

Nagova University FACTBOOK 2013



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Nagoya University **Organizational Structure Headquarters** - Administration Bureau Administrative Support Organizations Technical Center Office of Research Administration Schools School of Letters Lower Secondary School School of Education Upper Secondary School School of Law School of Economics School of Informatics and Sciences School of Science School of Medicine University Hospital - Daiko Medical Center School of Engineering School of Agricultural Sciences Graduate School of Letters Research Center for Modern and Contemporary Japanese Culture **Graduate Schools** Graduate School of Education and Human Development Graduate School of Law Japan Legal Information Institute Graduate School of Economics Economic Research Center Graduate School of Science Sugashima Marine Biological Laboratory - Nagoya University Southern Observatories - Structural Biology Research Center Tau-Lepton Physics Research Center Graduate School of Medicine - Center for Research of Laboratory Animals and Medical Research Engineering Center for Neural Disease and Cancer Graduate School of Engineering Plasma Nanotechnology Research Center (PLANT) Research Center for Materials Backcasting Technology - Center for Computational Science Composite Engineering Research Center - Center for Micro-Nano Mechatronics Graduate School of Bioagricultural Sciences Field Science Center Graduate School of International Development Avian Bioscience Research Center Graduate School of Mathematics Graduate School of Languages and Cultures Research Center for Seismology, Volcanology and Disaster Mitigation Graduate School of Environmental Studies International Research Center for Sustainable Transport and Cities Graduate School of Information Science Center for Embedded Computing Systems Graduate School of Pharmaceutical Sciences Institute of Liberal Arts & Sciences Institute for Advanced Research Research Institute of Environmental Medicine Futuristic Environmental Simulation Center **Research Institutes** Solar-Terrestrial Environment Laboratory Geospace Research Center EcoTopia Science Institute Center for Interdisciplinary Studies on Resource Recovery and Refinery in Asia Central Library University Library Medical Library Nagoya University Library Studies Radioisotope Research Center Inter-Departmental **Education and Research** Center for Gene Research Centers, etc. **Education Center for International Students** Research Center for Materials Science Center for the Studies of Higher Education International Cooperation Center for Agricultural Education Center for Chronological Research Nagoya University Museum Center for Developmental Clinical Psychology and Psychiatry Center for Asian Legal Exchange Bioscience and Biotechnology Center Synchrotron Radiation Research Center Center for Theoretical Studies Center for Experimental Studies Nagoya University Archives Center for Student Counseling Green Mobility Collaborative Research Center Disaster Mitigation Research Center Cellular and Structural Physiology Institute Inter-University Service Hydrospheric Atmospheric Research Center **Facilities** Information Technology Center Research Center of Health, Physical Fitness and Sports Center for Theoretical Studies Kobayashi-Maskawa Institute for the Origin of Particles and the Universe (KMI) - Center for Experimental Studies

Schools (Undergraduate Courses)

Schools	Departments		Courses / Programs	
School of Letters	Department of Hu	manities	Philosophy and Civilization Theory Courses History and Cultural History Courses Literature and Linguistics Courses Environmental and Behavioral Science Courses	
School of Education	Department of Human Developmental Sciences		Lifelong Education and Development Course School Education and Information Science Course International Education and Culture Course Counseling and Psychotherapy Course	
School of Law	Department of Law and Political Science		Fundamental Positive Law	
School of Economics	Department of Ec	onomics	Theoretical Economics Applied Economics	
	Department of Bu	siness Administration	Corporate Management Information Accounting	
School of Informatics and Sciences	Department of Na Department of So Human Science In		Complex Systems and Informatics	
School of Science	Department of Ma	thematics	Mathematics	
	Department of Mathematics Department of Physics		• Physics	
	Department of Chemistry		Chemistry	
	Department of Biological Science		Biological Science	
	Department of Earth and Planetary Sciences		Earth and Planetary Sciences	
School of Medicine	Department of Medicine		Anatomy Physiology Biochemistry Pathology Microbiology Medical Zoology Immunology Legal Medicine Hygiene Public Health Preventive Medicine Internal Medicine, Neurology Surgery, Thoracic Surgery Orthopedic Surgery Obstetrics and Gynecology Ophthalmology Psychiatry Pediatrics Dermatology Urology Otorhinolaryngology Radiology Medicine Anesthesiology Oral and Maxiollofacial Surgery Neurosurgery Geriatrics Emergency Medicine Clinical Laboratory Medicine	
	Department of Health Sciences	Department of Nursing	• Fundamentals of Nursing • Clinical Nursing • Human Development Nursing and Midwifery • Public Health and Home Care Nursing	
		Department of Radiological Technology	Basic Radiological Technology	
		Department of Medical Technology	Basic Medical Technology	
		Department of	Basic Physical Therapy Applied Physical Therapy	
		Physical Therapy		
		Physical Therapy Department of Occupational Therapy	Basic Occupational Therapy	
School of Engineering	Department of Che	Department of	Basic Occupational Therapy	
School of Engineering		Department of Occupational Therapy	, ., ., .,	
School of Engineering	Department of Ph	Department of Occupational Therapy emical and Biological Engineering	Applied Chemistry Course	
School of Engineering	Department of Ph	Department of Occupational Therapy emical and Biological Engineering ysical Science and Engineering ctrical and Electronic information Engineering	Applied Chemistry Course	
School of Engineering	Department of Ph Department of Ele Engineering and In Department of Me Aerospace Engine	Department of Occupational Therapy emical and Biological Engineering ysical Science and Engineering ctrical and Electronic information Engineering	Applied Chemistry Course	
	Department of Ph Department of Ele Engineering and li Department of Me Aerospace Engine Department of Civ	Department of Occupational Therapy emical and Biological Engineering sysical Science and Engineering octrical and Electronic information Engineering ochanical and eering il Engineering and Architecture	Applied Chemistry Course	
School of Engineering School of Agricultural Sciences	Department of Ph Department of Ele Engineering and li Department of Me Aerospace Engine Department of Civ	Department of Occupational Therapy emical and Biological Engineering sysical Science and Engineering ectrical and Electronic information Engineering echanical and eering	Applied Chemistry Course	

 $^{^\}star \text{English}$ names for the above departments, courses and programs are tentative.

