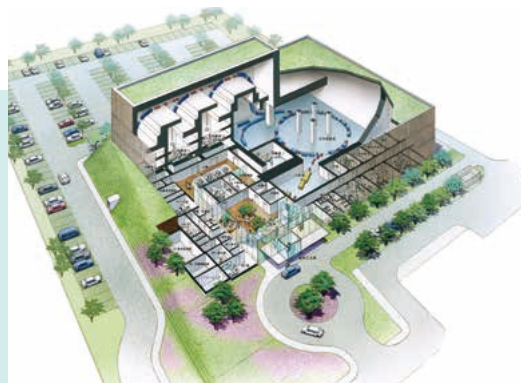
performing experiments with familiar goods and joining quiz rallies to acquire knowledge through experiments and experience.

6,590 children participated in the event in FY2016. The cumulative total number of participants from FY2005 to 2016 is 75,275. We have received positive feedback from most participants saying “Want to come back again,” which gives us confidence that this event is well accepted.

Usually, this type of event tend to be stuck in a rut and boring if it is repeated every year. We are making efforts to improve the “Gunma Kids University” in order not to repeat the same things unthinkingly. Such efforts are exemplified by the fact that many of groups which exhibit every year change the content of their exhibits every year.

We enjoy working on the “Gunma Kids University” together with the faculty staff, students and other people involved in this event to make it an wonderful event to express the mind and hospitality of Gunma University as well as our university's attitude toward learning.

Challenge to intractable cancer and advanced research on treatments with a heavy ion beam



Applying the potential of the heavy ion beam for future medical care

It is said that one of every two Japanese is suffering from cancer. Nowadays, a cancer treatment method needs to be selected in consideration of not only the chance for recovery but also the quality of life after the treatment.

The heavy ion beam has a potential to contribute to the future medical care greatly, such as overcoming intractable cancer and application to other diseases, because it is advantageous from biological and physics aspects compared to conventional radiotherapy. Gunma University, as an institution which the facility of the heavy ion therapy is attached to, conducts advanced medical care and research on various types of cancer from the standpoint of physics and biology fields.

In the field of physics, the collaborative integration between medicine and engineering is broadly studied. For example, the studies include the irradiation technique that ensures the quality and safety of medical treatment and that reflects the movement of internal organs to the treatment accurately, development of a new radiation dose measuring method for highly accurate therapeutic planning, development of a carbon beam CT and quasi-monochromatic X-ray CT for accurate measurement of electron densities inside human

bodies, and development of a diagnostic imaging system using Compton camera. We promote the development of a carbon-knife treatment as a next-gen heavy ion therapy and try to apply this technology for patients with diseases other than cancer by the improvement of the accuracy of the accelerator and beam control.

In the field of biology, the Heavy Ion Medical Research Center, Initiative for Advanced Research including the open laboratory of Harvard University, Radiation Oncology Laboratory, and related graduate students work in cooperation for cutting-edge research on about 20 themes including collaborative research themes for the purpose of demonstrating advantages of the heavy ion therapy, improving effects, and promoting sophistication and optimization. These days, the heavy ion beam is applied in research on space radiation. It contributes to the development of a new academic field.

Taking advantage of these unique strengths, Gunma University propels international cooperation and strives to develop a world-leading research hub as well as human resources through a variety of education and research programs such as the Doctoral Education Leading Program and Initiative for Advanced Research.

Learner-centered medical education by the promotion of outcome-based education



Development of excellent doctors and medical researchers who will make a continuous effort to enhance knowledge for life

So far, most Japanese universities have offered “teacher-centered education” which focuses more on “what teachers should teach.” Now, we are learning that education focusing on “what learners learn and what learners can learn” is more effective to learn. In such “learner-centered education”, it is suggested to clearly specify the outcome (learning outcomes) as the goal of learning and for students to actively study with the aim of achieving the goal.

Responding to the global trend in higher education, Gunma University’s School of Medicine of the Faculty of Medicine defined education outcomes in September 2016, and implements Outcome Based Medical Education. Specifically, “posture and competence that students should acquire by the time of graduation,” which are defined as the outcomes of the education, are broadly shared among all people related to the medical education of Gunma University, such as students and faculty staff, and local medical professionals under the slogan of SES, which is an acronym of Science, Ethics and Skill. And Gunma

University’s School of Medicine of the Faculty of Medicine implements learner-centered education which focuses on “what types of students can be developed” in cooperation with many people including not only faculty staff and students but also local medical professionals, local governments and patients.

It is now more essential than ever before for the students of the School of Medicine to acquire the ability surely to continue learning in order to grow up as useful human resources capable of responding to the diversified society and the rapidly evolving advancement in medicine and medical care.

