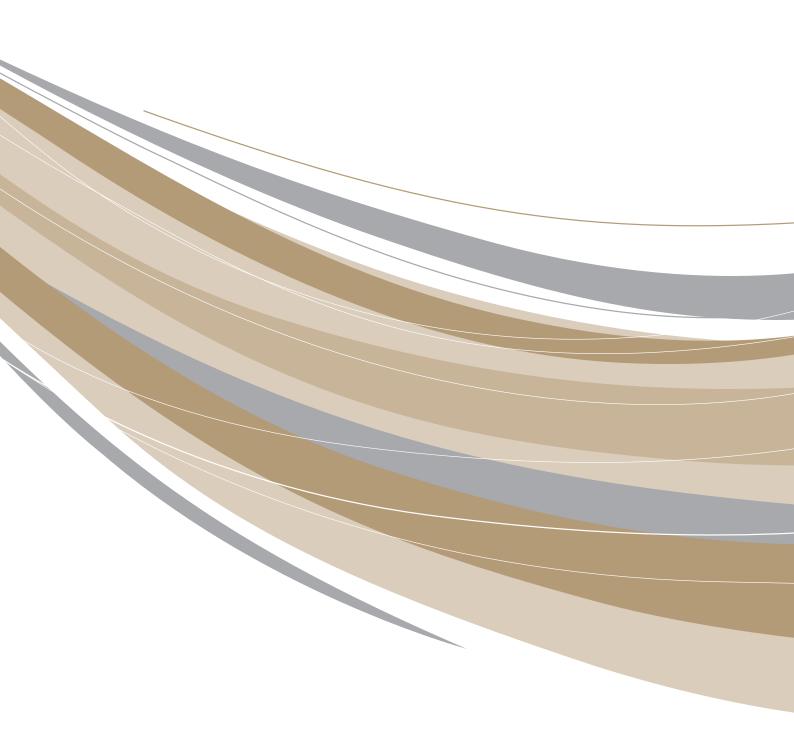
# OUTLINE OF KANAZAWA UNIVERSITY 2014



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# The Charter of Kanazawa University



President YAMAZAKI Koetsu

Humankind, despite repeated acts of creation and destruction, has succeeded in its long history, in enhancing an understanding towards the nature and various social phenomena and thereby developing a highly publicized culture. Universities which are incurred with the responsibility of academic research have served to bind generations together through creation of knowledge and fostering of talent, and consequently contributed to the formation and development of a diverse society. And now a new era has dawned, in which numerous people cross boundaries of states to cooperate on a global scale.

Kanazawa University, inheriting the tradition of its predecessor school, was established in 1949. After undergoing the violent postwar period, the University has regularly contributed towards the development of Japan and the world. However, with the new start as a National University Corporation the time has arrived to inquire once again into the true meaning of being "a university dedicated to society".

Kanazawa University has set as its goal, being "a research university dedicated to education, while opening up its doors to both local and global society". Having this as its objective the university will work on reform, with the belief that its activities

- 1) opening up a new 21st century era, and to
- 2) promoting world peace and the continuous development of mankind.

Kanazawa University shall hereby establish as its charter the underlying ideology and objectives.

## Education

- Kanazawa University shall accept students with various talents and competencies, giving consideration to collaboration with various educational institutes recurrent education for adults international student education and lifelong learning. The university will enforce practical education with clearly defined objectives at the undergraduate level that is interlinked with the graduate level.
- Kanazawa University shall pay respect to the individuality of students as well as their right to learn, having self-study as the basis of education. Organizationally carried out faculty development activities aiming at educational reform will be enhanced, resulting in fostering talent with specialized knowledge and capability of pursuing problems. Furthermore, such talent will have adaptability to international society, in addition to high morals and personalities rich in human qualities.

## Research

- Kanazawa University shall endeavor to cultivate distinguished intellect, ranging from that of fundamental research dealing with pursuit of truth to that of research directly connected to technology. The university shall thus actively contribute to society by opening up new academic fields and by promoting the transfer of technology and the creation of new industry.
- Kanazawa University shall provide its members with an environment suitable for carrying out research independently guaranteeing the freedom of knowledge and a healthy competition, regardless of the field of study; i.e. humanities, social sciences, natural sciences or medicine, or the character of research, i.e. fundamental or applied research. Furthermore, the university shall promote prospective research and foster young researchers, thereby maintaining a structure capable of challenging the new at all times and bringing out its distinct characteristics.

## Social Contribution

- Kanazawa University shall utilize its resources in order to promote the development of academic culture and lay the foundations for the educational, medical, and welfare systems of the region. Serving as the stronghold of intellect in Hokuriku region, and East Asia, it shall continue to disseminate information to the globalizing world.
- Kanazawa University shall fulfill its responsibility as "a research university dedicated to education, while opening up its doors to both local and global society" by extending student education from the pre-entrance to post-graduation period, by discovering, managing and actively contributing to society, by utilizing intellectual property resulting from academic research, and by promoting the development and popularization of advanced medical services.

## Administration

- Kanazawa University shall apply an autonomous and self-reliant administrative policy, and organically unite respective departments, while allowing them to develop their own characteristics based on their respective specialties and roles. Moreover it shall evaluate the extent of achievement of plans and enhance constant reforms including the revision of the organization and system.
- Kanazawa University shall utilize grants from the government and funds raised by its own income in a strict and systematic manner. The University, while paying respect to human rights, will provide its members with a secure environment suitable for devotion to their duties. Furthermore, as a National University Corporation serving the public it shall fulfill its social responsibility by observing the freedom of information.

# YAMAZAKI PLAN 2014

## ~ The New Strategy of Kanazawa University ~

Kanazawa University, with its status as "a research university dedicated to education, while opening up its doors to both local and global society," sets the goals to educate leaders of global society and to form a world-class research base, and to carry out the following reforms with university-wide effort in 4 years starting from 2014, under the concept of "Precursor, Coexistence, and Creation," the following reforms with university-wide effort in order to realize "Kanazawa University with Global Prestige."

## **Educational Reforms**

- Develop human resources who will be active leaders of the globalizing society
- · Deepening "Colleges and Schools System" and reforming drastically the common education curriculum
- Sophisticating graduate education to match "a research university dedicated to education"
- Complete student support from admission to graduation

## Research Promotion

- Promote innovative and original research as well as enhancing basic research
- · Maintain organizational system which stipulates research ability and reinforces cooperation among industry, academia, government, and the region

## Internationalization

• Internationalizing/globalizing the components and functions of the university to advance education and research

## Social Contributions

· A university in close association with region and society

## University Hospital

- Promoting clinical research and human resource development for advanced medical care
- · Sound management of the hospital and social contribution as the central medical institution in the region

## Organization/Personnel System

· University management for promoting university reforms and function enhancement

## Finance

· Promoting effective and strategic financial administration

## **Facility Maintenance**

· Securing an educational and research environment adapted to globalization

## Information Infrastructure Maintenance

- Providing a safe and secure information environment
- Enhancing the educational and research support system at the Library and Museum

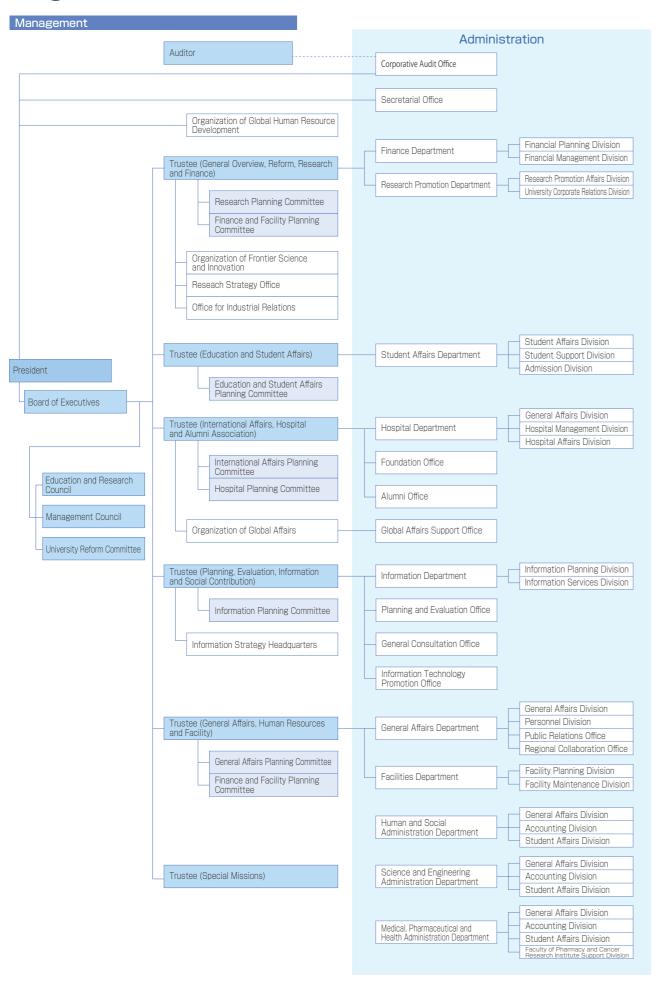
## Alumni Association and Fund

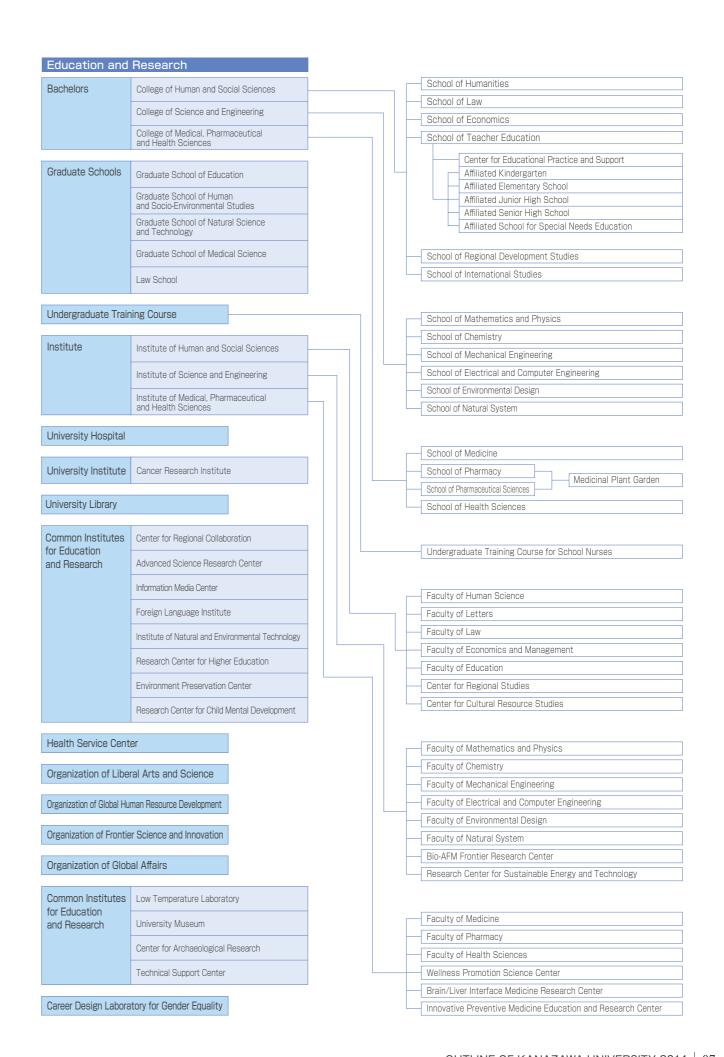
· Enriching educational, research and social activities by cooperation with the alumni association and with the university fund

## Teacher Evaluation and Future Plans

· Utilizing teacher evaluation system and formulating and implementing the future plans

# Organization





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# Kanazawa University has many reseach achievements which are a source of pride and represent Japan well.

## Nanobiology research by world-leading AFM technology

The research group led by Professor Toshio Ando has developed high-speed atomic force microscopy (HS-AFM) to directly observe moving protein molecules. Proteins are essential to life, and therefore, understanding their functional mechanisms is a high-priority issue in life science. Unlike conventional methods, HS-AFM allows simultaneous recording of the structure and dynamics of functioning molecules at high spatiotemporal resolution, facilitating straightforward understanding of how the molecules operate to function. Various important results have been obtained by HS-AFM observations and published in prestigious journals, Nature and Science. Many prizes have been awarded for these achievements. The research group is now advancing the HS-AFM technology and conducting its application studies to create a new field in life science.

## Innovative Brain Science for Development, Learning, Memory and Autism

The research group led by Professor Haruhiro Higashida discovered the possibility that a neuroendocrine substance, oxytocin ameliorates Autistic Spectrum Disorder (ASD) with intellectual disability. The clinical trial to scientifically measure the therapeutic effects being conducted to establish the oxytocin replacement therapy. Moreover, the group is conducting genetic and biological research of oxitocin on the circuit formation of brain, as well as developing medical equipments to diagnose ASD. They also take a multidisciplinary approach to comprehensively understand ASD collaborating with phycology, pedagogy, sociology, and philosophy, which is expected to contribute to social problems relating ASD.