Global 30 International Programs Taught in English (Undergraduate)

Programs	Affiliated Schools	Majors
Automotive Engineering	Engineering	Mechanical and Aerospace Engineering
Automotive Engineering	Engineering	Electrical and Electronic Engineering and Information Engineering
Biological Sciences	Science	Biological Science
biological sciences	Agricultural Science	Applied Biosciences
Chemistry	Science	Chemistry
Chemistry	Engineering	Chemical and Biological Engineering
Fundamental and Applied Physics	Science	Physics
runuamentai anu Applieu rilysics	Engineering	Physical Science and Engineering
Social Sciences	Law	Law and Political Science
Social Sciences	Economics	Economics and Business Administration

Graduate Schools (Graduate Courses)

Graduate Schools	Departments		Courses		
Graduate School of Letters	Department of Hu	manities	Comparative Studies of Humanities Japanese Culture Philosophy Linguistics Eastern Studies Japanese History Oriental History World History Art History and Archaeology Japanese Literature and Linguistics Western Literature and Linguistics		
Graduate School of Education and Human Development	Department of Ed	ucational Sciences	Lifelong Education and Development		
	Department of Ps Human Developm		Psychological Sciences		
Graduate School of Law	Department of the Law and Political	e Combined Graduate Program in Science	Core Law and Political Science		
	JD Program for Le (Nagoya Universi		Core Law		
Graduate School of Economics		cio-Economic Systems	Analysis on Markets and Institutions		
	Department of Inc	dustrial Management Systems	Corporate System		
Graduate School of Science	Division of Particle and Astrophysical Sciences		Fundamental Theoretical Physics		
	Division of Material Science		Interdisciplinary Chemical Sciences		
Division of Biol		ical Science	Biomolecular Architecture Molecular Genetics Molecular Information and Cellular Regulation Developmental Biology Genetic Mechanism Supramolecular Biology Cell Regulation Biological System Finite Environmental Biology Gene Analysis Genomics and Clock Bio-nanomachine Reproduction and Genetics		
Graduate School of Medicine	Doctor of Medical Science	Program in Integrated Molecular Medicine	Biological Chemistry		
		Program in Cell Information Medicine	Cell Science		
		Program in Function Construction Medicine	Anatomy and Cell Biology		
		Program in Health and Community Medicine	Social Life Science		
	Master of	Program in Medical Science			
	Medical Science	Program in Medical Sciences, Healthcare Administration Course			

Graduate Schools	Departments		Courses	
Graduate School of Medicine	Doctor's Course, Initial Period	Program in Nursing	Fundamentals of Nursing Clinical Nursing Human Development Nursing and Midwifery	
		Program in Radiological and Medical Laboratory Sciences	Radiological Sciences Pathophysiological Laboratory Sciences	
		Program in Physical and Occupational Therapy	Physical Therapy Occupational Therapy	
	Doctor's Course,	Program in Nursing	Nursing for Health Risk Nursing for Developmental Health	
	Final Period	Program in Radiological and Medical Laboratory Sciences	Radiological Sciences Pathophysiological Laboratory Sciences	
		Program in Physical and Occupational Therapy	Physical Therapy	
Graduate School of Engineering	Department of Ap Chemical Enginee	plied Chemistry, ring and Biotechnology	Physical Chemistry • Organic Chemistry • Inorganic and Analytical Chemistry Materials Processing Engineering • Chemical Systems Engineering • Biotechnology Biomaterials • Energy and Environmental Chemistry • Energy Process and Ecomateria	
	Department of Ma Physics and Ener		Materials Processing	
	Department of Electrical Engineering and Computer Science		Power Engineering and Systems	
	Department of Mechanical Science and Engineering		Advanced Materials and Manufacturing Thermo-Fluids and Environmental Engineering Biomechanics and Human-Machine Systems Mechatronics Design Sensing and Control Mechanical Engineering for Sustainable Society Human Centered Design	
	Department of Ae	rospace Engineering	Aerodynamics and Propulsion	
	Department of Civil Engineering		Structural Engineering and Materials	
	Department of Crystalline Materials Science		Nano-Structured Device Engineering	
	Department of Energy Engineering and Science		• Energy Materials and Device Engineering • Thermal Energy System Engineering • Energy Environmental Safety Engineering • Plasma Energy Engineering and Science	
	Department of Quantum Engineering		Quantum Nanostructure Analysis	
	Department of Micro-Nano Systems Engineering		Bio-Robotics • Integrated Mechatronics Devices • Micro-Nano Mechanical Science	
	·	olecular Design and Engineering	Organic Materials Design and Engineering Materials Analysis and Engineering Inorganic Materials Design and Engineering	
	Department of Co Engineering	mputational Science and	Fundamental Computational Science and Engineering Applied Computational Science and Engineering	
Graduate School of Bioagricultural Sciences	Department of Bio	osphere Resources Science	Division of Resources Cycling System Division of Bioresource Production and Agroecology Division of Regional Resources Management Division of Biological Material Sciences Division of Ecosystem Conservation	
	Department of Bio Functions	ological Mechanisms and	Division of Biodynamics Division of Molecular and Cellular Biology Division of Biofunctions Development Division of Bioresource Functions	
	Department of Ap	plied Molecular Biosciences	Division of Biomodeling Division of Biofunctional Chemistry Division of Applied Biochemistry Division of Applied Genetics and Physiology	
	Department of Bioengineering Sciences		Division of Biotechnology Division of Socioeconomic Science of Bioagriculture Division of Plant and Animal Production Division of Plant Genomics Division of Molecular Cell Function Division of International Cooperation in Agricultural Sciences	