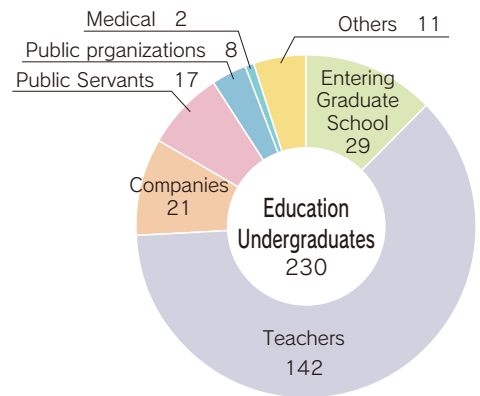
Gunma University’s School of Medicine of the Faculty of Medicine is committed to promote outcome-based education under the slogan of SES, to develop “excellent doctors, medical researchers, medical administrators, and medical educators who can make a continuous effort to enhance knowledge for life,” and to contribute to medicine, medical care and the local society.

Faculty of Education

Program	Divisions	Majors	Departments
School Education	Language and Social Sciences	Japanese Education, Social Studies Education, English Education	Japanese Education Social Studies Education English Education
	Natural and Information Sciences	Mathematics Education, Science Education, Technical Education	Mathematics Education Science Education Technical Education
	Arts and Music	Music Education, Art Education	Music Education Art Education
	Life and Health Sciences	Home Economics Education, Health and Physical Education	Home Economics Education Health and Physical Education
	Education and Human Sciences	School Education, Education Psychology, Education for Individuals with Special Needs	Health and Physical Education Education for Individuals with Special Needs



Employment of Graduates

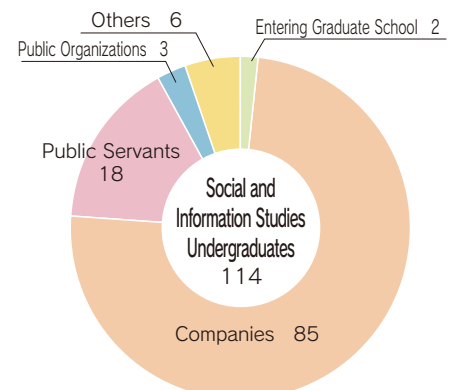


Faculty of Social and Information Studies

Department	Majors	Special course
Social and Information Studies	Media and Culture Public Affairs and Law Economics and Management	Data Analytics Program Global Frontier Leadership (GFL) Program



Employment of Graduates

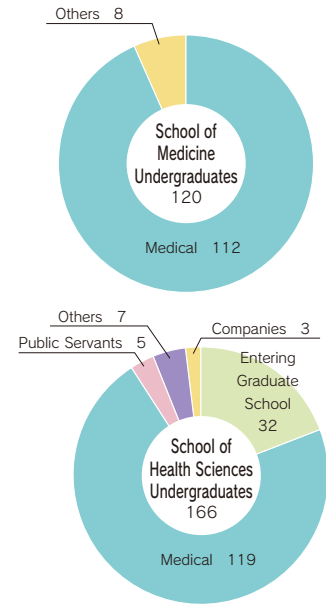


Faculty of Medicine

School	Department	Fields
Medicine		
Health Sciences	Nursing	Fundamental Nursing, Clinical Nursing, Maternal and Child Health Nursing and Midwifery, Community Health Nursing
	Laboratory Science	Basic Laboratory Sciences, Clinical Laboratory Sciences
	Physical Therapy	Basic Physical Therapy, Clinical Physical Therapy
	Occupational Therapy	Basic Occupational Therapy,
		Basic Sciences



Employment of Graduates

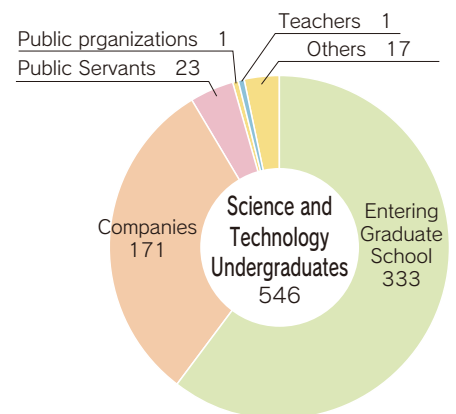


School of Science and Technology

Departments
Chemistry and Chemical Biology
Mechanical Science and Technology
Environmental Engineering Science
Electronics and Informatics
Intergrated Science and Technology



Employment of Graduates





Graduate School of Education

<http://www.edu.gunma-u.ac.jp/en/>



Master's Program

Programs	Courses	Majors
Education for individuals with Special Needs		
Education Practice in Specialised Subjects	Language and Social Sciences	Japanese Education, Social Studies Education, English Education
	Natural and Information Sciences	Mathematics Education, Science Education, Technical Education
	Arts and Music	Music Education, Art Education
	Life and Health Sciences	Home Economics Education, Health and Physical Education

Professional Degree Course

Programs	Courses
Program for Leadership in Education	Support for Childhood Education and School Life
	School Administration



Special Graduate Course of Special Education

Programs	Courses
Education for the Multiply Handicapped	Course for the First Class Certificate
	Course for the Advanced Class Certificate