## Environmental of Land, Sea, and Wind over the Pan-Japan Sea Area

It is becoming clear that the Japan Sea is greatly affected not only by the surrounding countries but also Asian continent. We clarify this characteristic of the Japan Sea through the research utilizing the geographical characteristics of Noto Peninsula in the scope of natural sciences. To this end, we set up the world- class Noto Supersite for atmospheric observation at the point of Noto Peninsula, and make it accessible to internal and external researchers. The research team conducts studies not only on the effects of aerosol on climate but also on human health, as well as material dynamics in the Japan Sea, and contributes to the distinctive education at the university.

## A problem facing Humanity, the realization of the dream of "overcoming lifestyle diseases"

The group led by Professor Shuichi Kaneko has examined approximately 10 million sites of hepatic genetic information and has identified approximately 70 types of abnormal genes. This unique research which may hold the key to overcoming lifestyle diseases which represent the greatest problem facing mankind in this century has attracted attention from around the world. The group has received the highest level of funding in Japan and is continuing research into the expression mechanisms of abnormal genes or the relationship with other genes. Also, in 2013, the National Invention Award was won for developing the breakthrough cancer detection method of analyzing the alteration of gene expression, which is completely different from the conventional measurement of tumor markers in that the new method can early detect cancer.

Now, they have started the world's first clinical study of liver regeneration using adipose tissue-derived mesenchymal stem cells in the Brain/Liver Interface Medicine Research Center that was established as center for excellence of Kanazawa University.

## New Insights into the Earth's Interior through the 21st Century Mohole

The research team led by Professor Shoji Arai is conducting research for the purpose of confirming general "Mohole Science", the scientific base of the science project "21st Century Mohole" (in which a bore will extend to the Earth's mantle to "return mantle samples" (bring back mantle samples) and "observe the mantle in situ"), which is scheduled for completion in the near future by IODP (Integrated Ocean Drilling Program). The team is conducting research for the purpose of elucidating the structure of the crust and mantle of the Earth and the cycle of material forming those layers mainly using the "ocean floor" having characteristics of a "window to the depths of the earth" where the crust is thin. Recently, we have investigated ophiolites as a "fossil ocean floor". A typical ophiolite is exposed in Oman on the Arabian Peninsula, where we can see a whole slice of the oceanic crust to upper mantle, including Moho (the boundary where Earth's crust meets Earth's upper mantle), formed 100 million years ago.

## Cultural Resource studies of the Maya civilization

The World Mixed Heritage Site, Tikal National Park, is located in the northern part of the Republic of Guatemala in Central America. Tikal is an ancient city site representing the Classic period of the Maya civilization from the 3rd to the 10th century. In 2010, the Japanese government built and donated "Preservation and Research Center for the Cultural Heritage in Tikal National Park" to the Guatemalan government. Kanazawa University concluded a partnership agreement with the Guatemalan Vice-Ministry of Culture and Natural Heritage of the Ministry of Culture and Sports in 2011, and is allowed the exclusive use of a part of the Center. We are advancing research and education for investigation, conservation and utilization of ruins at Tikal under the leadership of Professor Seiichi Nakamura of the Center of Cultural Resource Studies, Institute of Human and Social Sciences. Since 2013, we are also working in the World Heritage Maya Site of Copan in the neighboring Republic of Honduras.



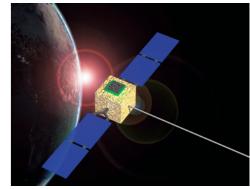
"Yeh Nal mural decoration". Maya Site of Copan. Honduras

## Cancer Reserch Institute, the Joint Usage/Reserch Center

Cancer Research Institute (CRI) was authorized by the MEXT as the Joint Usage/Research Center on Metastasis and Drug Resistance, and started the Joint Usage/Research Center Program. Cancer is a major health problem in Japan. Cancer incidence continues to rise and one in 2 deaths in Japan will be due to cancer in the near future. In Cancer Research Institute, researchers from a variety of fields including clinical medicine, pharmaceutical science, veterinary medicine, natural science, and engineering have assembled to establish a cutting-edge research locus, to solve to the mechanisms of malignant phenotype of cancer cells and establish to the preemptive medicine by its control. With the authorization as the Joint Usage/Research center, all members in the CRI are endeavoring to widen collaboration with researchers in a wide variety of fields, to establish an international center of excellence on metastasis and drug resistance and to eventually promote research for conquering these conditions.

## Study and Training in Space Science and Technology for Kanazawa Cube-Satellites

Institute of Science and Engineering of this university starts an educational program which promotes development of a nanosatellite named "Study and Training in Space Science and Technology for Kanazawa Cube-Satellite (Kanazawa-SAT^3)". The curriculum and educational environment are produced for graduate students to be able to study the most advanced space science and technology by the designing and manufacturing of the nanosatellite. This program aims not only to train advanced professionals who acquire the integrated and comprehensive science and technology and the product management skills, but also to technically demonstrate manufacturing of the inexpensive and practical nanosatellite. In addition, creation of the academic achievement by the prompt and timely space observation is expected by installing our state-of-the-art scientific instruments for radiation and electromagnetic wave observations with the nanosatellite.



Kanazawa Cube-Satellite (image)

## The Center of Innovation (COI) Program

Two research projects was selected as "The Center of Innovation Science and Technology based Radical Innovation and Entrepreneurship Program (COI STREAM)" by the MEXT in 2013. We contributes the center of "Construction of Next-generation Infrastructure System Using Innovative Composite Materials: Enabling Society to Coexist with Earth for Centuries in Safety and Security" as one of participating institutions. Researchers of Institute of Science and Engineering develop bio-based materials from biorefinery by using ionic liquids and innovative manufacturing processes. Research Center for Child Mental Development, Kanazawa University participates in the center of "Development of "SUPER NIPPON-JIN" with human abilities activation and Promotion of Industrial Competitiveness / Construction of Prosperous society" as a satellite institution. In consideration of brain diversity, we develop the system which improves human power from the childhood. In order to record a brain activity, we employ the child custom-sized magnetoencephalography. We achieve the healthy development of children's mind from viewpoints of the brain science.

## Graduate Program in Cultural Resource Management

This 5 years doctoral program is set in the Graduate School of Human and Socio-Environmental Studies. This program aims to train the program students to become the experts capable of conducting research and finding effective ways of preserving and utilizing various cultural resources for the future life of human beings. The program students are composed of 4 Japanese students and 4 foreign students recruited from 4 coordinating Asian universities each year, and form a multi-cultural unit in studying activities both in a class and in research fields. This friendly partnership would hopefully become the basement of future Asian cultural resource managing network.

## Plan to Establish the Joint Graduate School of Innovative Preventive Medicine by Three Universities (Kanazawa, Chiba and Nagasaki)

Kanazawa University is planning to establish the Joint Graduate School of Innovative Preventive Medicine (provisional name) with the aim to develop human resources who can implement a new preventive medical science that makes primordial to tertiary prevention possible, in order to solve health issues on a global scale.

The three universities, Kanazawa, Chiba and Nagasaki, are making coordinated preparations toward the establishment of the Joint Graduate School in April 2016 through MEXT's Program for Promoting National University Corporation Reform (Fiscal Year

## Adopted as a "MEXT COC (Center of Community) Project"

In August 2013, our program was adopted as a "MEXT COC (Center of Community) Project" which encourages the universities to play a role as a center of community by collaborating with the community and local authorities. To become the center of our community, we will develop people who deeply understand the community and contribute to solve the various problems lie in the community, and we will offer a place of learning for adult members of the community. Starting from solving the regional issues such as low birth rate and ageing society, we'll develop our knowledge and method and eventually we aim to contribute to solve the global issues.

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# Kanazawa University Data

• Third oldest national university in Japan

Hikoso Vaccination Center was established in 1862.

Kanazawa University was founded in 1949 under its current university system.

• The Number of staff: 2,723

-Executives: 9 - Teaching Staff: 1,207 - Office Staff: 417 - Technical Staff: 1,090

• Finances 2014 Fiscal Year Budget: Total 53,356million Yen

◆ Area of Land: Kakuma Campus 2,008,565 m² (= 495 acres),
 Takara-machi·Tsuruma Campus 151,053 m²

• Our university has 3 colleges, 5 graduate schools, university hospital, and 1 institute.

As of May 1, 2014

## [Education]

• The number of students: 10,328 in total

-Undergraduate: 7,932 -Graduate (Master's course): 1,344 -Graduate (Doctoral course): 975

-Professional Degree Course: 50 -Undergraduate Training Course for School Nurses: 27

• New students: 1.775 50% from 3 Hokuriku Prefectures

• Graduates: 1,831, Total: 84,096 About 30% of graduates from bachelor's program continue on to graduate school

• Library Holdings: 1.86 million Number of Titles Electric Journals: 7,617

## [Research]

• The number of Journals: 8,036 (2003-2013)

Journal Citations: Cited106,981 times (2003-2013)

-20th in Japan, 558rd in World

-Field of Geoscience 6th in Japan, Field of Clinical Medicine 13th in Japan

• Grants-in-Aid for Scientific Research (2013)

The number of Grants: 751. Amount Grants: 1.816 million Yen

• Grant from Outside the University (2013)

The number of Joint Researches: 215 (Amount Accepted: 281 million Yen)

The number of Commissioned Researches: 184 (Amount Accepted: 963 million Yen)

The number of Endowments and Donations: 2,332 (Amount Accepted: 1,413 million Yen)

• The number of Patent Applications: 53 (2013)

## [International]

• The Number of Partner Institutions: 192 (40 Countries and 1 Region)

-University Level...134 institutions (from 35 Countries and 1 Region)

-Department Level...58 institutions (from 19 Countries and 1 Region)

International student exchanges

International Students: 495 Students studying abroad: 235 (in academic year 2013)

· Number of International Exchange of Researchers etc. / Sent Ou t and Received

The number of sent out: 226 (in academic year 2013)

The number of received: 1,397 (in academic year 2013)

## [Social Contribution]

- The Number of agreements with municipal bodies: 17
- The Number of courses Organized by the Center for Regional Collaboration: 25 (2014)

## [University Rankings]

- Shanghai Jiao Tong University (2013): 16-20th in Japan,401-500rd in World
- QS University Rankings Asia (2014): 16th in Japan, 67rd in Asia
- Times Higher Education (2013-2014): 19th in Japan, 96rd in Asia

# College of Human and Social Sciences

The School consists of 5 courses and 15 areas of specialization, which covers diverse subjects in Humanities, ranging from psychology to human sciences, field culturology, history, linguistics and literature. Through studies on these subjects, students understand the nature of human behavior, way of thinking and creativity. Students decide on their course and specialty at the start of their second year.

The School provides education that meets students' research aspirations and life plans, thereby bringing up individuals with a comprehensive, interdisciplinary outlook. In order to pursue this purpose and to increase the students' options, the School incorporates the sub-major system.

The School of Law aims to provide the future generation of legal and policy professionals with the academic skills and global awareness so that students are fully prepared to excel in confronting the competitive demands of contemporary society.

The School of Law consists of three courses: Public Law and Policy Studies, Business Law Studies, and Advanced Legal Studies.

The School offers three courses: (1) Economic Theory and Policy, (2) Business Administration and Information, and (3) Comparative Studies of Social and Economic Systems; through these courses, it aims to help students understand the varied and complicated problems faced by the regional, national, and global society. To cultivate excellent human resources equipped with specialized knowledge, the School ensures that students are provided systematic education under careful instruction in small classes, which impart practical research and survey skills, knowledge on policy evaluation and policy making, and data-processing skills to them.

The School takes a systematic and methodical approach to train teachers of elementary school, junior high school and special needs school, and equip them with the ability to respond appropriately to the various problems that occur in an actual class room.

Specialized knowledge and skills, as well as the ability to understand children and support children's growth are essential in conveying to children the meaning and joy of learning and fostering a rich view of the world. In order to train teachers who have such practical leadership, the School provides education that focuses on training courses and internship in classrooms.

The School aims to train the next generation of regional development leaders through learning and practice of the cutting-edge research area "Regional Development Studies" which explores the happiness of each person living in the region.

After completion of common subjects, students study specialized themes in each course from the second year. The school focuses on field training-based education based on meticulous practice, training, and thesis-writing guidance in small classes.

The School has the objective to train true global individuals who has deep insight of the world society and Japan and can make the "flexible coexistence" come true with other cultures in the globalized 21st century, and will train human resources with much interest and curiosity in other cultures and advanced communication skills who can contribute to global projects in the future. The School offers 5 courses, "Global Studies," "Japanese Studies," "Asian Studies," "American-British Studies" and "European Studies," for the students to learn about Japan and the world society in multi-faceted and comprehensive manner and deepen their understanding.

School of Humanities

School of Law

School of Economics

School of Teacher Education

School of Regional Development Studies

School of International Studies

# College of Science and Engineering

Mathematics and physics form the basis of natural science. In the modern era a new research method using computer simulations has appeared, being successful in the analysis of natural phenomena and verification of theories that were once too complex to handle. In its education and research, the School of Mathematics and Physics organically integrates these fields of mathematics, physics and computational science to train human resources that can contribute to the further development of these disciplines, pass on the knowledge to next generations, and be actively involved in various areas through the logical way of thinking and creativity nurtured by science.