Graduate Schools	Departments	Courses	
Graduate School of International	Department of International Development	International Development Development Policy Managerial Economics of Development	
Development	Department of International Cooperation Studies	• International Cooperation • Comparative Study of Legal and Political Systems • International Cultural Cooperation	
	Department of International Communication	International Communication	
Graduate School of Mathematics	Division of Mathematics	Fundamental Mathematics	
Graduate School of Languages and Cultures	Department of Japanese Language and Culture	Japanese Language and Cultural Studies Teaching Japanese as a Foreign Language Applied Linguistics Comparative Culture Japanese Linguistics Japanese Language Teaching Methodology	
	Department of Multicultural Studies	• Multicultural Studies • Contemporary Arts and Cultural Studies • American Studies • East Asian Studies • European Studies • Gender Studies • Media Professional Studies	
Graduate School of Environmental Studies	Department of Earth and Environmental Sciences	Global Environmental Variation Earth Environmental Systems Climate Science Global Geochemistry Geology and Geobiology Geochemistry and Cosmochemistry Earth and Planetary Physics Chronology and Natural History Radiation and Life Sciences Global Water Cycle	
	Department of Environmental Engineering and Architecture	Sustainable Urban Development	
	Department of Social and Human Environment	• Environmental Policies • Economic Environment • Law and Politics • Sociology • Psychology • Geography	
Graduate School of Information Science	Department of Computer Science and Mathematical Informatics	Mathematical Informatics	
	Department of Information Engineering	Integrated Circuits and Systems	
	Department of Media Science	Speech and Image Science Intelligent Media Engineering Cognitive Informatics Architecture for Information Media Space	
	Department of Complex Systems Science	Many-body Systems Science	
	Department of Systems and Social Informatics	• Knowledge Society and Information Systems • Designing of Electronic Media and Society • Philosophy of Information • Architecture of Information Society	
Graduate School of Pharmaceutical Sciences	Department of Basic Medicinal Sciences	Organic Chemistry	

 $^{^\}star \text{English}$ names for the above departments, programs and courses are tentative.

Global 30 International Programs Taught in English (Graduate)

Programa	Affiliated Schools		Degree	
Programs	Affiliated Schools	Master's	Doctoral	
Biological and Bioagricultural Sciences Graduate Program	Graduate School of Science Graduate School of Bioagricultural Sciences Graduate School of Medicine	available		
Biological and Bioagricultural Sciences Graduate Program	• Graduate School of Science • Graduate School of Bioagricultural Sciences		available	
Chemistry Graduate Program	Graduate School of Science Graduate School of Engineering	available	available	
Graduate Program in Comparative Studies of Language and Culture	Graduate School of Languages and Cultures	available		
Graduate Program in Economics and Business Administration	Graduate School of Economics	available		
Medical Science Graduate Program	Graduate School of Medicine		available	
Physics and Mathematics Graduate Program	Graduate School of Science Graduate School of Mathematics	available	available	

Other International Programs (Graduate)

Programa	Affiliated Schools		Degree	
Programs	Attiliated Schools	Master's	Doctoral	
Young Leaders' Program (YLP)	Graduate School of Medicine	available		
Global Environmental Leaders Program	Graduate School of Environmental Studies Graduate School of Engineering	available		

Staff

		As of M	lay 1, 2012
Members	of the Board of Trustees		
Presiden	t		1
Trustees			7
Auditors			2
Staff (Full	-time)		
Faculty	Professors	646 (36)*1
	Associate Professors	512 (61)
	Associate Professors / Lecturers	109 (71)
	Assistant Professors	430 (245)
	Research Associates	8	
	Researchers	0 (151)
School Te	eachers at Affiliated Schools	37	
Administ	rative / Technical Staff*2	1,462 (605)
Total		3,214 (1	,169)

^{*1} Data in parenthesis show the number of staff under limited-time contracts.
*2 Data include medical staff of the University Hospital.