Graduate School of Social and Information Studies

<https://www.si.gunma-u.ac.jp/english/>



Master's Program

Programs	Courses
Special and Information Studies	Social and Information System Design Course
	Media and Social Design Course





Graduate School of **Medicine**
<http://www.med.gunma-u.ac.jp/en/>



Master's Program

Programs
Biomedical Science

Doctoral Program

Programs	Courses	
Medical Sciences	Basic Medicine	Anatomy, Anatomy and Cell Biology, Molecular and Cellular Neurobiology, Biochemistry, Integrative Physiology, Neurobiology and Behavior Neurophysiology and Neural Repair, Neurobiology and Behavior, Genetic and Behavioral Neuroscience, Molecular Pharmacology and Oncology, Bacteriology, Parasitology, Public Health, Legal Medicine, Medical Philosophy, Ethics
	Clinical Medicine	Cardiovascular Medicine, Respiratory Medicine, Gastroenterology and Hepatology, Endocrinology and Metabolism, Nephrology and Rheumatology, Hematology, Neurology
		Cardiovascular Surgery, General Thoracic Surgery, Gastroenterological Surgery, Breast and Endocrine Surgery, Hepatobiliary and Pancreatic Surgery, Pediatric Surgery
		Radiation Oncology, Diagnostic Radiology and Nuclear Medicine, Psychiatry and Neuroscience, Anesthesiology, Emergency Medicine, Emergency Medicine, Rehabilitation Medicine, Clinical Laboratory Medicine, Pediatrics, Obstetrics and Gynecology, Urology, Ophthalmology, Otolaryngology-Head, Neck Surgery, Dermatology, Plastic Surgery, Orthopaedic Surgery, Clinical Pharmacology, Oral and Maxillofacial Surgery,
		[Cooperative and Joint Department] ● University Hospital Clinical Trials and Regulatory Science ● Institute for Molecular and Cellular Regulation Molecular Traffic, Medical Neuroscience, Secretion Biology, Molecular Membrane Biology, Molecular Endocrinology and Metabolism, Developmental Biology and Metabolism, Metabolic Signaling, Laboratory of Epigenetics and Metabolism, Molecular Genetics, Genome Sciences ● Heavy Ion Clinical Medicine Medical Physics and Biology for Ion Therapy, Heavy Ion Clinical Medicine ● Takasaki Advanced Radiation Research Institute, National Institutes for Quantum and Radiological Science and Technology Quantum Biology



Graduate School of **Health Sciences**
<http://www.health.gunma-u.ac.jp/en/>



Doctoral Program

Programs	Courses	Units
Master's Program	Health Sciences	Fundamental Health Sciences, Applied Health Science, International and Community Health Sciences
Doctoral Program		Nursing, Laboratory Sciences, Rehabilitation Sciences

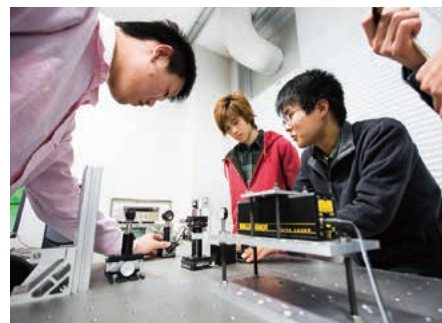


Graduate School of Science and Technology

<http://www.st.gunma-u.ac.jp/home-e/>



Programs	Courses	
Master's Program	Science and Technology	Materials and Biosciences
Doctoral Program		Mechanical Science and Technology
		Environmental Engineering Science
		Electronics and Informatics, Mathematics and Physics



Organizations for Advanced Research and Education



Institute for Molecular and Cellular Regulation

<http://www.imcr.gunma-u.ac.jp/?lan=en#main-slider/5>



Research Departments

Departments	Courses
Molecular and Cellular Biology	Molecular Genetics, Molecular Traffic, Laboratory of Epigenetics and Metabolism
Molecular Medicine	Molecular Endocrinology and Metabolism, Integrated Signaling Systems, Developmental Biology and Metabolism, Medical Neuroscience



Affiliated Research Center

Departments	Courses
Biosignal Genome Resource Center	Genome Sciences, Medical Genomics
Metabolic Signal Research Center	Metabolic Signaling, Translational Research
Biosignal Research Center	Secretion Biology, Molecular Membrane Biology