.Chemistry covers many fields of study, from atomic and molecular level exploration of phenomena occurring in the natural world, to the invention of functional materials suited to the environment-conscious 21st century, and the development and production processed of the various chemical products that underpin our daily lives. The school trains human resources through chemistry who can contribute to the development and enrichment of science, technology and culture for the humankind to coexist with nature and to sustain rich living, and trains the leaders who can contribute to various areas of the society.

School of Mathematics and Physics

School of Chemistry

# College of Science and Engineering

School of **Mechanical Engineering** 

In the modern industrial society that is ever-so complex, mechanical engineering is becoming ever more important as the driving force of technological innovation. In order to construct a sustainable society in which energy, environment and economy all develop, the school trains mechanical engineers and researchers who can fulfil the social mission and responsibility of manufacturing engineering, while aiming for harmony among nature, humans and society.

School of Electrical and Computer Engineering

The 4 areas of energy, electronics, computer and life science which are essential in achieving a clean, ecological and better living environment are strongly related to each other, and they serve extremely important roles in the modern society. By studying these areas systematically, the students foster future-oriented imagination, and the school aims to train technicians and researchers with global perspective who can contribute to the advanced information society in the future.

School of **Environmental Design** 

A safe and secure living environment is essential to our lives. The subject of environmental design has no bounds, and includes social assets and foundations such as roads, tunnels, bridges, railways, harbors, attractive cities and streets, and even the whole earth environment. The School will train human resources knowledgeable in the areas of humanities as well as environmental design, in the scope from urban planning to the whole earth environment, and also teach various theories and skills for the creation of the homeland in harmony with nature, urban system that makes sustainable development possible, and safe and secure social infrastructure.

School of Natural System

Students study scientific phenomena in space and time in a wide scale, in relation to life, materials and energy which constantly affect each other in the "natural system" consisting of organisms, humans, materials and the earth. The school aims to train researchers, technicians and educators who understand the natural systems from the wide perspective of biology, material engineering, bioengineering, environmental science, and earth science, and focuses on basic sciences, and provide education that applies research results to the realization of rich life for the humankind.

# College of Medical, Pharmaceutical and Health Sciences

School of Medicine (6-Year Course)

The School aims to foster doctors and medical scientists with a strong interest in medical science, an extensive education, great sensitivity and a profound insight into human nature and who also have good communication skills and can provide holistic patient-centered medical care.

The students study the basic medical knowledge expected of doctors and medical scientists, actively engage in medical research and real-time medical care, and gain deeper understanding and empathy of human nature. Over the 6-year course, the school aims to train doctors and medical scientist who can contribute to the society through the promotion of better medical care, health, and welfare.

School of Pharmacy (6-Year Course), School of Pharmaceutical Sciences (4-Year Course) "Medicine" can simultaneously help many people who are suffering from disease. In order to do this, down-to-earth basic pharmaceutical and life science research and progressive applied research on "medicine" and "humans" are essential. The school trains various human resources related to "medicine" through advanced research.

The university provides "School of Pharmacy" (6-year course) with the main purpose to train pharmacists, and "School of Pharmaceutical Science" (4-year course) with the main purpose to train human resources who will take part in research development in pharmacy. The entrance examination is carried out together, and the students study the basic pharmacy in a common curriculum until the first semester of their third year, and after that point there is course selection where each student selects the School that suits better.

School of **Health Sciences** 

The school trains the "professionals of health science" (obtain the eligibility of taking the exam for national license at the time of graduation) who take part in the development of health, medicine, and welfare of humankind, and the students study and master the basic skills and knowledge of health science, a field of study that aims to contribute to the manifestation of healthy and happy life and protecting the dignity of human being.

The school trains highly professional human resources who can respond to many challenges such as changing health care system, incorporating advanced medical technology, changing outlook on health, social needs and trends through acquisition of scientific knowledge, theory and skills in health, medicine and welfare.

# Graduate Schools

## Division of Advanced Educational Research and Development

The Graduate School of Education is a Master's program consisting of 1 division and 3 courses specializing in training teachers with advanced ability to teach and conduct research in anticipation of future era in Japan and the world. The school trains human resources with advanced practical leadership and application capability that matches the educational challenges in schools, while bringing together the wide range of educational science and specialized science and mastering the theoretical and practical research on education. To this end, the school focuses on internship and research at affiliated schools and partner schools, and also incorporates the system of guidance by multiple advisors.

## Division of Humanities (Master's Program)

The Division consists of 6 Interdisciplinary Programs and 17 Advanced Studies Programs, and students select one program to take at the time of entrance examination. Faculty members belong to one of the 4 courses, Human Sciences, History, Linguistics and Literature and Cultural Resource Studies, and they offer instruction in the related program. The degree that can be obtained is the Master's degree in literature or arts.

## Division of Law and Politics (Master's Program)

The Division consists of 4 programs, Basic Science of Law Program, Public and Social Law Program, Private Law Program, and Politics Program, and students select one program to take. The Master's degree that can be obtained in Basic Science of Law Program, Public and Social Law Program and Private Law Program is Law, and the Master's degree obtained in Politics Program is Political Science. Also, Master's degree in Arts can be obtained in all programs.

## Division of Economics (Master's Program)

The Division consists of 3 courses, Economic Theory and Policy Course, The Global Community and Economic Course and Management Information Course, and students select one course to take. The Master's degree in Economics or Arts can be obtained in any of the courses.

## Division of Regional Development Studies (Master's Program)

The Division consists of 1 course which aims to train specialized professional equipped with advanced regional development skills, and there are challenge-based internships. The Master's degree that can be obtained is Regional Development or Arts.

## Division of International Studies (Master's Program)

The Division consists of 2 courses, International Relations and Area Studies Course and Japanese Education and Japanese Culture Studies Course, and the former course has the International Studies Program in which all classes are taught in English. The Master's degree that can be obtained in both courses is International Studies or Arts.

## Division of Human and Socio-Environmental Studies (Doctoral Program)

The Division consists of 3 courses, Humanities, Law and Politics, and Economics and Social Studies, and student take one of these courses. The Doctoral degree that can be obtained is either one of Socio-Environmental Studies, Literature, Law, Political Science, Economics and Arts.

## Division of Mathematical and Physical Sciences (Master's Program/Doctoral Program)

In the wide range of science research, the Division conducts educational research in mathematics, physics and computational science with a comprehensive perspective while focusing on the characteristics as the basic science.

## Division of Material Chemistry (Master's Program/Doctoral Program)

The Division trains high-level human resources who can voluntarily find research topics and conduct pioneering research in wide-ranging fields related to chemistry, in order to grasp various natural phenomena from the perspective of material conversion and realize a prosperous society in harmony

## Division of Mechanical Science and Engineering (Master's Program/Doctoral Program)

The Division conducts practical and wide-ranging educational research on mechanical science that takes into account the harmony between nature and humankind (research that contributes to the development of compatibility with nature, efficient use of resource and energy, and comfortable, safe and ordered society).

## Division of Electrical Engineering and Computer Science (Master's Program/Doctoral Program)

The Division conducts innovative technology development toward the realization of the high-speed, high-capacity, and comfortable advanced information network society. The Division systematically conducts global standard education in the fields of electrical engineering, electronics, communication engineering and information engineering, and creates new technology by powerful coordination of these fields

**Graduate School of Education** 

Graduate School of Human and Socio-Environmental **Studies** 

**Graduate School of** Natural Science and Technology

# **Graduate Schools**

## Graduate School of Natural Science and Technology

## Division of Environmental Design (Master's Program/Doctoral Program)

The Division conducts educational research on technology and engineering with high specialization and interdisciplinary traits, which are required in wide-ranging aspects of environmental design including survey, research, planning, design, construction and maintenance, as well as waste processing, regeneration, renewal, and disposal; this is in order to bear the responsibility of building a social infrastructure that is key to sustainable, safe, and comfortable homeland and urban development while being oriented to create a social and environmental infrastructure in harmony with nature.

## Division of Natural System (Master's Program/Doctoral Program)

The Division of Natural System is a new Division made by the fusion of biology, bio-engineering, chemical engineering and earth environmental science that challenges the fusion area of science and engineering. Through the education at the Division, we train researchers, technicians and educators in the areas of natural science who have high-level global awareness, creativity, and ethics.

# Graduate School of Medical Science

## Division of Medical Science (Master's Program)

Students study life science, basic medicine and clinical medicine in organized and intensive manner, and learn experimental sciences related to medical sciences under the research guidance of supervisor. The Division accepts individuals with diverse educational background, even in non-medical fields such as humanities and sciences, with the aim to train human resources equipped with medical capability to contribute as medical researchers and specialized professionals in medical and industrial fields.

# Division of Neuroscience/Division of Cancer Medicine/Division of Cardiovascular Medicine/Division of Environmental Science (Doctoral Programs)

The doctoral program in medical sciences is the stronghold of educational research in the fields such as neuroscience, cancer medicine, cardiovascular medicine and environmental science, and has the principle to respond to the needs of the nationals and international society by training world-class leading researchers and highly specialized professionals. The fields are divided into the Division of Neuroscience, Division of Cancer Medicine, Division of Cardiovascular Medicine, and Division of Environmental Science, and their purpose is to provide advanced research, education and clinical experience and train human resources equipped with highly specialized knowledge and worldwide perspective in the fields of life and medical sciences. Also, in April 2012, the Graduate School of Medical Science was reorganized into the "Graduate School of Medical Sciences" which includes the Division of Pharmacy, and an interdisciplinary cooperation among medical science, pharmacy and health sciences was established. Based on this development, the Graduate School is promoting the shared use of educational resources, human resource exchanges, and basic, clinical and interdisciplinary research based on academic achievements and tangible and intangible intellectual assets.

## Division of Pharmaceutical Sciences (Master's Program/Doctoral Program)

The Master's Program aims to train human resources equipped with wide-ranging knowledge and research ability from basics to application of pharmaceutical science. In particular, the program trains excellent human resources who can contribute to the whole life sciences including pharmaceutical science, through education and basic research that takes into account pharmaceutical products and various other physiologically active substances from chemical, physical or biological perspective.

This program aims to arouse the latest knowledge and skills, as well as superior research abilities in the academic disciplines, including pharmaceutical sciences, medical and health sciences, centered on pharmaceutical sciences. Through advanced and developmental education and research approaches of the pharmaceutical sciences, the school trains independent and genuine researchers equipped with superior creativity, deep insight, great research planning abilities, strong leadership and global competitiveness.

## Division of Pharmacy (Doctoral Program)

The Division of Pharmacy aims to arouse the latest knowledge in the medical academic discipline, to conduct practical research as a medical professional as well as a strong sense of ethics, centered on pharmacy and the capability. In an interdisciplinary environment unique to the graduate school that coordinates across the three medical disciplines of pharmaceutical, medical and health sciences, the School aims to develop highly professional leaders of pharmaceutical education and research, as well as medical experts who combine the discipline of natural science and excellent research abilities through education covering various fields from the basics of pharmacy to clinical pharmacy.

## Division of Health Sciences (Master's Program/Doctoral Program)

The Division aims for the creation of knowledge and the formation of a new field of study that lead health sciences in the 21st century and promote the interdisciplinary research and comprehensive study of health sciences, and the students will master the basic research of nursing, medical science, rehabilitation science.

In order to address the social needs of highly specialized health care, medical care and welfare, the Master's program trains highly specialized professionals and leaders equipped with rich and wideranging knowledge and high-level problem solving way of thinking, and the doctoral program trains international researchers and educators equipped with advanced research ability, and the Division contributes to the development of health sciences, human health and improvement of welfare.

# Graduate Schools

## Division of Legal Affairs

The Law School was established in 2004 with the purpose of training legal professionals. There are standard course (3 years) and intensive course (2 years).

The School trains professionals who can quickly and appropriately resolve various legal disputes, and also has the mediating ability to avoid disputes. After learning the basics of the law in small classes and repetitive learning, students experience the practice under attorney, conduct cycle-oriented study to make use of this experience, and foster not only knowledge but deep insight of the society and individuals. Upon graduation, students receive the degree to Juris Doctor (professional degree), and they become eligible to take the bar exam. Many graduates who successfully pass the bar exam work as lawyers, mainly in the three Hokuriku prefectures.

# Division of Socio-Cognitive-Neuroscience (Kanazawa University), Department of Child Development Our aims is (1) to cultivate researchers specialized in "The Child's Mind and Developmental Brain Science," a novel research field, (2) to cultivate specialists with an interdisciplinary background in order to meet the social requirement, and (3) to create tight networks between relevant specialists. The school has only Doctoral course (3years.) Kanazawa University searches the problem of social recognition behind mental health of children, and makes studies and educations mixed with molecular biology, brain images and social psychology.

Law School

United Graduate School of Child Development, Osaka University, Kanazawa University, Hamamatsu University School of Medicine, Chiba University and Fukui University

# Undergraduate Training Course

This is a training course for school nurses that have been designated by the Minister of Ministry of Education, Culture, Sports, Science and Technology (MEXT). This is a 1-year course for those who have nurse license or expect to get one, and aims for acquisition of school nurse license type 1 based on the subjects of the nurse license. In the "subjects related to nursing" that are prerequisites for license, there is practical exercise in a mock infirmary that is directly related to educational environment, and in the "subjects related to teaching," there are lectures about the essence of teaching, as well as teacher internship at affiliated schools. The course trains school nurses by offering wide options of health check-up practices at affiliated schools and partners schools, volunteer activities in infirmary and other practices, and guidance by university faculty members and outside professionals of school nursing.