Student Enrollment

As of May 1, 2012

Name of Schools / Graduate Schools	Undergraduate Courses		Graduate Courses		Takal
Name of Schools / Graduate Schools	Degree seeking	Non-degree seeking	Degree seeking	Non-degree seeking	Total
Letters	590	62	279	10	941
Education	323	34	245	20	622
Law	685	18	334	84	1,121
Economics	935	18	131	7	1,091
Informatics and Sciences	350	9	_	_	359
Science	1,210	15	577	8	1,810
Medicine	1,544	66	932	25	2,567
Engineering	3,405	37	1,615	23	5,080
Agricultural Sciences	741	9	419	11	1,180
International Development	-	-	285	23	308
Mathematics	_	-	183	6	189
Languages and Cultures	-	_	209	38	247
Environmental Studies	-	_	503	17	520
Information Science	_	-	369	31	400
Human Informatics	-	-	1	-	1
Pharmaceutical Sciences	-	-	30	2	32
Others	-	46	_	_	46
Total	9.783	314	6.112	305	16.514



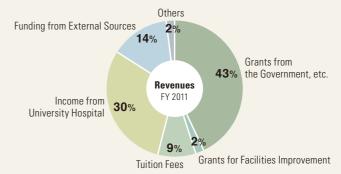


Degrees Conferred

Name of Schools / Graduate Schools	Bachelor's Degree	Master's Degree	Doctoral Degree	Professional Degree
Letters	148	58	18	_
Education	84	42	17	_
Law	166	32	7	84
Economics	222	56	13	-
Informatics and Sciences	77	_	-	-
Science	267	180	47	_
Medicine	319	82	170	_
Engineering	794	614	103	-
Agricultural Sciences	186	175	30	-
International Development	-	59	16	-
Mathematics	-	50	7	-
Languages and Cultures	_	39	12	_
Environmental Studies	-	154	28	-
Information Science	_	117	37	_
Human Informatics	_	_	1	_
Total	2,263	1,658	506	84



Financial Outline



Costs for Grants and Cooperative Research, etc. 18%	Education and Research Costs
Facilities Improvement Costs 3% Expenditure FY 2011	noscaron costs
Hospital Expenditures 32%	

Revenues	FY 201
	Amount (million yen)
Grants from the Government, etc.	42,239
Grants for Facilities Improvement	2,431
Tuition Fees	9,186
Income from University Hospital	29,788
Funding from External Sources	13,627
Others	1,861
Total	99,138

Expenditure	FY 201
Į.	Amount (million yen)
Education and Research Costs	39,569
Hospital Expenditures	29,710
Facilities Improvement Costs	2,781
Costs for Grants and Cooperative Research,	etc. 16,738
Others	4,742
Total	93,541

External Funding for Research and Education	1	FY 2011
	Number of Cases	Amount (thousand yen)
Grants-in-Aid for Scientific Research	2,459	7,182,061
Global COE Programs	7	1,336,711
Project for Establishing Core Universities for Internationalizati	on (Global 30) 1	259,994
GP Grants from Government	8	611,980
Other Governmental Grants	232	4,316,236
Donations and Commissioned Research	3,821	11,030,137

*Data are based on the book closed and including numbers / amounts received as research partakers.



Highlights of Research and Education Programs

World Premier International Research Center Initiative (WPI)			
Year of Adoption	Center name	Center Director	
2012	Institute of Transformative Bio-Molecules	Graduate School of Science Prof. ITAMI Kenichiro	

Global	Global COE Program			
Year	Field	Program Title	Program Leader	
2009 -2014	Interdisciplinary, Combined Fields, New Disciplines	From Earth System Science to Basic and Clinical Environmental Studies	Hydrospheric Atmospheric Research Center Prof. YASUNARI Tetsuzo	

Program for Leading Graduate Schools			
Year of Adoption	Program Title	School	
2011	Integrative Graduate Education and Research Program in Green Natural Sciences	Graduate School of Science Graduate School of Engineering Graduate School of Bioagricultural Sciences	
2011	The Program for Cross-Border Legal Institution Design	Graduate School of Law	
2012	PhD Professional: Gateway to Success in Frontier Asia	All Graduate Schools (except for Graduate School of Pharmaceutical Sciences)	
2012	Leadership Development Program for Space Exploration and Research	Graduate School of Science Graduate School of Engineering	







Re-Inv	Re-Inventing Japan Project			
Year	Туре	Program Title	School	
2011 -2016	CAMPUS Asia Support for the Formation of a Core Center	Training Human Resources for the Development of an Epistemic Community in Law and Political Science to Promote the Formation of "jus commune" in East Asia	Graduate School of Law / School of Law Center for Asian Legal Exchange	
2011 -2016	CAMPUS Asia Support for the Formation of a Core Center	A Cooperative Asian Education Gateway for a Sustainable Society: Expanding the Frontiers in Science and Technology of Chemistry and Material	Graduate School of Science Graduate School of Engineering	
2011 -2016	Establishment Aid for Cooperative Education with Universities in the USA etc.	Japan-US Advanced Collaborative Education Program	Graduate School of Engineering EcoTopia Science Institute	
2012 –2017	Support for the formation of Collaborative Programs with ASEAN Universities	Training a New Generation of Leaders in International Cooperation for the Development of the ASEAN Region	Graduate School of International Development Graduate School of Law / School of Law Center for Asian Legal Exchange Graduate School of Economics / School of Economics International Cooperation Center for Agricultural Education	

Housing for International Researchers and Students



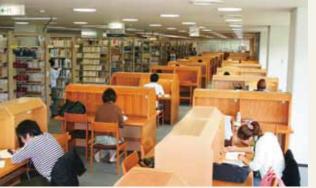




For International Researchers		
Name of the Housing	Facilities	Address
International Residence HIGASHIYAMA (on campus)	15 rooms for single persons / couples (34m²) 2 rooms for families (51.84m²)	Furo-cho, Chikusa-ku, Nagoya, 464-8601
Researchers Village HIGASHIYAMA (on campus)	2 rooms for families (76.45m²/78.33m²) 4 rooms for families (67.5m²)	Furo-cho, Chikusa-ku, Nagoya, 464-8601
Researchers Village DAIKO (on campus)	14 rooms for single persons (28m²)	1-1-20 Daiko Minami, Higashi-ku, Nagoya, 461-0047
Researchers Village YAKUMO	9 rooms for couples / families (53m²)	28-1 Yakumo-cho, Showa-ku, Nagoya, 466-0823
Housing in Noyori Conference Hall (on campus)	3 rooms for single persons (50.98–54.15m²) 5 rooms for couples (81.01–91.10m²) 2 rooms for families (97.17m²/107.35m²)	1-1 Niza-cho, Chikusa-ku, Nagoya, 464-8601
Idaka-cho Residence	26 rooms for single persons (21.06–21.99m²)	2-38 Kamenoi, Meito-ku, Nagoya, 465-0094

^{*}We have some private housings outside campus.