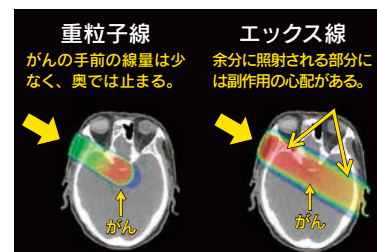


Organization for Promotion of Heavy Ion Medicine

<http://heavy-ion.showa.gunma-u.ac.jp/en/index.php>



Heavy Ion Medical Research Center Heavy Ion Medical Center



GU Data 2017

Faculties

As of May 1, 2017

Faculties	Departments etc.	Admission Capacity	Capacity	Present Enrollment Number																							
				1st year			2nd year			3rd year			4th year			5th year			6th year			Total					
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total			
Faculty of Education	Course in School Education	220	880	97	132	229	101	129	230	106	121	227	120	122	242							424	504	928			
Faculty of Social and Information Studies	Social and Information Studies	100	200	54	55	109	50	49	99													104	104	208			
	Information Behavioral Science	(10)	120							29	35	64	31	40	71							60	75	135			
	Information Social Science	(10)	120							29	32	61	39	33	72							68	65	133			
	Sub total	100(20)	440	54	55	109	50	49	99	58	67	125	70	73	143							232	244	476			
Faculty of Medicine	School of Medicine	108[15]	723	69	45	114	103	37	140	99	44	143	84	37	121	73	33	106	84	42	126	512	238	750			
	School of Health Sciences	160(10)	660	33	133	166	35	136	171	24	136	160	33	132	165							125	537	662			
	Sub total	268[15] (10)	1,383	102	178	280	138	173	311	123	180	303	117	169	286	73	33	106	84	42	126	637	775	1,412			
School of Science and Technology	Chemistry and Chemical Biology	160	640	84	85	169	89	83	172	99	75	174	91	71	162							363	314	677			
	Mechanical Science and Technology	110	440	112	7	119	123	5	128	129	4	133	113	8	121							477	24	501			
	Environmental Engineering Science	90	360	72	20	92	77	24	101	79	26	105	80	24	104							308	94	402			
	Electronics and Informatics	120	480	116	16	132	121	8	129	159	20	179	116	12	128							512	56	568			
	Integrated Science and Technology*	30	120	23	9	32	18	14	32	27	7	34	26	4	30							94	34	128			
Faculty of Engineering	Day Course	Chemistry and Chemical Biology			1	1				1	1	5	5									7	7				
		Mechnina ISystem Engineering					2	2					2	2							4	4					
		Production Science and Technology											1	1							1	1					
		Chemical and Environmental Engineering								1	1	1	1									2	2				
		Civil and Environmental Engineering								1	1		1	1							1	1	2				
		Electronic Engineering											4	4							4	4					
	Computer Science								4	1	5										4	1	5				
Evening Course	Production Science and Technology											5	5							5	5						
	Sub total	510(30)	2,040 [60]	408	137	545	430	134	564	500	133	633	444	120	564							1,782	524	2,306			
	Total	1,098[15] (60)	4,743 [60]	661	502	1,163	719	485	1,204	787	501	1,288	751	484	1,235	73	33	106	84	42	126	3,075	2,047	5,122			

Note: The Number in Parentheses [] indicate the transfer student admission capacity into the 2nd year and is not included in the total. The Number in Parentheses () indicate the transfer student admission capacity into the 3rd year and is not included in the total. A total of the transfer students are admitted to the School of Science and Technology and Quotas for these students are not assigned to each department. The Number in Parentheses [] indicate the common admission capacity in ST all departments and is not included in the total.
 ※ Evning Course (Flexible System)

Graduate Schools

As of May 1, 2017

Graduate Schools	Courses	Admission Capacity	Capacity	Present Enrollment Number																			
				1st year			2nd year			3rd year			4th year			5th year			Total				
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total		
Graduate School of Education	Master's Program	Education for individuals with Special Needs	3	6	2	2	1	3	4										1	5	6		
		Education Practice in Specialized Subjects	20	40	15	11	26	16	11	27										31	22	53	
	Sub total		23	46	15	13	28	17	14	31										32	27	59	
	Professional Degree Course	Leadership in Education	16	32	8	5	13	6	13	19										14	18	32	
	Total		39	78	23	18	41	23	27	50										46	45	91	
Graduate School of Social and Information Studies	Master's program	Social and Information Studies	14	28	5	6	11	4	9	13									9	15	24		
Graduate School of Medicine	Master's Program	Biochemical Sciences	15	30	7	5	12	8	6	14									15	11	26		
	Doctoral Program	Medical Sciences	57	228	28	18	46	41	16	57	46	20	66	83	29	112			198	83	281		
	Total		72	258	35	23	58	49	22	71	46	20	66	83	29	112			213	94	307		
Graduate School of Health Sciences	Master's Program	Health Sciences	50	100	30	20	50	34	27	61									64	47	111		
	Doctoral Program	Health Sciences	10	30							6	5	11	4	8	12	14	20	34	24	33	57	
	Total		60	130	30	20	50	34	27	61	6	5	11	4	8	12	14	20	34	88	80	168	
Graduate School of Science and Technology	Master's Program	Material and Bioscience	300	600	78	24	102	66	36	102									144	60	204		
		Mechanical Science and Technology			87	2	89	69	5	74										156	7	163	
		Environmental Engineering Science			43	7	50	38	10	48											81	17	98
		Electronics and Informatics, Mathematics and Physics			83	9	92	95	10	105											178	19	197
		Sub total			300	600	291	42	333	268	61	329										559	103
	Doctoral Program	Material and Bioscience	39	117							4	4	8	4	3	7	11	4	15	19	11	30	
		Mechanical Science and Technology										4	4	6	6	10	1	11	20	1	21		
		Environmental Engineering Science										2	3	5	5	3	8	8	2	10	15	8	23
		Electronics and Informatics, Mathematics and Physics										3	1	4	4	1	5	5	5	5	12	2	14
		Sub total			39	117							13	8	21	19	7	26	34	7	41	66	22
Total		339	717	291	42	333	268	61	329	13	8	21	19	7	26	34	7	41	625	125	750		
Graduate School of Engineering	Doctoral Program	Engineering																11	11	11	11		
		Sub total																	11	11	11	11	
	Total																		11	11	11	11	
by program	Master's Program		402	804	348	86	434	331	117	448									679	203	882		
	Doctoral Program		106	375	28	18	46	41	16	57	65	33	98	106	44	150	59	27	75	299	138	437	
	Professional Degree Course		16	32	8	5	13	6	13	19									14	18	32		
Total		524	1,211	384	109	493	378	146	524	65	33	98	106	44	150	59	27	75	992	359	1,351		