Undergraduate Training Course for School Nurses

## Institutional Research Centers

The Center organizes various research programs and joint research systems, while cooperating with local government and businesses, associations, and institutions inside and outside of the university. It provides solutions by making the best use of academic specialties in humanities and social sciences and establishes policy science for the path to regional regeneration in the contemporary global economy. The Center conducts researches on the reconstruction of social system in regions facing difficult living conditions due to depopulation and the management of new business creation that makes use of local resources.

Tangible and intangible cultural heritages are facing the danger of extinction around the world due to economic development and advancement of globalization. The Center redefines these cultural heritages as "cultural resources" for the creation of new value, and conducts comprehensive research and diversified investigation, as well as development of protection and utilization methods. There are three divisions, namely Tangible Cultural Resources, Intangible Cultural Resources and cultural Resource Information, and they each aim to do survey and research on tangible cultural resources, intangible cultural resources, and collection of cultural resources information and making social contributions. The fields of research vary wide, ranging from Italy, Jordan, Guatemala, India and others, and the Center actively conducts international joint research projects in cooperation with research institutions overseas.

(Institute of Human and Social Sciences)
Center for
Regional Studies

Center for Cultural Resource Studies

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(Institute of Science and Engineering)

**Bio-AFM Frontier** Research Center

The Center, a world premier research center comprising four divisions, has been founded to promote developing innovative atomic force microscopy (AFM) technologies and pioneering a new field of life science using the technologies. The high-speed AFM developed has made it possible for the first time to perform direct high-resolution visualization of dynamic vital phenomena occurring in protein molecules and cells. Consequently, important discoveries difficult to achieve with other approaches have been continuously made. The in-liquid frequency-modulation AFM has succeeded in superresolution imaging of molecules and three-dimensional detection of water layers as well. Towards the goal, all members of the Center are cooperating across different disciplines (physics, engineering and biology) and collaborating with domestic and overseas institutions in the research.

Research Center for Sustainable Energy and Technology

The Center consists of 5 Divisions, namely, Organic Solar Cells, Renewable Energy, Carbon Circulation Technology, Energy & Environmental Materials and Unutilized Biomass Energy. The Center is the base for building a recycling-oriented society through safe and sustainable technology in energy production, and it promotes research on efficient conversion, creation, and recycling of the energy that is produced and consumed locally in a so-called "local production and consumption" system, using renewable energy such as wind power and solar power which exist regardless of country and region and non-process waste energy like biomass born out of the rich nature of Hokuriku region.

(Institute of Medical, Pharmaceutical and Health Sciences)

Wellness Promotion Science Center

The Center was established in 2009 with the aim to elongate the healthy life of the nationals and to establish a new study that promotes health beyond disease prevention, and in 2013, was reorganized into the Division of Advanced Skincare Study which conducts advanced research with the central topic of "skin health" and the Division of Social Cooperation which succeeded the regional collaboration activities up to that point. The Advanced Skincare Division regards the daily skincare for beauty purposes as a scientific subject, and by analyzing the mechanism of declining skin health and using non-invasive monitoring methods, the Division aims for the development and clinical application of the skincare technology for damage prevention, healing, pain relief, and improved well-being of the skin of the target parson with vulnerable skin caused by various reasons.

Brain/Liver Interface Medicine Research Center

The humankind has overcome problems such as malnutrition and infectious diseases one after another, but the control of illness associated with over-nutritious and aging has become the issues of the 21st century. The purpose of the Center is to create the basis for medical development into the 22nd century by elucidating the etiology and pathology from interdisciplinary perspective. Research is being conducted with focus on the brain responsible for higher functions of the human body and the liver which is the central organ of metabolism in order to solve medical challenge of controlling the diseases in adulthood and old age. The Center conducts not only excellent research on each organ but also on the close relationship between the organs.

Innovative Preventive Medicine **Education and** Research Center

The Center was founded on July 1, 2013 for the purpose of conducting necessary activities and for the preparation of the Joint Graduate School of Innovative Preventive Medicine (provisional name) which is scheduled to be establishment in 2016 to train human resources who can help solve the world-scale problems related to health, medicine and environment. At the Center, there are 4 Divisions to smoothly operate the preparation activities for the establishment of the Joint Graduate School, namely, Division for Preparation of Implementing Joint Courses, Division for Developing Educational Programs, Division for Promoting Joint Research and Division for Promoting International Cooperation.

Organization of Global Human Resource Development

The Organization of Global Human Resource Development was established as a special educational sector directly under the President, with the purpose of developing a university-wide human resources training program to foster global human resources, while taking into account the educational, research and global strategies of the university. The Organization consists of the "Program Examination Committee" in charge of developing programs and the "Sector Education Center" in charge of specifically implementing the programs.

In order to promote further advancement of education and research at Kanazawa University, the Organization aims to consistently support from basic research to applied research, and to promote returning the profit of research outcomes to the society through industry-academic-government collaboration. The Organization consists of Research Department which includes the Prioritized Research Programs and Administration Department which is in charge of research support.

The purpose of the Organization is to oversee the projects related to internationalization and to promote the internationalization of the university. The Organization consists of the "Office of Global Strategies" in charge of drawing up the basic draft of strategies, basic policy and goal setting for internationalization and developing the infrastructures, the "International Office" in charge of providing support for the international students to come to Japan and for the students to go study abroad, and the "International Student Center" in charge of providing Japanese language and culture education to international students, offering guidance and consultation for the students who wish to go study abroad, and survey and research on international student education.

In 1967, the Institute was founded as the only Cancer Research Institute of the MEXT. In 1997, the organization was rearranged and at the same time Center for the Development of Molecular-targeted Drugs was established. Since its establishment, the institute produced epoch-making achievements in basic cancer research field, such as the discovery of proteinase MT1-MMP, elucidation of function of chemokines and apoptosis.

In 2006, Cancer Research Institute was reorganized and 2 centers were newly established, "Cancer and Stem Cell Research Center" and "Molecular and Cellular Targeting Translational Oncology Center," which aim to discover the role of cancer stem cells in drug resistance and develop innovative diagnostic and therapeutic strategy, respectively. The research team then discovered the molecular mechanism for maintenance of leukemia stem cells. In 2010, the Institute has been further reorganized to establish 4 programs to identify mechanisms of metastasis, relapse, and drug resistance. They are "Cancer and Stem Cell Research Program," "Cancer Microenvironment Research Program," "Cancer Molecular Target Exploration Program," and "Cancer Therapeutics Development Program." Currently, cancer stem cell biology, molecular mechanisms of drug resistance, and chronic inflammation and cancer are research fields in which the Institute leads the cancer research field.

The origin of the Hospital was in 1862, with the establishment of the Vaccination Center of Kaga Domain, and today it practices state-of-the-art medical care at all times as the "stronghold of medicine care" of the whole Hokuriku region. There are 32 Specialized Clinical Departments specific to each organ and disease, and the Hospital is the core medical institution of the region with 838 beds designated as the advanced treatment hospital. In 2007, it was designated as the Prefectural Designated Regional Cancer Hospital, and provides better cancer treatment in cooperation with regional medical institutions. In 2013, "Kanazawa University CPD Center" was established in cooperation with Ishikawa Prefecture, which is equipped with TV conference system and training simulator. The center aims to train medical professionals in the prefecture, develop the professional skills, enhance lifelong learning and improve the level of medical care, and it is expected to serve as the place of intellectual exchanges for the medical professionals. In addition, the Hospital team participates in Chubu Regional Consortium for Advanced Medicine and Organization for Promotion of Clinical Research in Hokuriku, and aims to develop medical technology and equipment.

The Hospital has the mission of "to dedicate to providing excellent medical care and to training outstanding and humane medical professionals," and aims to train doctors, nurses and co-medical staff who will satisfy patients with medical provisions and carry the future of medicine on their shoulders.

The University Libraries are the Central Library, the Natural Science and Technology Library and the Medical Library, and there are about 750,000 users 136,000 books checked-out annually. The collection amounts to 1.86 million books, including historical materials inherited from the predecessor schools, and valuable books and materials such as Akegarasu Haya Collection related to Buddhism. To meet the learning needs of the students, there are Learning Commons and Relaxation Space in the library, where the students can enjoy intellectual interaction. In addition, the library created a library network with libraries in Japan and overseas, and actively provides study opportunities for working adults and local residents by allowing the users (residents of the 3 prefectures in Hokuriku) to directly borrow the collection materials and accepting book requests at the public library counters.

The University Museum was founded in 1989, when Kanazawa University relocated from the Kanazawa Castle site to the present Kakuma Campus.

This Museum has an extensive collection of academic materials related to cultural history, natural history, and technological history, which were created at Kanazawa University for research and education purposes. It also houses the university history archives.

Organization of Frontier Science and Innovation

Organization of Global Affairs

Cancer Research Institute

**University Hospital** 

**University Library** 

**University Museum** 

Organization of Liberal Arts and Science

The Organization of Liberal Arts and Science (OLAS) offers cross-departmental courses to freshmen enrolled in all three undergraduate schools at Kanazawa University, affording them opportunities to gain university-level introductory education and learn the basics of information science. The OLAS also provides three categories of subjects: "integrative-thematic subjects," designed for freshmen to attain a broader perspective and raise their consciousness about contemporary issues; "general subjects," including basic science courses for science and engineering students, which instructs students on the basic systems of knowledge necessary for their departments; and "language subjects," for developing language skills and abilities. Students at Kanazawa University are required to study a designated pack of subjects from these three categories based on guidelines set by each department. The OLAS thus seeks to assist students in acquiring the knowledge, skills, and abilities needed for further studies and research in their own departments. Furthermore, in the 2011 school year the OLAS launched a new program named "General Education Special Programs," which is established through the cross-sectional reorganization of a variety of existing subjects. This program is an attempt to encourage students to elect and learn a specific pack of subjects offered at the OLAS with a more proactive attitude and enable them to orient themselves to what they will be during their enrollment by acquiring contemporary knowledge and skills and abilities, including "Environment/ ESD," as well as the traditional liberal arts.

Center for **Regional Collaboration** 

The Center for Regional Collaboration was established in 1976 with the aim of opening up the university's educational functions to the community, as well as to promote related research. In today's changing society people have an increasing desire to lead a fulfilling and meaningful life, a trend that makes life-long learning more important than ever. The university's educational functions should not be limited to students; it should be thrown open to the general public as well.

**Advanced Science** Research Center

This center manages safety whenever animal experiments, genetic recombination experiments, radioisotope experiments and instrumental analysis are done within the facilities of Kanazawa University and helps these experiments to be conducted successfully. This center contributes to the development of education, the research and advancement of industry in the medical and pharmaceutical sciences, the natural sciences and interdisciplinary fields through researching and developing genetically modified animals, genome analysis, tracer analysis and instrumental analysis.

Information Media Center

As the base of information network of the university, the Center consists of Division of Information Education, Division of Academic Resources, Division of Information Infrastructure and Management Office. The Center is responsible for maintenance of on-campus central network, multimedia educational facilities, providing research information database and PC consultation counter services.

Foreign Language Institute

The Institute aims to contribute to the enhancement and development of foreign language education at the university. It is responsible for planning and managing foreign language programs mostly provided at the Organization of Liberal Arts and Science, and also develops curriculum, makes study materials, and conducts pedagogical research on language education. In addition, the Institute supports students who are interested in learning foreign languages out-of-class, especially those who aspire to study abroad.

Institute of Natural and **Environmental Technology** 

The missions of the Institute of Nature and Environmental Technology is to solve the natural and anthropogenic environmental problems of Pan-Japan Sea Area. It has three realms, i.e. Environmental Science and Technology, East Asian Studies and Environmental Information, and 4 attached facilities, i.e. the Noto Marine Laboratory, the Low Level Radioactivity Laboratory, Ogoya Underground Laboratory, the Botanical Garden, and the Magnetic Field Control and Applications Laboratory.

Research Center for **Higher Education**  The purpose of the Center is to conduct research development on teaching methods, education system, evaluation system and student support system, and to promote enrichment and development of education. At present, the Center places educational quality assurance based on active learning support and Institutional Research (IR) at the center of its activities, and supports the promotion of independent study by students and organizational Faculty Development (FD) activities by faculty members which are a part of Kanazawa University Charter.

**Environment Preservation** Center The Environment Preservation Center is promoting research and education on environmental issues. It also provides technical support etc. for treating harmful wastes, for instance, containing heavy metals or organic solvents, which are generated through research, education and medical care activities of Kanazawa University.

This joint center is one of five such centers in Osaka University, Kanazawa University, Hamamatsu Medical University, Chiba University and, Fukui University. The center has the outpatient clinic for Child Psychiatry in Kanazawa University Hospital and six research units for social recognition, communication impairment, and clinical brain imaging, as well as a regional coordination unit for supporting staffs for developmental disorder.

The Laboratory promotes development of research environment and system as well as awareness and public relations activities for female researchers. It aims for the realization of a true gender-equal society in which women actively continue their study, make achievements and fully express their abilities, and to attract female researchers of the next generation. Moreover, its goal is to contribute to the vitalization of research activities in the whole Hokuriku region, as well as training female research leaders who can play active role in the region and transmit information to the world, by spreading and implementing the highly effective efforts at the university to the whole network of female researchers in Hokuriku region.