For International Students			
Name of the Housing	Facilities	Address	
Foreign Students House	49 rooms for single persons (12.5m²) 5 rooms for couples (35m²) 2 rooms for families (50m²)	2-23 Tosei-cho, Showa-ku, Nagoya, 466-0026	
International Residence HIGASHIYAMA (on campus)	95 rooms for single persons (16m²) 25 rooms for couples (34m²)	Furo-cho, Chikusa-ku, Nagoya, 464-8601	
International Residence YAMATE	104 rooms for single persons (15m²) 112 rooms for single persons (7m²)	165 Takamine-cho, Showa-ku, Nagoya, 466-0811	
International Ohmeikan House	292 rooms for single persons *Japanese students are also housed in this dormitory.	165 Takamine-cho, Showa-ku, Nagoya, 466-0811	
Ishida Memorial International Residence MYOKEN	93 rooms for single persons (15.1m²)	40 Myoken-cho, Showa-ku, Nagoya, 466-0814	



Library Holdings

The University Library is composed of the Central Library, the Medical Library, and departmental libraries. As of April 1st, 2012, the Library holds 3,160,130 volumes of books in total, including 1,507,006 foreign books, as well as a large amount of electronic resources and audio visual collections.

In order to support students' learning experiences, the library established a space called "learning commons" where students can learn in groups through discussion and receive personal guidance for using electronic resources and software.

Our Partner Institutions

As of Oct. 1, 2012

Academic Exchange Agreements

• = Inter-University Agreement o = Inter-School Agreement

Asia

BANGLADESH

- o Bangladesh Agricultural University
- o Bangladesh University of Engineering and Technology
- University of Dhaka
- o SAARC Meteorological Research Centre

BHUTAN

The Centre for Bhutan Studies

CAMBODIA

- Royal University of Law and Economics
- o The Royal University of Agriculture
- Royal University of Phnom Penh

CHINA

- Nanjing University
- Central South University
- Jilin University
- Huazhong University of Science and Technology
- Beijing University of Technology
- o Chinese Academy of Sciences, Purple Mountain Observatory
- Tsinghua University
- o Chinese Academy of Sciences, National Astronomical Observatories
- China University of Political Science and Law
- East China Normal University
- Peking University
- Fudan University
- Xi'an Jiaotong University
- o Chinese Academy of Social Sciences, Institute of Literature and Institute of Literature of National Minorities
- Zhejiang University
- o China National School of Administration
- East China University of Political Science and Law
- Chinese Academy of Sciences. Institute of High Energy Physics
- Shanghai Jiao Tong University
- Tongji University
- Northeastern University
- Harbin Institute of Technology
- Beijing International Studies University
- Nanjing University of Aeronautics and Astronautics

- University of Science and Technology of China
- Jiangsu Provincial Academy of Social Sciences (JSASS)
- Chinese Academy of Sciences. Shanghai Institute of Organic Chemistry
- Chinese Academy of Sciences. Institute of Process Engineering
- Polar Research Institute of China
- Southwest Jiaotong University
- Beijing Institute of Technology
- Chinese Academy of Sciences, Research Center for Eco-Environmental Sciences
- Tianiin University
- Chinese Academy of Social Sciences. Institute of Population and Labor Economics
- University of International Business and Economics
- Chinese Academy of Sciences. Xinjiang Institute of Ecology and Geography
- Chinese Academy of Sciences. Shanghai Institute of Ceramics
- Hainan University
- The Chinese University of Hong Kong
- The University of Hong Kong
- The Hong Kong University of Science and Technology
- Renmin University of China
- Shenyang University of Technology
- Sun Yat-sen University, Lingnan College
- Ministry of Health, P.R.China, China-Japan Friendship Hospital
- Beijing Normal University
- Xiamen University
- Chinese Academy of Sciences, Institute of Theoretical Physics

INDIA

- University of Pune
- Tata Institute of Fundamental Research
- o Indian Institute of Technology, Madras
- Indian Institute of Science, Bangalore
- o Indian Institute of Technology, Delhi

INDONESIA

- o Indonesian National Institute of Aeronautics and Space
- Gadiah Mada University
- The State University of Surabaya
- Universitas Padiadiaran
- Sviah Kuala University
- Diponegoro University
- Agency for the Assessment and Application of Technology (BPPT)
- Institut Teknologi Bandung

University of Indonesia

REPUBLIC OF KOREA

- Korean Research Institute of Standards and Science, Astronomy Observatory
- Korea University
- Chungnam National University
- Mokpo National University
- Gyeongsang National University
- Korea Maritime University Ewha Womans University
- Korea Institute for Advanced Study
- Hanyang University
- Seoul National University
- Kyungnam University
- Sungkyunkwan University
- Korea Legislation Research Institute
- Pukvong National University
- Pusan National University
- Hankuk University of Foreign Studies
- Kyung Hee University
- Chonnam National University
- o University of Seoul Yonsei University
- o Chonbuk National University
- o Korea Institute of Geoscience and Mineral Resources
- Kyungpook National University
- o Institute of Sunchang Fermented Soybean Products
- Pohang University of Science and Technology

LAOS

- National University of Laos
- National Agriculture and Forestry Research Institute. Lao P.D.R.