GU Data 2017

Graduate Course

As of May 1, 2017

Graduate Course	Courses	Admission Capacity	Capacity	Present Enrollment Number		
				Male	Female	Total
Special Graduate Course of Special Education	Education for the Multiply Handicapped	15	15	9	8	17

International Exchange Agreements

Agreement between Universities
 Agreement between Faculties

Country/ Region	Universities	Date of Agreement
Asia		
CHINA	X'ian Jiaotong University	Dec. 4, 2001
	Xianmen University	Sept. 19, 2002
	Shenyang University of Chemical Technology	Mar. 31, 2003
	North China Electric Power University	May 22, 2005
	Dalian Medical University	Jul. 12, 2007
	Dalian University of Technology	Jan. 30, 2007
	Dalian Polytechnic University	Sept. 26, 2007
	Institute of Process Engineering, Chinese Academy of Science	Jul. 16, 2008
	Chongqing Jiaotong University	Mar. 25, 2009
	Hainan University	Jul. 29, 2009
	The College of Life Sciences of Nankai University	Nov. 2, 2002
	Sun Yat-sen University	Nov. 2, 2005
	College of Life Science of Inner Mongolia University	Feb. 13, 2007
	Hefei University of Technology	Feb. 23, 2008
	Shanghai Jiao Tong University	Mar. 25, 2008
	School of Optic and Electronic Engineering, University Shanghai for Science and Technology	Jul. 28, 2008
	State Key Laboratory of Geohazards Prevention, Chengdu University of Technology	Oct. 8, 2008
	China University of Mining and Technology	Jan. 23, 2009
	School of Sciences, Northeastern University	Feb. 28, 2009
	School of Mechanical Engineering, Tsinghua University	Mar. 29, 2009
	Southwest Jiaotong University	Jul. 1, 2009
	Hunan University of Science and Technology	Oct. 16, 2009
	Hebei University of Technology	Mar. 20, 2010
	School of Energy and Power Engineering, Yangzhou University	Jun. 26, 2012
	College of Information Engineering, Yangzhou University	Mar. 8, 2013
	School of Optoelectronics and Communication Engineering, Xiamen University of Technology	Jul. 22, 2013
	School of Precision Instrument and Opto-Electronics Engineering, Tianjin University	Nov. 7, 2004
	College of Biology, Hunan University	Jan. 6, 2016
	China-Japan Friendship Hospital	Jan. 21, 2016
	Capital Medical University	Apr. 19, 2016
	School of Mechanical Engineering, Yangzhou University	May 16, 2016
Jiangsu University of Science and Technology	Oct. 17, 2016	
Institute of Urban Environment , Chinese Academy of Science	Mar. 23, 2017	
Fudan University	Apr. 13, 2017	
KOREA	Yeungnam University	Sep. 5, 2003
	Konkuk University	Mar. 6, 2007
	Korea Institute of Radiological and Medical Science	Oct. 18, 2007
	Seoul National University	Oct. 27, 2008
	Pusan National University	Jun. 22, 2016
	Honmone Research Center, Chonnam National University	Dec. 4, 1996
	Graduate School of Industry and Engineering, Seoul National University of Science and Technology	Jan. 1, 2009
	Research and Engineering Center for Advances Silicon Materials, Korea	Feb. 3, 2009
	Nano-Science Research Division, Korean Institute of Science and Technology	Feb. 5, 2009
	Center for Photofunctional Energy Materials, Dankook University	May 22, 2009
	Mokpo National University	Aug. 17, 2009
	College of Engineering Kyung Hee University	Dec. 14, 2009
	College of Science and Technology, Yonsei University	May 2, 2012
	College of Science and Technology, Yonsei	Jan. 30, 2013
	Chungnam National University	Aug. 11, 2015
Inje University	Feb. 29, 2016	
Daegu University	Mar. 29, 2016	
TAIWAN	Tunghui University	Jun. 27, 2003
	National Taipei University of Education	Nar. 24, 2006
	National Formosa University	Jan. 21, 2013
	College of Engineering of Lughwa University of Science and Technology	Dec. 13, 2006
	National Chin-Yi University of Technology	May 27, 2014
	National Chin-Yi University of Technology	Apr. 30, 2015
Shih Hsin University	Dec. 28, 2015	
PHILIPPINES	University of the Philippines Manila	Feb. 16, 2009
MONGOLIA	Health Sciences University of Mongolia	Mar. 22, 2006
INDIA	Aligarh Muslim University	Mar. 22, 2006
	Indian Institute of Technology Delhi	Jan. 18, 2000
MALAYSIA	Universiti Kebangsaan Malaysia	Feb. 23, 2009
	Institute of Technology Petronas Sdn. Bhd.	Jul. 30, 2013
	Universiti Malaysia PAHANG	Sept. 9, 2014
	Universiti Teknologi MARA (Terengganu)	Jun. 5, 2015
VIETNAM	Hanoi University of Technology	Jan. 23, 2008
	Hanoi Irradiation Center, Vietnam Atomic Energy institute	Feb. 23, 2013
	Hanoi National University of Education	Feb. 8, 2017
INDONESIA	Universitas Padjadjaran	Sept. 20, 1996
	Indonesia University of Education	Mar. 16, 2009
	Institut Teknologi Bandung	Oct. 11, 2000
	Universitas Negeri Jakarta	Jul. 13, 2016