The Health Service Center provides healthcare services and health education to students and faculty members with the aim of maintaining their mental and physical health. Nurses keep touch with them and provide first-aid treatment. The Health Service Center also provides services of consultation by a physician, and counseling services to help them having an enjoyable campus life.

The Low Temperature Laboratory was established as a shared facility within the university to carry out research at extremely low temperatures. Liquid helium and liquid nitrogen etc. can be used in the shared labs set up within this facility. A magnetic property measurement system and various instruments are also installed as interoperable equipment. This laboratory possesses a helium liquefier and liquid nitrogen storage tank and, as well as providing liquid helium and liquid nitrogen for many departments within the university, it also offers the technical guidance and services necessary for low temperature experiments. Safety training courses based on the High Pressure Gas Safety Law are held every year.

The Center for Archaeological Research was established in 1997 for the purpose of exploration and preservation of cultural assets from the campus. The main activities of the Center are excavation and research of archaeological sites, and preservation of artifacts found from the campuses. It also holds exhibitions, lectures and workshops for specialists and the public.

The Center was established with the purpose of providing technology education and research support at the university as well as making social contributions in technical support, awareness and other areas. The Center possesses many machine tools, from general-purpose machines to advanced machining center, which it utilizes to carry out activities such as Do-It-Yourself practice for students and support for voluntary manufacturing in the field of technology education, planning and making of research instruments and technology development consultation in the field of research support, and manufacturing classes in the field of social contribution. The Center also acquired the certification of ISO14001 in 2008, and focuses on environmentally-friendly manufacturing.

Research Center for Child Mental Development

Career Design Laboratory for Gender Equality

Health Service Center

Low Temperature Laboratory

Center for Archaeological Research

**Technical Support** Center

"SAKIGAKE" is a student dormitory with the purpose to support student life and to strengthen the system of support and reception of international students increased by the university's internationalization.

It is a shared house-type dormitory (8 persons x 13 units) in which the Japanese and international students live together.

The International House is a dormitory for international students and foreign researchers. The house consists of 78 single-type rooms and common facilities such as multi-purpose room and lounge.

In 2005, a private house in Shiramine Village (house of Shinjuro Yamaguchi, built 300 years ago) was relocated as a part of Kanazawa University's 50th year anniversary activities. The house is used for activities related to education, research, and regional cooperation in Kakuma Campus surrounded by natural environment.

Kanazawa University **Student Dormitory** "SAKIGAKE"

Kanazawa University International House

Kakuma-no-sato House

# Number of Staff

Unit: Person As of May 1, 2014

					Tea	ching S	staff					Grand	
Classification		Exectives	Professors	Associate Professors	Assistant Professors	Assistants	Total	Others	Teachers	- Administrative Staff	Technical Staff	Grand Total	
	Male	8										8	
Exectives	Female	1										1	
	Total	9										9	
Institute of Human and Social	Male		115	57	2	1	175	1				176	
Sciences	Female		22	24		1	47	3				50	
	Total Male		137 104	81 93	2 50	2	222	4			00	226	
Institute of Science and	Female		2	3	6	3	<u>∠</u> 50	3	ļ		28 2	281 13	
Engineering	Total		106	96	56	3	261	3	l		30	294	
	Mala		71	65	62	0	198	11			13	222	
Institute of Medical, Pharmaceutical	Female		17	12	31		60	5			6	71	
and Health Sciences	Total		88	77	93		258	16			19	293	
Graduate School of Medical	Male							18				18	
Science	Female							1				1	
20101100	Total							19				19	
University Heapital	Male		2	48	61		111	30			128	269	
University Hospital	Female Total		2	1 49	16 77		17 128	9 39			862 990	888 1,157	
	Male		11	6	14		31	3			330	34	
Cancer Research Institute	Female	t	1		4		5	1	·····	t		6	
	Total		12	6	18		36	4				40	
Contar for Pagional	Male		1	1			2	3				5	
Center for Regional Collaboration	Female	I			l			I	l	I			
Collaboration	Total		1	1			2	3				5	
Advanced Science Research	Male		2	5	3		10				4	14	
Center	Female				1		1				1	2	
	Total		2	5	4		11	-			5	16	
Information Madia Contar	Male Female	ļ	3	3	2		8	1				9	
Information Media Center	Total		3	3	2		8	1 2				10	
	Male		3	7			10					10	
Foreign Language Institute	Female		5	4			9			ļ		9	
· oroign zangaago motitato	Total		8	11			19					19	
Institute of Natural and	Male		5	7	3		15	1			2	18	
Environmental Technology	Female			1	1		2					2	
Environmental recimology	Total		5	8	4		17	1			2	20	
Research Center for Higher	Male		3	2			5	3				8	
Education	Female							1				9	
	Total Male		3	2	1		5	4					
Environment Preservation	Female			1	11		3					3	
Center	Total		1	2	1		4		l			4	
D 1 0 1 1 0 0111	Male							7				7	
Research Center for Child	Female							1				1	
Mental Development	Total							8				8	
	Male	ļ	1	3	1		5	ļ	ļ <u> </u>			5	
Health Service Center	Female			1	1		2				4	6	
	Total		1	4	2		7	4			4	11	
Organization of Frontier	Male	ļ	1	1	ļ		2	4	ļ	ļ		6	
Science and Innovation	Female Total		1	1	1		3	1 5				2 8	
	Male		3	1	1		4	3				4	
Organization of Global Affairs	Female		2	2			4			ļ		4	
	Total		5	3			8					8	
Career Design Laboratory for	Male												
Career Design Laboratory for Gender Equality	Female							1				1	
Ceriuer Equality	Total							1				1	
A (('))	Male	ļ						ļ	58	ļ		58	
Affiliated Schools	Female								51			51	
	Total								109	220	24	109	
Administration Office	Male Female	·····						<del> </del>		229 188	34	263 194	
Administration Office	Total									417	40	457	
	Male	8	326	300	199	4	829	85	58	229	209	1,418	
Grand Total	Female	1	49	49	61	1	160	24	51	188	881	1,305	
	Total	9	375	349	260	5	989	109	109	417	1090	2,723	

## ■Age composition table by occupation

	,									7 13 01 111	۵, ., ـ٥.	
Age of the end of the fiscal				Tea	aching S	taff			Administrative	Technical	Grand	
year	Exectives	Professors	Associate Professors	Assistant Professors	Assistants	Total	Others	Teachers	Staff	Staff	Total	
21-30			1	7		8	1	7	69	545	630	
31-40		3	86	131		220	54	30	127	284	715	
41-50		84	186	106	2	378	31	42	143	145	739	
51-60	1	193	63	14	2	272	13	30	67	103	486	
61-	8	95	13	2	1	111	10		11	13	153	
Grand Total	9	375	349	260	5	989	109	109	417	1,090	2,723	

# Number of Students

Unit: Person

# As of May 1, 2014 #=shows the Former Department ( )=The number of female students shown in parentheses.

0 " "	Schools or Departments	Total			Present	Number of	Students		
Colleges/Faculties	or Courses	Enrollment Capacity	First year	Second year	Third year	Fourth year	Fifth year	Sixth year	Total
	School of Humanities	145	152 ( 93)	157 (102)	155 ( 99)	186 (129)			650 (42
	School of Law	170	176 ( 76)		179 ( 56)	207 ( 84)			733 (28
	School of Economics	185	186 (68)	186 ( 75)					781 (27
Collegs of Human and	School of Teacher Education		100 ( 55)		108 ( 60)	118 (71)			429 (23
Social Sciences	School of Regional Development Studies	00	81 ( 38)		82 ( 45)				343 (18
	School of International Studies	70	72 ( 56)	72 ( 56)	75 ( 58)	112 (81)			331 (25
	Total	750	767 (386)	773 (395)	779 (385)	948 (485)			3,267 (1,65 * 50.5
	School of Mathematics and Physics	84	88 ( 11)	91 ( 7)	94 ( 9)	110 ( 6)			383 ( 3
	School of Chemistry	81	86 ( 22)	84 ( 18)	91 ( 26)	95 ( 18)			356 ( 8
	School of Mechanical Engineering	140	150 (8)	145 ( 11)	160 ( 7)	193 ( 3)			648 ( 2
College of Science and	School of Electrical and Computer Engineering	108	112 (6)		126 ( 9)				525 ( 2
Engineering	School of Environmental Design	74	75 (9)						341 ( 6
	School of Natural System	102	107 ( 30)		120 ( 43)				467 (15
	Total	589	618 (86)	624 ( 88)	680 (124)	798 ( 91)			2,720 (389 * 14.3
	School of Medicine	112		125 ( 32)	123 ( 26)	116 ( 30)	123 ( 30)	93 ( 25)	692 (16
0 " (	School of Pharmacy and School of Pharmaceutical Sciences	75	76 ( 33)						229 ( 9:
College of Medical,	School of Pharmacy	35				36 (23)	35 ( 19)		106 ( 6
Pharmaceutical and Health	School of Pharmaceutical Sciences	40				50 ( 20)			50 ( 2
Sciences	School of Health Sciences	200	202 (153)	202 (156)	214 (154)	218 (163)			836 (62
	Total	387	390 (209)		413 (208)		158 ( 49)	128 ( 45)	1,913 (96° * 50.5
	Department of Human Studies*					1 ( 1)			1 (
Faculty of Letters	Department of History*					1 ( 1)			1 (
Lottoro	Total					2 ( 2)			2 (
	Human Environment Course*					2( 0)			2(
Faculty of	Sports Sciense Cours*					1 ( 0)			1 (
Education	Total					3 ( 0)			3 ( * 0.0
	Department of Law and Politics*					3 ( 0)			3(
Faculty of Law	Total					3 ( 0)			3 ( * 0.0
Faculty of	Department of Economics*					6 (2)			6(
Economics	Total					6 ( 2)			6 (
	School of Medicine*					1 ( 0)	3 ( 1)	5 ( 0)	9 (
Faculty of	School of Health Sciences*					2 ( 2)			2(
Medicine	Total					3 (2)	3 (1)	5 ( 0)	11 ( * 27.3
Faculty of	School of Pharmaceutical Sciences*					1 ( 0)			1 (
Pharmaceutical Sciences	Total					1 ( 0)			1 ( * 0.0
	Department of Civil and Environmental Engineering*					2( 0)			2(
	Department of Mechanical Systems Engineering*					2( 0)			2(
Faculty of	Department of Human and Mechanical Systems Engineering**					1 ( 0)			1 (
Engineering	Department of Information and Systems Engineering*					1 ( 0)			1 (
	Total					6 ( 0)			6 ( ( * 0.0
Gra	nd Total	1,726	1,775 (681)	1,801 (703)	1,872 (717)	2,190 (818)	161 ( 50)	133 ( 45)	7,932 (3,01 * 38.0

**GRADUATE SCHOOLS** Mactor's Course - Mactor's Lovel Section of Integrated Course As of May 1, 2014

\*=shows the Former Department ( )=The number of female students showing partitions.

laster's Course • Master	's Level Section of Integrated Course							
Graduate Schools	Divisions	Admission		nt Number of Stu				
		Capacity	First year	Second year	Total			
Graduate School of	Division of Advanced Educational Research and Development	35	15 (6)	35 (21)	50 ( 27			
Education	Total	35	15 (6)	35 (21)	50 ( 27) * 54.09			
	Division of Humanities	23	25 ( 15)	33 ( 23)	58 ( 38			
	Division of Law and Politics	8	7 ( 4)	10 ( 7)	17 ( 11			
	Division of Economics	8	3 ( 1)	7 ( 5)	10 ( 6			
Graduate School of Human and	Division of Regional Development Studies	8	9 (6)	12 ( 5)	21 ( 11			
Socio-Environmental	Division of International Studies	8	7 ( 7)	14 ( 9)	21 ( 16			
Studies	Division of Humanities*			5 (2)	5( 2			
Stadios	Division of Social Systems*			1 ( 1)	1 ( 1			
	Division of Public Policy and Management*			6 (3)	6(3			
	Total	55	51 ( 33)	88 ( 55)	139 (88) * 63.3			
	Division of Mathematical and Physical Sciences	56	52 ( 7)	87 ( 14)	139 ( 2			
	Division of Material Chemistry	57	69 (11)	68 ( 11)	137 ( 2			
	Division of Mechanical Science and Engineering	90	115 ( 3)	122 ( 7)	237 ( 1			
	Division of Electrical Engineering and Computer Science	67	81 ( 3)	80 ( 0)	161 (			
Graduate School of	Division of Environmental Design	40	34 ( 7)	40 ( 7)	74 ( 1			
Natural Science and	Division of Natural System	67	63 ( 20)	74 ( 19)	137 ( 3			
Technology	Division of Mathematical and Physical Sciences*			1 ( 0)	1 (			
	Division of Electrical and Computer Engineering*			2 ( 0)	2(			
	Division of Material Chemistry*			1 ( 0)	1 (			
	Division of Material Engineering*			1 ( 0)	1 (			
	Total	377	414 (51)	476 ( 58)	890 (109) * 12.2			
	Division of Medical Science	15	16 ( 4)	14 ( 5)	30 (			
Graduate School of	Division of Pharmaceutical Sciences	38	33 ( 13)	38 ( 11)	71 ( 2			
Medical Science	Division of Health Sciences	70	71 ( 32)	80 ( 39)	151 ( 7			
	Total	123	120 ( 49)	132 ( 55)	252 (104) * 41.3			
	Division of Medical Science*			1 ( 0)	1 (			
Graduate School of	Division of Pharmateutial Sciences*			1 ( 0)	1 (			
Medical Science	Division of Health Sciences*			11 ( 2)	11 (			
	Total			13 ( 2)	13 ( 2) * 15.4			
Grand Total		590	600 (139)	744 (191)	1,344 (330) * 24.6			