MALAYSIA

MARA University of Technology

MONGOLIA

- Health Sciences University of Mongolia
- National University of Mongolia
- Mineral Resources and Petroleum Authority of Mongolia
- National Legal Center of Mongolia
- Mongolian University of Sciences and Technology
- o Mongolian Academy of Sciences, Institute of Geography
- Mongolian Academy of Sciences, Institute of Philosophy, Sociology and Law

Institute of Meteorology, Hydrology and Environment, Mongolia

NEPAL

Kathmandu University

PHILIPPINES

- o University of the Philippines, Los Banos
- o University of the Philippines, Diliman

THAILAND

- Kasetsart University
- Chulalongkorn University
- Chulabhorn Research Institute/ Chulabhorn Graduate Institute
- King Mongkut's University of Technology North Bangkok

VIETNAM

- Vietnam Institute of State and Law
- Hanoi Law University
- o Ho Chi Minh City University of Law
- Hanoi University of Technology
- o Vietnamese Academy of Science and Technology, Ho Chi Minh City Institute of Resources Geography
- o Vietnam National University, Ho Chi Minh City
- Foreign Trade University
- Vietnam National University, Hanoi

TAIWAN

- National Chengchi University
- National Taiwan Normal University
- Soochow University
- National Chung Cheng University
- National Taiwan University
- National Tsing Hua University
- o Taiwan Ocean Research Institute National Chiao Tung University

Pacific

AUSTRALIA

- The University of Sydney
- Flinders University
- University of South Australia
- The University of Adelaide
- Monash University
- The University of Melbourne
- o Commonwealth Scientific and Industrial Research Organisation

The Australian National University

NEW ZEALAND

- o National Institute of Water and Atmospheric Research
- University of Auckland
- University of Canterbury

Europe

ARMENIA

Yerevan Physics Institute

AUSTRIA

- o Johannes Kepler University Linz
- o The Medical University of Vienna

BULGARIA

- Sofia University
- o Bulgarian Academy of Sciences. Space Research Institute, Space Astronomy Division
- Bulgarian Academy of Sciences. Institute of Electronics
- Bulgarian Academy of Sciences, Institute of Mathematics

DENMARK

University of Copenhagen

o Finnish Meteorological Institute FRANCE

FINLAND

- Université Stendhal
- (Université de Grenoble 3)
- o Université de Paris-Sorbonne, Paris 4
- Ecole Nationale des Ponts et Chaussées (ENPC) • Université Jean Moulin-Lyon 3
- Université Paris Diderot Paris 7 Université Joseph Fourier (Université de Grenoble 1)
- Université Pierre-Mendès-France (Université de Grenoble 2)
- Grenoble Institute of Technology (Université de Grenoble 4)
- Université de Strasbourg
- o Université Panthéon Assas, Paris 2
- o Université Paul Cézanne, Aix-Marseille 3
- Université Paris-Est

Paris Val-de-Seine

- Ecole Normale Supérieure de Lyon
- o Université de Provence, Aix-Marseille 1 o École Nationale Supérieure d'Architecture
- o Université de Technologie de Belfort-Mnntbéliard

GERMANY

- Albert-Ludwigs-Universität Freiburg
- Technische Universität Carolo-Wilhelmina zu Braunschweig
- o Universität zu Köln

- o Deutsches Zentrum für Luft- und Raumfahrt
- o Universität Ulm
- Technische Universität Chemnitz

- o Ruhr-Universität Bochum
- Technische Universität Kaiserslautern
- Wissenschaftszentrum Ost- und Südosteuropa Regensburg
- o Technische Universität Darmstadt

HUNGARY

Institute for Legal Studies

National Institute of Nuclear Physics (INFN)

ITALY

- University of Bologna
- **KAZAKHSTAN**

Republic of Kazakhstan

LATVIA Latvian State University

Wageningen University

NORWAY University of Oslo

University of Tromso

- Warsaw University of Technology
- Polish Academy of Sciences, Institute of Geological

10

- Technische Universität München
- o Johanes Gutenberg-Universität Mainz
- RWTH Aachen University
- o Universität Regensburg
- o WWU Münster
- o Freie Universität Berlin
- o University of Duisburg-Essen
- Hungarian Academy of Sciences.
- University of Catania
- Kazakh Humanitarian Law University Legislation Research Institute,

- **NETHERLANDS**
- o Free University of Amsterdam

POLAND

- University of Warsaw
- Sciences, Krakow Research Centre

RUSSIA

- Institute of Theoretical and Experimental Physics
- o Ministry of Health of Russia, Institute of Biomedical Problems
- Lomonosov Moscow State University
- Russian Academy of Sciences, Siberian Division, Institute of Cytology and Genetics
- Moscow State Engineering and Physics Institute (Technical University-MEPhI)
- Russian Academy of Sciences, Institute of Computer Aided Design
- Russian Academy of Sciences, Far Eastern Branch, Institute of Cosmophysical Research and Radiowave Propagation (IKIR)
- o Russian Academy of Sciences, Siberian Division, Institute of Solar-Terrestrial Physics (ISTP)

SPAIN

University of Barcelona

SWEDEN

- Swedish Institute of Space Physics
- o University of Lund
- Uppsala University
- Royal Institute of Technology
- o SAFER Vehicle and Traffic Safety Centre at Chalmers

SWITZERLAND

- University of Bern
- University of Geneva

U.K.