Country/ Region	Universities	Date of Agreement
SINGAPORE	Nanyang Technological University	Mar. 20, 2015
BANGLADESH	University of Dhaka	Dec. 12, 2000
	School of Engineering, Daffodil International University	Feb. 8, 2017
	School of Science and Information Technology, Daffodil International University	Feb. 8, 2017
THAILAND	Chiang Mai University	Sept. 11, 2007
	King Mongkut's Institute of Technology, Ladkrabang	Dec. 12, 2008
	Rajamangala University of Technology Isan	Mar. 26, 2009
	Thai-Nichi Institute of Technology	Jul. 21, 2009
	Mahidol University	Feb. 22, 2016
	Faculty of Science and Technology, Nakhon Pathom Rajabhat University	Feb. 2, 2012
	Faculty of Engineering, Chulalongkorn University	Dec. 4, 2012
	King Mongkut's Institute of Technology, Tombri	May 10, 2013
Rajamangala University of Technology Isan	Feb. 28, 2014	
Rangsit University	Jan. 7, 2016	
Europe		
HUNGARY	Karoli Gaspar University of the Reformed Church	Mar. 17, 2000
SLOVENIA	University of Ljubljana	Sept. 19, 2008
GERMANY	GSI Helmholtzszentrum für Schwerionenforschung GmbH, Germany	Nov. 18, 2008
	The Heart and Diabetes Center NRW, Clinic for Thoracic and Cardiovascular Surgery, Faculty of Medicine, Ruhr-Universität Bochum	Sept. 3, 2014
BRITAIN	Glydwr University (North West Wales Institute of Higher Education)	From 2008- Mar. 17, 1987
	City University	Jan. 2, 1994
	University of Sunderland	Jul. 3, 2002
FRANCE	Universite de La Mediterranee, Aix-Marseille II	Jul. 25, 2005
	National Graduate School of Chemistry and Chemical Engineering, The University of Montpellier	Feb. 11, 2009
	Ecole Supérieure D'ingenieurs en Electrotechnique et Electronique Paris	Apr. 20, 2016
	ESIEE Paris	Apr. 12, 2017
ITALLY	University of Montpellier, Montpellier Cancer Institute, National Institute of Health and Medical Research, Institute of Cancer Research of Montpellier	April. 10, 2017
ITALY	L'Universita de Firenze	Apr. 16, 2003
RUSSIA	Krasnoyarsk State Medical Academy	Apr. 15, 2007
	Faculty of Food Technology and Commodity Research, Saratov State Agrarian University	Sept. 1, 2014
AZERBAIJAN	Baku State University	Jan. 27, 2009
POLAND	Jagiellonian University	Mar. 29, 2002
SWEDEN	School of Engineering, University of Borås	Feb. 22, 2012
	Department of Medical Biochemistry and Biophysics, Karolinska Institutet	Nov. 11, 2012
CZECH REPUBLIC	Technical University of Ostrava	Oct. 29, 2015
SPAIN	Universidad Politecnica de Valencia	Feb. 19, 2014
AUSTRIA	Department of Radiotherapy, Medical University of Vienna, Heavy Ion Medical Center	Apr. 14, 2014
CROATIA	Faculty of Humanities and Social Sciences, University of Zagreb	Jan. 2, 2014
BELGIUM	Faculty of Medicine, University of Liège	Oct. 2, 2014
	Department of Chemical Engineering, University of Liege	Aug. 14, 2015
LITHUANIA	Lithuanian University of Educational Sciences	Nov. 25, 2015
North America		
CANADA	University of Ottawa	Nov. 26, 2001
	The University of British Columbia	Mar. 31, 2004
	Ryerson University	Sept. 28, 2012
UNITED STATES OF AMERICA	North Dakota State University	May 27, 2010
	San Diego State University	Mar. 3, 2001
	State University of New York at Stony Brook	Jul. 12, 2013
	Seattle Pacific University	Oct. 1, 1996
	The University of Washington (Medicine)	Apr. 2, 2002
	The University of Washington (Engineering)	Jul. 26, 2006
	Francis H. Burr Proton Therapy Center, Massachusetts General Hospital	May 6, 2008
	Department of Radiation Oncology, Mayo Clinic Rochester d/b/a Mayo Clinic	Oct. 23, 2008
	Marshall University	June, 29, 2009
	Graduate School, University of Puget Sound	Oct. 3, 2011
Missouri State University	Mar. 6, 2015	
Morehead State University	Dec. 16, 2015	
Latin and South America		
NICARAGUA	The National Autonomous University of Nicaragua (UNAN-Managua)	Jul. 1, 2005
COLOMBIA	Universidad de La Sabana	Apr. 20, 2009
BRAZIL	University de Sao Paulo	Feb. 20, 2009
PERU	Pontificia Imoversodad Catolica del Peru	Mar. 25, 2008
Oceania		
AUSTRALIA	Macquarie University	Jun. 7, 2003
	University of Wollongong	Jul. 15, 2014