## **GRADUATE SCHOOLS**

Doctoral Course and Doctoral Level Section of Integrated Course

		Admission			Prese	nt Number	of Student	ts
Graduate Schools	Divisions		First y	/ear	Second year	Third year	Fourth year	Total
Graduate School of Human and	Division of Human and Socio-Environmental Studies	12	13(	5)	16 (11)	57 ( 33)		86 ( 49)
Socio-Environmental Studies	Total	12	13 (	5)	16 ( 11)	57 ( 33)		86 ( 49) * 57.0%
	Division of Mathematical and Physical Sciences	15	9(	0)				9(0
	Division of Material Chemistry	14	5(	2)				5 ( 2)
	Division of Mechanical Science and Engineering	25		0)				8 ( 0)
	Division of Electrical Engineering and Computer Science	18	11 (	3)				11 ( 3
	Division of Environmental Design	10		0)				5( 0
Graduate School of	Division of Natural System	21	9(	2)				9 ( 2
Natural Science and	Division of Mathematical and Physical Sciences*				10 ( 1)	26 (5)		36 ( 6)
Technology	Division of Electrical and Computer Engineering*				12 ( 3)	16 (2)		28 (5)
	Division of Innovative Technology and Science*				8 (1)	21 ( 2)		29 ( 3)
	Division of Material Sciences*				8 (1)	22 ( 5)		30 ( 6)
	Division of Environmental Science and Engineering*				13 ( 3)	37 (4)		50 ( 7)
	Division of Life Sciences*				5 (2)	28 (8)		33 ( 10)
	Total	103	47 (	7)	56 ( 11)	150 ( 26)		253 ( 44) * 17.4%
	Division of Neuroscience	16	12 (	4)	11 ( 3)	13 ( 3)		36 ( 10)
	Division of Cancer Medicine	26	33 (	6)	25 (6)	26 (7)		84 ( 19)
	Division of Cardiovascular Medicine	20	13 (	4)	17 ( 4)	11 ( 1)		41 ( 9)
Graduate School of	Division of Environmental Science	14	11 (	2)	9 (2)	16(3)		36 ( 7)
Medical Science	Division of Pharmacy	4	2(	1)	5(1)	6 (2)		13 ( 4)
	Division of Pharmaceutical Sciences	11	10 (	3)	10 ( 0)	14 ( 2)		34 ( 5)
	Division of Health Sciences	25	26 (	18)	31 ( 13)	24 ( 7)		81 ( 38)
	Total	116	107 (	38)	108 (29)	110 ( 25)		325 ( 92) * 28.3%
	Division of Neuroscience*		-				31 (8)	31 ( 8)
	Division of Cancer Medicine*						94 ( 20)	94 ( 20
Graduate School of	Division of Cardiovascular Medicine*						63 ( 20)	63 ( 20)
Medical Science	Division of Environmental Science*						49 ( 15)	49 ( 15)
	Division of Health Sciences*					73 ( 25)		73 ( 25)
	Total					73 ( 25)	237 ( 63)	310 ( 88) * 28.4%
Graduate School of	Division of International Socio-Environmental Studies**					1 ( 0)	- , , , , , ,	1 ( 0)
Socio-Environmental Studies	Total					1 ( 0)		1 ( 0) * 0.0%
Grand Total		231	167 (	50)	180 ( 51)	391 (109)	237 (63)	975 (273) * 28.0%

## PROFESSIONAL DEGREE COURSE

Graduate Schools	Divisions	Admission	Present Number of Students									
Graduate Scribbis	DIVISIONS	Capacity	First year	Second year	Third year	Total						
Law School	Division of Legal Affairs	25	13 ( 4)	20 ( 6)	17 ( 3)	50 (13)						
	Total	25	13 ( 4)	20 ( 6)	17 ( 3)	50 (13) * 26.0%						

## Unit: Person

As of May 1, 2014

\*\*=shows the Former Department ( ) =The number of female students shown in parentheses.

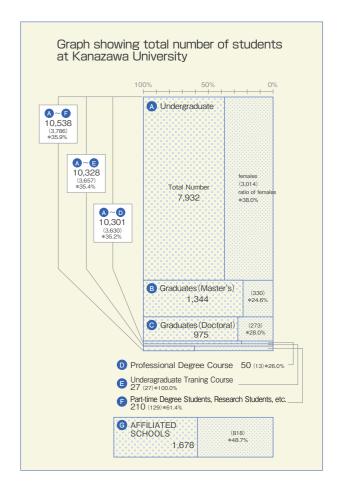
\*=shows the ratio of female students.

## UNDERGRADUATE TRAINING COURSE

Course	Admission Capacity	Present Number of Students
Undergraduate Training Course for School Nurses	40	27 (27)
Grand Total	40	27 (27) * 100%

## PART-TIME DEGREE STUDENTS, RESEARCH STUDENTS, ETC.

Classification	Present	Number of S	Students
Classification	Part-time Students	Research Students etc,	Total
Faculties	36 ( 18)	26 ( 21)	62 ( 39)
Graduate Schools	7 ( 5)	62 ( 25)	69 ( 30)
International Student Center	5 ( 4)	74 ( 56)	79 ( 60)
Grand Total	48 ( 27)	162 (102)	210 (129) * 61.4%



## As of May 1, 2014

## AFFILIATED SCHOOLS

\*=shows the Former Department( )=The number of female students shown in parentheses.
\*=shows the ratio of female students.

Onhania	Number of	Number of	Total Enrollment	Total			Present N	Number of	Students		
Schools	Classes	Classes	Capacity	Enrollment Capacity	First year	Second year	Third year	Fourth year	Fifth year	Sixth year	Total
Kindergarten	3-Year Course	. 5	20	160	3-Year Course	4-Year Course	5-Year Course				119 ( 58)
Killuelgaltell	2-Year Course	3	50	100	30 (16)	48 (21)	41 (21)				113 ( 30)
Elementary	y School	18 (combined) 2	105 40	705 80	105 (53)	105 (54)	100 (51) 12 ( 6)	102 (52) 12 ( 6)	111 (57)	111 (51)	634 (318) 24 ( 12)
Junior High School		12	160	480	159 (80)	157 (77)	150 (74)				466 (231)
Senior Hig	h School	9	120	360	125 (56)	125 (65)	127 (57)				377 (178)
School for	Elementary	(combined) 3	3	18	3 (3)	3 (1)	2(1)	3(1)	2(0)	3 ( 0)	16 ( 6)
Special Needs	Junior High	3	6	18	7 (3)	5 (2)	5 ( 1)				17 ( 6)
Education	Senior High	3	8	24	9 ( 4)	8 (2)	8 (3)				25 ( 9)
Gra	and Total	55	512	1,845							1,678 (818) * 48.7%

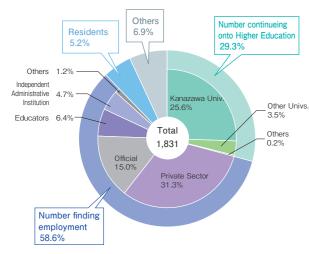
OUTLINE OF KANAZAWA UNIVERSITY 2014 | 23 22 OUTLINE OF KANAZAWA UNIVERSITY 2014

# Graduates and Career Paths

## BACHELORS (COLLEGES · FACULTIES)

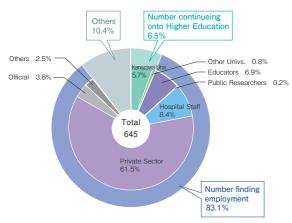
Career Paths of 2013 Academic Year Graduate

Unit: Person As of May 1, 2014



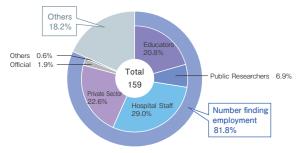
	Cumulative	Number of	Numb	er continuir	ng onto Higher	Education		N	umber findin	ig employme	nt					Regions					7Viay 1, 2014
Colleges · Schools/Faculties	Total (Number in 2013 included)	Graduates (2013 Academic Year)		graduate Other Univs.	Others	Total	Private Sector	Official	Educators	Independent Administrative Institution	Others	Total	Ishikawa Pref.	Toyama, Fukui Prefs.	Kanto	Tokai	Kinki	Others	Total	Residents	Others
College of Human and Social Sciences																					
School of Humanities	418	151	8	10	0	18	64	34	15	8	3	124	43	38	11	18	6	8	124	0	9
School of Law	494	177	5	7	0	12	62	74	0	5	1	142	43	23	29	26	10	11	142	0	23
School of Economics	528	187	1	5	0	6	106	47	1	3	4	161	55	32	23	30	6	15	161	0	20
School of Teacher Education	302	99	3	2	0	5	8	5	75	0	0	88	43	26	1	11	2	5	88	0	6
School of Regional Development Studies	220	77	4	2	0	6	34	23	1	2	3	63	24	12	7	4	7	9	63	0	8
School of International Studies	199	77	1	3	0	4	53	5	3	2	1	64	21	11	20	1	7	4	64	0	9
College of Science and Engineering																					
School of Mathematics and Physics	268	95	52	3	1	56	14	2	16	0	0	32	12	8	5	5	0	2	32	0	7
School of Chemistry	271	100	67	5	0	72	16	2	2	0	0	20	5	6	2	4	1	2	20	0	8
School of Mechanical Engineering	454	161	104	11	0	115	37	2	0	0	0	39	10	8	3	6	6	6	39	0	7
School of Electrical and Computer Engineering	351	123	74	6	0	80	34	4	0	0	0	38	12	8	5	7	5	1	38	0	5
School of Environmental Design	244	85	31	2	0	33	20	31	0	0	0	51	21	14	5	5	3	3	51	0	1
School of Natural System	309	103	60	6	0	66	22	6	3	0	2	33	11	6	5	3	6	2	33	0	4
College of Medical, Pharmaceutical and Health Sciences School of Medicine	95	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	2
School of Pharmacy	36	36	1	0	0	1	22	3	0	10	0	35	7	9	7	4	3	5	35	0	0
School of Pharmaceutical Sciences	101	33	31	0	0	31	1	0	0	0	0	1	0	0	1	0	0	0	1	0	1
School of Health Sciences	628	204	24	2	3	29	74	36	0	55	8	173	65	32	19	24	18	15	173	0	2
Faculty of Letters	4,162	4	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	0	3
Faculty of Education	13,856	3	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	2
Faculty of Law	5,618	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Faculty of Economics	5,446	2	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	1
Faculty of Science	7,354	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Faculty of Medicine(School of Medicine)	5,940	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Faculty of Medicine(School of Health Sciences)	2,645	2	0	0	0	0	1	0	0	1	0	2	2	0	0	0	0	0	2	0	0
Faculty of Pharmaceutical Sciences	4,003	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Faculty of Engineering	22,072	6	0	0	0	0	3	0	0	0	0	3	3	0	0	0	0	0	3	0	3
College of Human and Social Sciences (School of Law)	8,082																				
Total	84,096	1,831	469	64	4	537	573	275	116	86	22	1,072	378	233	145	148	80	88	1,072	96	126

## Graduate Schools (Master's Course • Master's Level Section of Integrated Course)



	Cumulative	Number of	Numb	er continuir	ng onto Higher	Education					Numbe	r finding emp						
Graduate Schools	Total (Number in 2013	Graduates (2013 Academic	Postgr	aduate	Others	Total	Lect	urers	Public	Hospit	al Staff		Private Sector		Official	Others	Total	Others
	included)	Year)	Kanazawa Univ.	Other Univs.	Others	Total	University	Others	Researchers	Public	Private	Research	Technology	Office	Ollicial	Others	Total	
Graduate School of Education	1,176	33	0	0	0	0	4	20	0	0	0	0	2	1	2	0	29	4
Graduate School of Human and Socio-Environmental Studies	328	75	8	1	0	9	4	4	0	1	0	0	6	14	6	5	40	26
Graduate School of Natural Science and Technology	7,109	429	21	4	0	25	0	11	0	0	0	22	305	15	12	9	374	30
Graduate School of Medical Science	99	99	7	0	0	7	2	0	1	22	25	15	14	2	2	2	85	7
(Graduate School of Medical Science)	983	9	1	0	0	1	0	0	0	4	2	0	0	1	1	0	8	0
(Graduate School of Letters)	622																	
(Graduate School of Law)	214																	
(Graduate School of Economics)	166																	
(Graduate School of Science)	1,677																	
(Graduate School of Pharmaceutical Sciences)	718																	
(Graduate School of Technology)	3,136																	
Total	16,228	645	37	5	0	42	10	35	1	27	27	37	327	33	23	16	536	67