- The University of Sheffield
- The University of Warwick
- The University of Nottingham
- o University of East Anglia
- The University of Manchester
- University of Bristol
- o University of Leicester
- The University of Oxford
- University of London. School of Oriental and African Studies (SOAS)

UKRAINE

 Ukrainian SSR Academy of Sciences, Institute of Theoretical Physics

UZBEKISTAN

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- Samarkand State University
- University of World Economy and Diplomacy
- Tashkent State Institute of Law

North America

CANADA

- Carleton University
- The University of Toronto
- University of Victoria
- York University
- University of Ottawa
- Université de Montréal

USA

- Oberlin College
- University of Michigan
- University of California, Los Angeles
- University of Houston
- North Carolina State University
- Harvard-Yenching Institute
- University of Cincinnati
- University of California, Berkeley
- The University of North Carolina at Chapel Hill
- University of Alaska Fairbanks
- National Oceanic and Atmospheric Administration
- Massachusetts Institute of Technology, Haystack Observatory
- Harvard Medical School
- Tulane University
- o University of Pennsylvania
- University of California. San Diego
- Colorado School of Mines
- St. Olaf College
- Southern Illinois University, Carbondale
- University of Illinois at Urbana-Champaign
- University of Kentucky
- New York University
- Duke University
- o Johns Hopkins University
- o University of Wisconsin Law School
- University of Maryland
- University of Washington
- o Northwestern University
- The University of Texas
- The University of Chicago
- o Green Mountain College
- Michigan State University
- o UC Santa Barbara
- University of Minnesota
- University of Pittsburgh
- University of California, Davis

Latin America and the Carribian

ARGENTINA

- National University of Rosario
- Luis F, Leloir, Campomar Foundation, The Research Institute of Biochemistry

BOLIVIA

o Universidad Mayor de San Andres, La Paz

BRAZIL

- Ministry of Science and Technology, National Institute for Space Research
- Fundação Joaquim Nabuco
- Universidade de Brasilia UnB
- Universidade de São Paulo

GUATEMALA

o Del Valle de Guatemala University

MEXICO

o Universidad de Sonora

Middle East

TURKEY

- · Bilkent University
- o Istanbul Technical University

Africa

EGYPT

- Tanta University
- Cairo University

GHANA

University of Ghana

KENYA

African Institute for Capacity Development (AICAD)

SOUTH AFRICA

South African Astronomical Observatory

Others (International Organization)

- Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA)
- European Organization for Nuclear Research (CERN)

Agreements for Industry-**University Collaboration**

Europe

U.K.

o The University of Warwick

North America

North Carolina State University

Agreements for International Joint Research

Asia

REPUBLIC OF KOREA

Sungkyunkwan University

Pacific

AUSTRALIA

o The University of New South Wales

Europe

GERMANY

o Ruhr-Universität Bochum

North America

The University of Texas at Dallas

Others (International Organization)

- The Ministry of Science and Technology of Brazil
- The Japan Aerospace Exploration Agency (JAXA), Institute of Space and Astronautical Science (ISAS)

o The National Institute of Space Research (INPE)

International Networks

- Academic Consortium 21 (AC21)
- OpenCourseWare Consortium
- International Forum of Public Universities (IFPU) • The G8 University Summit
- Collége doctoral franco-japonais
- Canada-Japan Strategic Student Exchange Program
- . University Mobility in Asia and the Pacific (UMAP)







Overseas Research and Education Bases

Uzbekistan Office

- Uzbekistan Office (Tashkent, Uzbekistan)
- European Center (Freiburg, Germany)
- Research and Education Centers for Japanese Law (Uzbekistan, Mongolia, Vietnam, Cambodia)
- Field Research Center (Ulaanbaatar, Mongolia)







European Center



Research and Education Center for Research and Education Center for Japanese Law (Tashkent, Uzbekistan) Japanese Law (Ulaanbaatar, Mongolia)



Japanese Law (Hanoi, Vietnam)



Research and Education Center for Japanese Law (Ho Chi Minh, Vietnam) Japanese Law (Phnom Penh, Cambodia) (Ulaanbaatar, Mongolia)



Shanghai Liaison Office (China)

- Technology Partnership, Inc. (North Carolina, USA)





International Exchange

International Students by Country / Region

Asia	Bangladesh	32
Asia	Bhutan	2
	Cambodia	45
	China	929
	India	13
	Indonesia	64
	Republic of Korea	172
	Laos	18
	Malaysia	52
	Mongolia	21
	Myanmar	19
	Nepal	13
	Pakistan	1
	Philippines	28
	Singapore	5
	Sri Lanka	5
	Taiwan	49
	Thailand	23
	Vietnam	47
	Subtotal	1,538
Pacific	Australia	3
1 donie	New Zealand	1
	Papua New Guinea	1
	Subtotal	5
		1
Furone	Albania	<u> </u>
Europe	Albania Armenia	1
Europe		
Europe	Armenia	1 2
Europe	Armenia Austria	1 2
Europe	Armenia Austria Azerbaijan	1 2
Europe	Armenia Austria Azerbaijan Bulgaria	1 2 1 2
Europe	Armenia Austria Azerbaijan Bulgaria Croatia	1 2 1 2
Europe	Armenia Austria Azerbaijan Bulgaria Croatia Denmark	1 2 1 2 1 3