Number of International Students

GS : Japanese Government Scholarship Students

PF : Private Funding Students

※ Private Funding are included other scholarship such as Malaysian governmental and JASSO scholarship. As of May 1, 2017

Regions	Countries	Undergraduate Students		Graduate Students				Research Student				Exchange Students				Exchange Research Students		Sub total		Total	
		Government Scholarship	Private Funding	Master's program		Doctoral Program		Undergraduates		Graduates		Undergraduates		Graduate		Government Scholarship	Private Funding	Government Scholarship	Private Funding		
				Government Scholarship	Private Funding	Government Scholarship	Private Funding	Government Scholarship	Private Funding	Government Scholarship	Private Funding	Government Scholarship	Private Funding	Government Scholarship	Private Funding						
Asia	China		9		33	1	17			16				10	1		3	1	89	90	
	Malaysia	1	41															1	41	42	
	Mongolia	1	3	4	2	4	5		2	1						1	3	11	15	26	
	Indonesia	3		2	1	4	8					1	2					10	11	21	
	Vietnam		8	2	5	2	1		1									4	15	19	
	Taiwan				2								8						10	10	
	Thailand			1		2	2						1					3	3	6	
	Nepal				2	2	1											2	3	5	
	Korea	1					2						1					1	3	4	
	Cambodia	2	1		1														2	2	4
	Sri Lanka				3		1												4	4	
	India						2												2	2	
	Philippines						2												2	2	
Laos	1			1														1	1	2	
	Sub total	9	62	9	50	17	39		19	1		1	22		1	1	6	38	199	237	
Middle East	Syria				1	1												1	1	2	
	Iran					1												1		1	
	Sub total				1	2												2	1	3	
North America	U.S.A.					1												1		1	
	Sub total					1												1		1	
Europe	Hungary											2	1					2	1	3	
	Italy												1						1	1	
	Slovenia			1														1		1	
	France															1		1	1		
	Sub total			1								2	2				1	3	3	6	
Total		9	62	10	51	20	39		19	1		3	24		1	1	7	44	203	247	

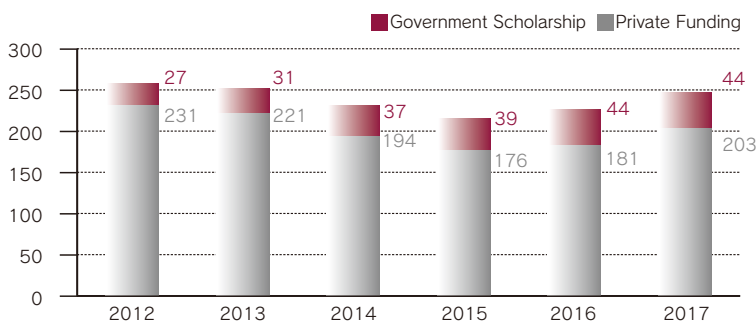
By Faculties

Education			1	1				1			2	9		1				3	12	15
Social and Information Studies			1	13				9			1	10						2	32	34
Medicine	2		5	3	16	21		1										23	25	48
Health Sciences			2			1								1	3			3	4	7
Science and Technology	7	62	1	34	4	17		8	1			5					4	13	130	143
Total		71		120				20			28			8				44	203	247