## Graduate Schools (Doctoral Course and Doctoral Level Section of Integrated Course)



Out death Outrails		ng the course Degrees)		g thesis only Degrees)	Number	continuing onto	Higher Edu	ucation					Numbe	r finding em	ployment					046		
Graduate Schools	Cumulative	ve 2013 Academic (	2013 Academic	2013 Academic	Cumulative	2013 Academic	Postgraduate		Othoro	Total	Lectu	ırers	Public	Hospita	al Staff	ı	Private Sector		Official	Others	Total	Others
	Totals	Year	Totals	Year	Kanazawa Univ.	Other Univs.	Others	Total	University	Others	Researchers	Public	Private	Research	Technology	Office	Olliciai	Others	Total			
Graduate School of Human and Socio-Environmental Studies	34	8	8	0	(0) 0	(1) 0	(0) 0	(1) 0	(1) 1	(0) 0	(0) 0	(0) 0	(0) 0	(0) 0	(0) 0	(1) 0	(0) 2	(0) 0	(2) 3	(1) 5		
Graduate School of Natural Science and Technology	1,495	77	353	2	(0) 0	(0) 0	(0) 0	(0) 0	(1) 17	(0) 2	(1) 9	(1) 1	(0) 2	(3) 18	(2) 12	(1) 1	(1) 1	(2) 0	(12) 63	(5) 14		
Graduate School of Medical Science			13	10																		
Graduate School of Medical Science	2,407	74	1,674	0	(0) 0	(0) 0	(0) 0	(0) 0	(1) 12	(0) 1	(0) 2	(3) 29	(1) 14	(0) 5	(0) 0	(0) 0	(0) 0	(0) 1	(5) 64	(0) 10		
(Graduate School of Socio-Environmental Studies)	118		20	0																		
Total	4,054	159	2,068	12	(0) 0	(1) 0	(0) 0	(1) 0	(3) 30	(0) 3	(1) 11	(4) 30	(1) 16	(3) 23	(2) 12	(2) 1	(1) 3	(2) 1	(19) 130	(6) 29		

## Professional Degree Course

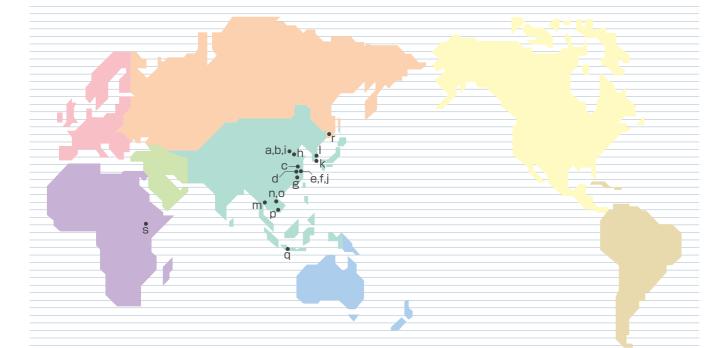
	Total G	Number of	Number	continuing or		ducation			Numb	er finding e	mployment							
Graduate Schools		umber in 2013 (2013 Academic		raduate	Others	Total	Lecti	urers	Public	Hospit	al Staff	Priv	ate Sector		Official	Others	Total	Others
Conocio			Kanazawa Univ.	Other Univs.	Others	Total	University	Others	Researchers	Public	Private	Research	Technology	Office	Olliciai	Others	Total	
Law School	208	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14

## Undergraduate Training Course

Course	Cumulative Total (Number in 2013 included)	Number of Graduates (2013 Academic Year)	Number continuing onto Higher Education	Lecturers	Medical Staff	Welfare Workers	Others
Undergraduate Training Course for School Nurses	1,281	35	0	22	8	0	5

# International Exchange

Regional Divisio	Regional Division of International Partner Institutions (University-Level / Department-Level)												
	Asia	Middle East	Oceania	Africa	Europe	Russia & NIS	North America	Central & South America	International Organization				
International Partner Institutions (University-Level) 134 Institutions [35 Countries and 1 Region]	82	4	6	3	21	4	10	3	1				
International Partner Institutions (Department-Level) 58 Institutions [19 Countries and 1 Region]	40	1	2	-	7	4	4	-	-				
Total 192 Institutions [40 Countries and 1 Region]	122	5	8	3	28	8	14	3	1				



Overseas L	iaison Offic	es		As-o	f May 1, 2014
Classification	Country or District	Icon	Name of Institution (City)	Office Location	Date of Establishment
Asia	China	а	Beijing Office (Beijing)	State Key Laboratory of Geophysical Fluid Dynamics, Institute of Atmospheric Physics, Chinese Academy of Sciences	2007.04
		b	Beijing Office (Beijing)	School of Archaeology and Museology, Peking University	2008.02
		С	Nanjing Office (Nanjing)	Nanjing University	2008.03
		d	Suzhou Office (Suzhou)	Soochow University	2008.03
		е	Shanghai Office (Shanghai)	Ishikawa Prefectural Government Shanghai Representative Office	2008.08
		f	Shanghai Office (Shanghai)	College of Humanities and Communication, Shanghai Normal University	2008.01
		g	Hangzhou Office (Hangzhou)	Zhejiang University of Technology	2009.04
		h	Tianjin Office (Tianjin)	Tianjin Biomedical Research Institute	2009.04
		i	Beijing Office (Beijing)	Beijing Normal University	2009.08
		j	Shanghai Office (Shanghai)	Shanghai Representative Office, Hokuriku Bank	2009.09
	Korea	k	Busan Office (Busan)	Institute of Environmental and Marine Sciences , Pukyong National University	2007.01
		- 1	Taegu Office (Taegu)	Kyungpook National University	2007.12
	Thailand	m	Bangkok Office (Bangkok)	King Mongkut's University of Technology	2010.02
	Vietnam	n	Hanoi Office (Hanoi)	Hanoi Branch of MITANI SANGYO Co. Ltd.	2008.08
		0	Hanoi Office (Office for Hanoi Medical University and Kanazawa University Collaboration Program)(Hanoi)	Hanoi Medical University	2010.02
		р	Ho Chi Minh Office (Ho Chi Minh)	Ho Chi Minh Branch of MITANI SANGYO Co. Ltd.	2010.04
	Indonesia	q	Bandung Office (Bandung)	Bandung Institute of Technology	2009.04
Russia & NIS	Russia	r	Vladivostok Office (Vladivostok)	Pacific Oceanological Institute of FEBRAS	2008.11
Africa	Kenya	S	Nairobi Office (Nairobi)	Guesthouse of KEMRI	2010.03

Partner Institutions (University-Level) 134 Institutions [35 Countries, 1 Region]

Classification	Country or District	Name of Institution (City)	Date of Agreen Conclusion
nternational Organization		Coordinating Committee for Geoscience Programmes in East and Southeast Asia [CCOP]	2011.03.2
Asia	Bangladesh	The University of Dhaka (Dhaka)	2010.04.1
	Cambodia	Authority for the Protection and Management of Angkor and the Region of Siem Reap (Siem Reap)	2010.02.0
		Institute of Technology of Cambodia (Phnom Penh)	2010.02.1
		National University of Management (Phnom Penh)	2014.02.2
	China	Soochow University (Suzhou)	1997.01.2
		Sichuan University (Chengdu)	2003.03.
		Harbin Medical University (Harbin)	1999.03.
		Beijing Normal University (Beijing)	1999.09.
		Beijing University of Technology (Beijing)	2000.08.
		Dalian University (Dalian)	2001.03.
		Dalian University of Technology (Dalian)	2003.10.
		Nanjing University (Nanjing)	2004.03.
		Yanbian University (Yanji)	2007.01.
		East China University of Science and Technology (Shanghai)  Nankai University (Tianjin)	2008.11.
		Zhejiang University of Technology (Hangzhou)	2008.12. 2008.12.
		Beijing Language and Culture University (Beijing)	2009.03.
		Xidian University (Xi'an)	2009.03.
		Dong Hua University (Shanghai)	2010.11.
		Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences (Beijing)	2011.05
		Peking University (Beijing)	2011.03.
		Shanghai International Business and Economics University (Shanghai)	2011.10
	India	University of Pune (Pune)	1999.09
	IIIuia	Tilak Maharashtra Vidyapeeth (Pune)	2013.05
	Indonesia	Bandung Institute of Technology (Bandung)	2008.03
	iliuoliesia	Indonesia University of Education (Bandung)	2010.05
		Semarang State University (Semarang)	2010.03
		University of Brawijaya (Malang)	2012.09
		University of Indonesia (Depok)	2012.09
		University of Gadjah Mada (Yogyakarta)	2012.10
		State University Malang (Malang)	2013.04
	Korea	Dong-A University (Pusan)	1998.04
	Korou	Pusan National University (Pusan)	2000.09
		Korea Institute of Geoscience and Mineral Resources (Daeieon)	2005.10
		Pukyong National University (Pusan)	2007.01
		Hoseo University (Asan)	2012.09
		Hanyang University (Seoul)	2013.01
		Chonbuk National University (Chonju)	2013.06
	Laos	National University of Laos (Vientiane)	2013.12
		University of Health Sciences (Vientiane)	2013.12
	Malaysia	University of Malaya (Kuala Lumpur)	2011.04
	Mongolia	National University of Mongolia (Ulaanbaatar)	2012.10
	Thailand	Chulalongkorn University (Bangkok)	1999.07
		King Mongkut's University of Technology Thonburi (Bangkok)	2000.04
		Chiang Mai University (Chiang Mai)	2008.01
		Prince of Songkla University (Hat Yai)	2011.03
		Khon Kaen University (Khon Kaen)	2011.06
		Srinakharinwirot University (Bangkok)	2011.07
		Naresuan University (Phisanulok)	2013.09
	Vietnam	Hanoi Medical University (Hanoi)	2009.09
		Hanoi University of Technology (Hanoi)	2009.09
		Foreign Trade University (Hanoi)	2009.12
		Vietnam National University, Hanoi (Hanoi)	2009.12
		VNU Hanoi University of Science (Hanoi)	2009.12
		VNU Hanoi University of Engineering and Technology (Hanoi)	2009.12
		Hanoi National University of Education (Hanoi)	2009.12.
		Hanoi University of Pharmacy (Hanoi)	2009.12.
		University of Transport and Communications (Hanoi)	2009.12.
		Vietnam National University of Agriculture (Hanoi)	2009.12.
		Hanoi University (Hanoi)	2009.12.
		Hai Phong Medical University (Hai Phong)	2009.12.
		Danang University of Technology (Danang)	2009.12.
		Nong Lam University (Ho Chi Minh City)	2009.12.
		Hue University (Hue)	2009.12.
		Can Tho University (Can Tho)	2009.12.
			2009.12.

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State University of New York at New Paltz (New Paltz, NY)

Honduran Institute of Anthropology and History (Tegucigalpa)

Monterrey Institute of Technology and Higher Education (Monterrey)

The Vice Ministry of Cultural and Natural Heritage of the Ministry of Culture and Sport (Guatemala City) 2011.06.27

University of Nevada, Reno (Reno, NV)

Illinois College (Jacksonville, IL)
Wagner College (Staten Island, NY)