	Greece	1
	Hungary	3
	Italy	3
	Kazakhstan	3
	Kyrgyz Republic	2
	Netherlands	1
	Poland	6
	Romania	3
	Russia	8
	Serbia	1
	Slovak Republic	1
	Sweden	5
	Switzerland	3
	Tajikistan	1
	U.K.	8
	Ukraine	2
	Uzbekistan	35
	Subtotal	129
North America	Canada	7
North America	USA	21
	Subtotal	28
Latin America	Argentina	1
and	Bolivia	3
the Caribbean	Brazil	10
	Ecuador	1
	Guatemala	1
	Honduras	2
	Mexico	3
	Panama	1
	Paraguay	1
	Peru	2
	Venezuela	2
	Subtotal	27
	Subtotal	~ 1

	Afghanistan	8
Middle East	Iran	5
	Iraq	2
	Israel	2
	Palestinian National Authority	/ 1
	Saudi Arabia	1
	Syria	2
	Turkey	12
	Yemen	1
	Subtotal	34
Africa	Cameroon	2
The Democratic Republic		
	of the Congo	2
	Egypt	8
	Eritrea	1
	Ethiopia	3
	Ghana	2
	Kenya	7
	Madagascar	2
	Malawi	2
	Mozambique	2
	Nigeria	2
	Senegal	1
	Tanzania	1
	Tunisia	1
	Zambia	1
	Zimbabwe	1
	Subtotal	38
Total (87 Coun	tries / Regions) 1,7	99

Middle East Africa Latin America and the Caribbean Researchers Going Abroad by Area / Total: 4,206 (FY 2011) International Researchers by Area / Total: 925 (FY 2011)

1,331

1,538

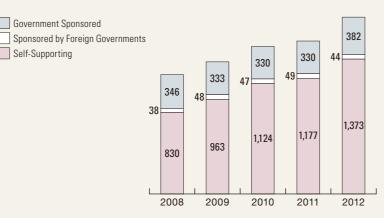
International Students by School

International Students by School	1 2012
As of November	r 1, ZU1Z
School / Graduate School	
Letters	162
Education	77
Law	172
Economics	130
Informatics and Sciences	22
Science	73
Medicine	120
Engineering	402
Agricultural Sciences	60
International Development	180
Mathematics	11
Languages and Cultures	148
Environmental Studies	123
Information Science	61
Pharmaceutical Sciences	1
Education Center for International Students	52
Others	5
Total	1,799

International Students by Funding Source

Self-Supporting

	2008	2009	2010	2011	2012
Government Sponsored	346	333	330	330	382
Sponsored by Foreign Governments	38	48	47	49	44
Self-Supporting	830	963	1,124	1,177	1,373
Total	1,214	1,344	1,501	1,556	1,799

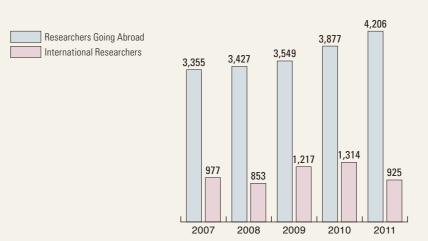


Trends of Staff Exchange

Students Going Abroad by Area / Total: 505 (FY 2011)

International Students by Area / Total: 1,799 (As of November 1, 2012)

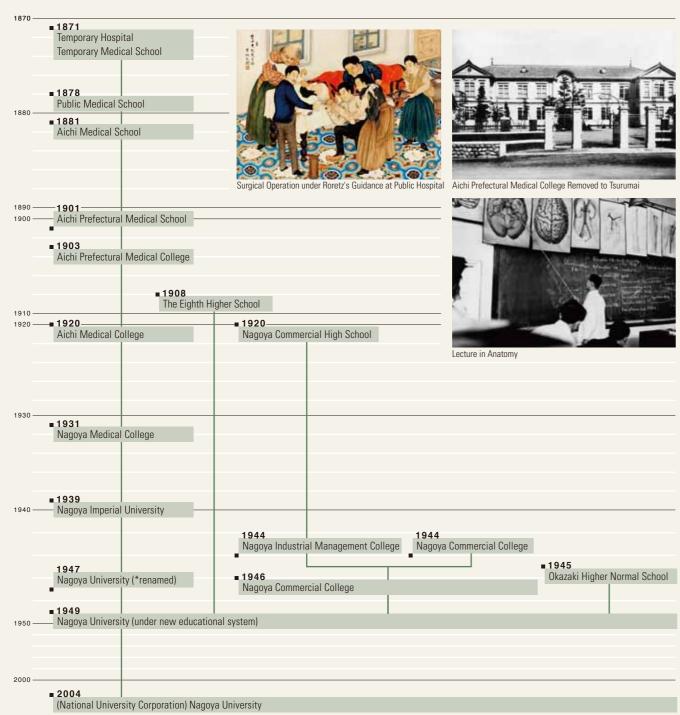
	2007	2008	2009	2010	2011
Researchers Going Abroad	3,355	3,427	3,549	3,877	4,206
International Researchers	977	853	1,217	1,314	925







Historical Chart

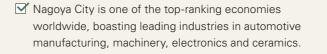


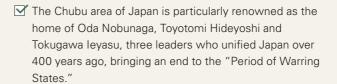


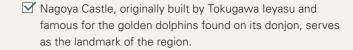


The City of Nagoya















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Nagoya Castle













Nagoya Port Triton



Nagoya City Art Museum



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