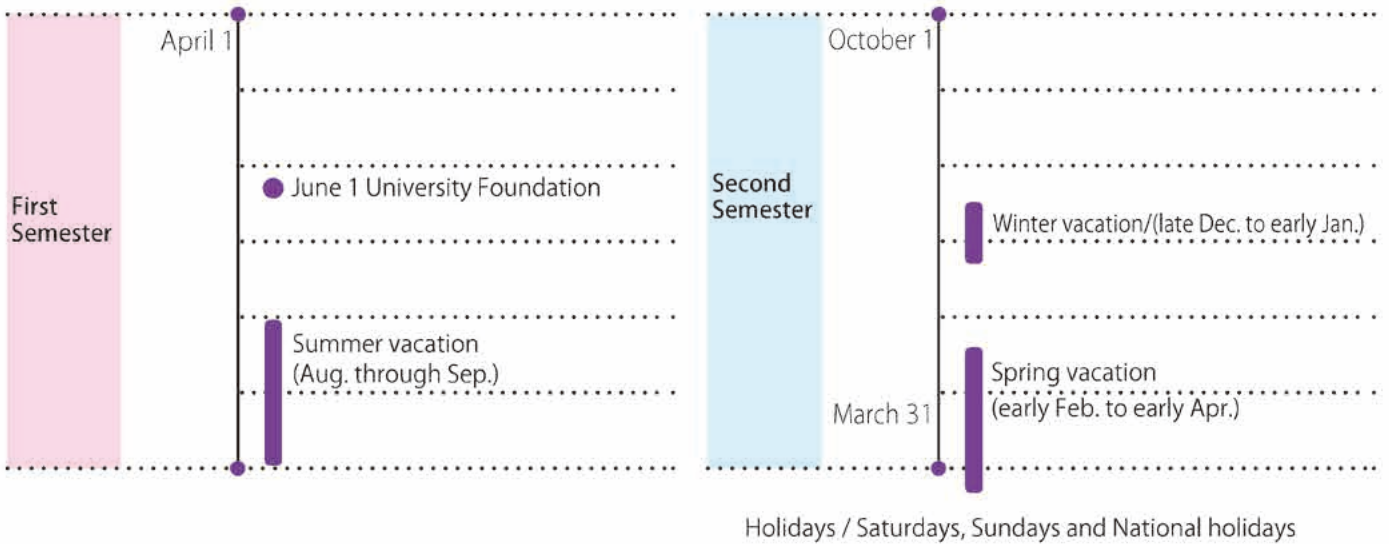
※ The number is included the student of Engineering.

International students' number

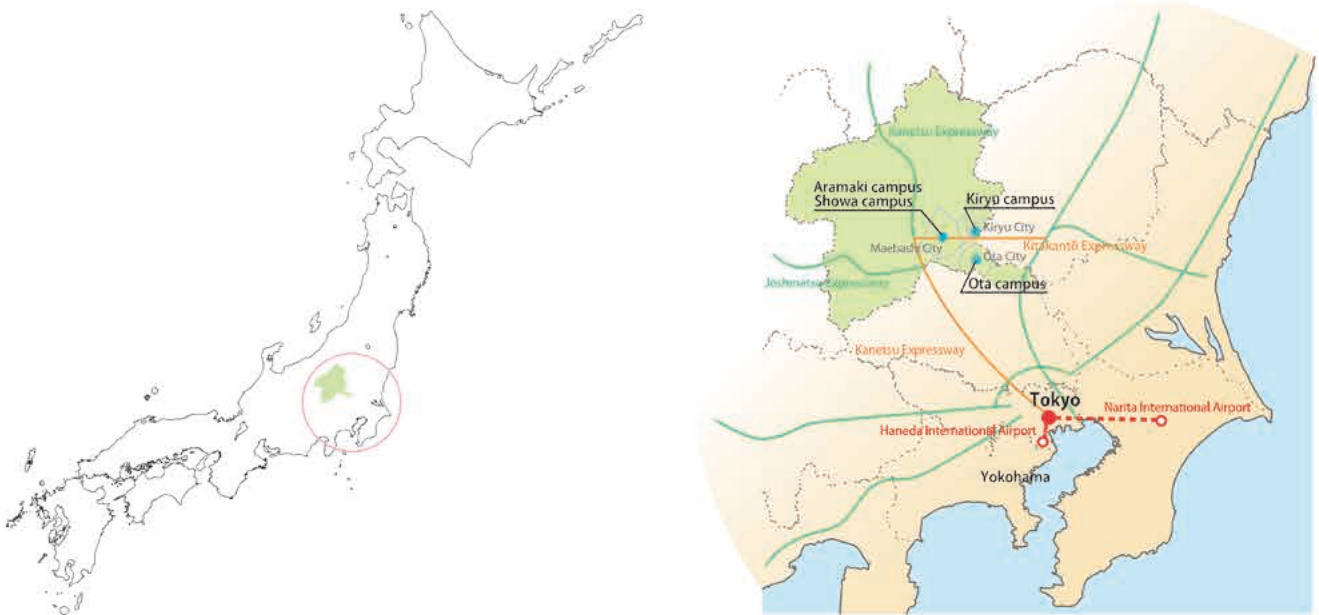
2012-2017



Academic Calendar



Campus Access Map



TRANSPORTATION