Guatemala

Honduras

Mexico

Central & South

## Partner Institutions (Department-Level) 58 Institutions [15 Countries, 1 Region]

Δs	$\cap f$	May	1	2014

Country or District	Department	Name of Institution (City)	Date of Agreemer Conclusion
(Asia)	Faculty of Economics	Faculty of Social Sciences, Northeast Normal University (Changchun)	1992.06.16
China	Graduate School of Medical Sciences and Faculty of Medicine	Southern Medical University (Guangzhou)	2001.05.11
	Graduate School of Medical Sciences and Faculty of Medicine	China Medical University (Shenyang)	2002.05.07
	Faculty of Pharmacy, Institute of Medical, Pharmaceutical and Health Sciences	Henan University of Traditional Chinese Medicine (Zhengzhou)	2004.11.15
	Institute of Natural and Environmental Technology	State Key Laboratory of Numerical Modeling for Atmospheric Sciences and Geophysical Fluid Dynamics, Institute of Atmospheric Physics, Chinese Academy of Sciences (Beijing)	2007.04.24
	College of Science and Engineering	College of Science, Zhejiang University (Hangzhou)	2009.04.30
	Cancer Research Institute	Shanghai Cancer Center, Fudan University (Shanghai)	2010.07.27
	College of Science and Engineering	School of Social Development and Public Policy, Fudan University (Shanghai)	2012.08.06
	Graduate School of Human and Socio-Environmental Studies	School of Public Administration, Renmin University of China (Beijing)	2010.09.01
	Graduate School of Human and Socio-Environmental Studies	School of Humanities, Zhejiang University (Hangzhou)	2010.10.11
	College of Human and Social Sciences	School of Ethnic Culture, Yunnan University of Nationalities (Yunnan)	2011.10.31
	College of Science and Engineering	School of Environment, Tsinghua University (Beijing)	2012.02.20
	College of Science and Engineering	School of Architecture, Tsinghua University (Beijing)	2012.08.27
	College of Science and Engineering	College of Mechanical Engineering, University of Shanghai for Science and Technology (Shanghai)	2012.03.28
	College of Science and Engineering	Faculty of Engineering, Shandong University (Jinan)	2012.03.27
Indonesia	Institute of Medial, Pharmaceutical and Health Sciences	Faculty of Medicine, Hasanuddin University (Makassar)	2014.02.12
Korea	Cancer Research Institute	Genetic Engineering Research Institute, Korea Institute of Science and Technology (Daejeon)	1993.04.22
	Faculty of Engineering	College of Engineering, Korea Advanced Institute of Science and Technology (Daejeon)	2005.03.10
	Faculty of Education	Korea National Sport University (Seoul)	2005.01.04
	Institute of Natural and Environmental Technology	Faculty of Science, Kyung Hee University (Seoul)	2005.12.19
	Faculty of Engineering	College of Engineering, Dankook University (Seoul)	2006.11.01
	Graduate School of Medical Sciences and School of Medicine	College of Medicine, University of Ulsan (Seoul)	2008.10.24
	College of Human and Social Sciences	College of Humanities, Hallym University (Chunchon)	2009.10.28
	Graduate School of Human and Socio-Environmental Studies	College of Humanities, Inha University (Incheon)	2010.09.30
	Cancer Research Institute	Cancer Research Institute, Seoul National University (Seoul)	2013.07.10
Mongolia	Institute of Natural and Environmental Technology	Institute of Geology and Mineral Resources, Mongolian Academy of Sciences (Ulaanbaatar)	2007.03.16
Morigolia	Institute of Natural and Environmental Technology	Institute of Geography, Mongolian Academy of Sciences (Ulaanbaatar)	2012.07.02
	Cancer Research Institute	Institute of Biology, Mongolian Academy of Sciences (Ulaanbaatar)	2007.08.06
Myanmar	Graduate School of Medical Sciences	University of Medicine 2 Yangon (Yangon)	2013.10.23
Philippines	Faculty of Science	University of the Philippines, Diliman (Quezon)	1999.05.11
Thailand	-		
Hallanu	Faculty of Engineering  College of Science and Engineering	Sirindhorn Internatioal Institute of Technology (SIIT), Thammasat University (Pathum Thani)	2006.10.24
Vietnem		Department of Rural Roads (Bangkok)  Cardiovascular Center, Hospital E (Hanoi)	2010.08.23
Vietnam	Faculty of Medicine, Institute of Medical, Pharmaceutical and Health Sciences		2011.06.08
	Institute of Medical, Pharmaceutical and Health Sciences	Vietnam National Institute of Maritime Medicine (Hai Phong)	2012.05.31
	Institute of Medical, Pharmaceutical and Health Sciences	The Office of National Steering Committee on Overcoming Consequences of Toric Chemicals Used by the U.S. Army in Vietnem, Ministry of Natural Resources and Environment (Hard)	
T	Institute of Medical, Pharmaceutical and Health Sciences	Research Institute for Child Health, National Hospital of Pediatrics (Hanoi)	2013.04.03
Taiwan	Faculty of Law	Department of Law, National Chengchi University (Taipei)	2005.03.15
	College of Science and Engineering	College of Social Sciences, National Chengchi University (Taipei)	2012.03.07
	School of Law / Faculty of Law / School of Human and Socio-Environmental Studies	Department of Law, College of Social Sciences, National Cheng Kung University (Tainan)	2012.07.31
(A.C. I. II	College of Science and Engineering	College of Engineering, National Taipei University of Technology (Taipei)	2012.10.05
(Middle East) Turkey	Faculty of Pharmacy, Institute of Medical, Pharmaceutical and Health Sciences	Faculty of Pharmacy, Ankara University (Ankara)	2010.02.08
(Oceania)			
Australia	Faculty of Engineering	Division of Information Technology, Engineering & the Environment, University of South Australia (Adelaide)	1999.01.20
New Zealand	Institute of Medical, Pharmaceutical and Health Sciences	Faculty of Health and Environmental Sciences, Auckland University of Technology (Auckland)	2014.03.17
(Europe)	College of Science and Engineering	The Institute of Chemical Technology, Progue (Progue)	2002.04.01
Czech	College of Science and Engineering	The Institute of Chemical Technology, Prague (Prague)	2003.04.01
France	Faculty of Engineering	University of Savoy (Chambery)	2000.03.14
Germany	Faculty of Engineering	University of Stuttgart (Stuttgart)	2008.03.20
	College of Human and Social Sciences	Faculty of Arts, University of Dusseldorf (Dusseldorf)	2009.07.30
Netherlands	College of Human and Social Sciences	Faculty of Humanities, Leiden University (Leiden)	2013.12.10
Norway	School of International Studies	Department of Sociology and Political Science, Norwegian University of Science and Technology (Trondheim)	2009.07.28
U.K.	Faculty of Letters	Pembroke College, University of Oxford (Oxford)	1996.12.01
(Russia & NIS)	Graduate School of Medical Sciences and Faculty of Medicine	Krasnoyarsk State Medical Academy (Krasnoyarsk)	1997.06.18
Russia	Faculty of Science	Institute for Theoretical and Experimental Physics (Moscow)	1997.07.01
	Faculty of Science	Irkutsk State University (Irkutsk)	1998.03.16
	Graduate School of Medical Sciences and School of Medicine	The Far-Eastern State Medical University (Khabarovsk)	2008.06.10
(North America)	Affiliated Elementary School	Lower School of Berwick Academy (South Berwick, ME)	1998.05.29
U.S.A.	Faculty of Letters	East Asian Studies Department, Princeton University (Princeton, NJ)	2000.04.28
	Graduate School of Medical Sciences and Faculty of Medicine	John A. Burns School of Medicine, University of Hawaii at Manoa (Honolulu, HI)	2007.12.03

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1998.08.05

2009.11.24

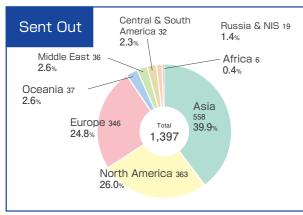
2014.03.27

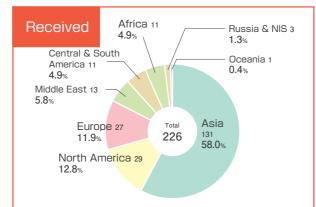
2013.02.08

2010.05.03

## Number of International Exchange of Researchers etc. / Sent Out and Received

Unit: Person 2013 Academic Year





Classification	Country or District	Sent Out	Received
Asia	Bangladesh	0	1
Aoid	Cambodia	9	1
	China	156	25
	India	8	1
	Indonesia	64	27
	Korea	93	13
	Laos	18	0
	Malaysia	9	0
	Mongolia	5	1
	Myanmar	15	7
	Philippines	32	4
	Singapore	15	0
	Sri Lanka	1	1
	Thailand	60	21
	Vietnam	39	9
	Taiwan	34	20
	Total	558	131
Middle	Iran	0	2
East	Iraq	0	4
	Israel	2	0
	Jordan	5	0
	Oman	6	0
	Palestine	0	2
	Saudi Arabia	4	4
	Turkey	14	0
	The United Arab Emirates	5	0
	Yemen	0	1
	Total	36	13
Oceania	Australia	32	1
	New Zealand	5	0
	Total	37	1
Africa	Benin	1	0
	Egypt	0	2
	Kenya	3	2
	Morocco	1	7
	Nigeria	1	0
	Total	6	11
Europe	Albania	1	0
	Austria	26	2

Classification	Country or District	Sent Out	Received
Europe	Belgium	1	0
	Czech	8	0
	Denmark	4	0
	Finland	6	1
	France	42	5
	Germany	61	2
	Greece	7	0
	Hungary	3	2
	Iceland	1	0
	Ireland	5	0
	Italy	55	5
	Macedonia	1	0
	Netherlands	14	1
	Norway	1	0
	Poland	5	1
	Portugal	4	1
	Romania	1	0
	Slovenia	2	0
	Spain	26	5
	Sweden	12	0
	Switzerland	15	0
	U.K.	45	2
	Total	346	27
Russia &	Armenia	2	0
NIS	Russia	16	2
	Ukraine	1	1
	Total	19	3
North	Canada	48	1
America	U.S.A.	315	28
	Total	363	29
Central	Brazil	17	1
& South	Chile	1	0
America	El Salvador	1	2
	Guatemala	3	4
	Honduras	7	3
	Mexico	3	1
	Total	32	11

## ■Number of International Students

Unit: Person As of May 1, Every Year

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Bachelors	80	80	74	64	57	57	60	57	59	55
Master's Course	59	56	55	68	91	142	175	160	142	136
Doctoral Course	147	132	130	118	116	126	147	178	172	168
Research Students etc.	91	97	93	77	81	166	103	89	124	136
Total	377	365	352	327	345	491	485	484	497	495

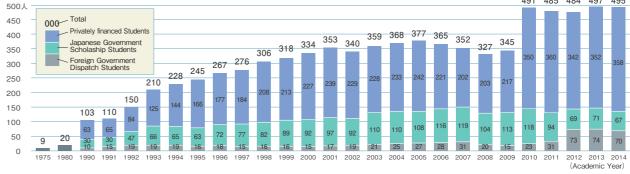
## ■Number of International Students

Unit: Person As of May 1, 2014

Classification	Country or District	Under-graduate Studentes	Graduate Students (Master's Course)	Graduate Students (Doctoral Course)	Research Students etc.	Total
Asia	Bangladesh	0	0	8	0	8
	Cambodia	0	0	0	1	1
	China	32	79	53	53	217
	India	0	0	2	0	2
	Indonesia	0	31	48	6	85
	Korea	7	1	3	4	15
	Malaysia	8	1	7	0	16
	Mongolia	1	1	3	0	Ę
	Myanmar	0	0	4	2	(
	Philippines	0	1	1	0	2
	Singapore	0	0	0	2	2
	Sri Lanka	0	0	0	1	1
	Thailand	4	8	5	5	22
	Vietnam	1	8	17	5	3.
	Taiwan	0	0	3	7	10
Middle East	Iran	0	1	4	0	Į
Wildule Last	Turkey	0	0	1	0	
Oceania	Australia	0	1	0	2	(
- Joseph Marie	Fiji	0	0	1	0	
	New Zealand	0	1	0	0	
Africa .	Egypt	0	0	2	1	(
	Kenya	0	0	2	1	(
Europe	Belgium	0	0	0	7	-
Luiope	Estonia	0	0	0	1	-
	Finland	0	0	0	4	4
	France	0	0	0	4	4
	Germany	0	0	0	2	
	Ireland	0	0	0	1	
	Italy	0	0	1	0	
	Lithuania	1	0	0	0	
	Poland	0	0	0	5	
	Spain	0	0	0	2	
	Sweden	1	0	0	0	-
	U.K.	0	0	0	2	4
Russia & NIS	Belarus	0	0	1	0	
I lussia & IVIS	Russia	0	1	2	3	(
	Ukraine	0	0	0	1	-
	Uzbekistan	0	0	0	1	-
North America	Canada	0	0	0	4	2
	U.S.A.	0	1	0	7	3
Central &	Argentina	0	0	0	1	
South America	Brazil	0	1	0	1	2
		-			•	495
	Total	55	136	168	136	4

## Graph Showing the Number of International Students

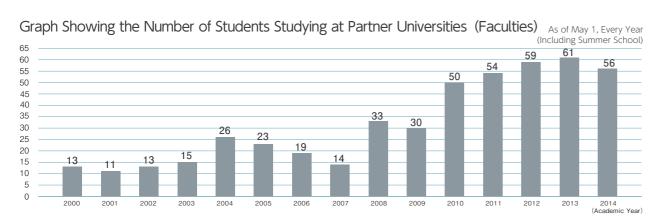
As of May 1, Every Year



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(2014 is tentative) \*Departent-Level International Partner Institution

Classification	Country or District	University and Faculty	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Asia	Bangladesh	The University of Dhaka										1
	China	Soochow University	2			1	2			2		1
		Beijing Normal University	1	2	2	2	2	2	2	2		
		Beijing Language and Culture University					1	2	1	2	2	
		Dalian University								1		
		Dalian University of Technology										1
		Nankai University										1
		Nanjing University									1	1
		Dong Hua University									2	
	India	University of Pune						2	2			
		Tilak Maharashtra Vidyapeeth									1	
	Indonesia	Semarang State University									1	
	Korea	Dong-A University		1			3	3	1	1	1	
		Pukyong National University		-			1	6	6	4	4	
		Pusan National University	2	1	3	2	1	1	1	1	-	
		Hanyang University					-			-	2	
		*College of Humanities, Inha University								2	7	
	Malaysia	University of Malaya								1	2	2
	Thailand	Chiang Mai University								1		
	Vietnam	Foreign Trade University								·	1	
	Taiwan	National Taiwan Normal University	1	1	1	2	1	1	8	2	4	1
		*Department of Law, National Chengchi University	<u> </u>	· ·	1	2	1		2		1	1
		National Taiwan University				_				2		
Middle East	The United Arab Emirates	University of Sharjah										1
Oceania	Australia	Australian National University	1	1		2		1	1			<u> </u>
Occurria	Adottalla	University of Technology Sydney	- '	'				'		5	2	
Europe	Belgium	Ghent University						1	1		1	3
Luiope	Czech	Charles University in Prague						- 1	2		2	2
	Finland	University of Jyvaskyla	1	2		3	2	2	2	1	2	3
	Tillialia	Aalto University	1			-			1	'		- 0
	France	University of Lorraine		2		2	2		2	2	2	2
	Tanoo	The University of Orleans								3	2	2
		University of Toulouse-Jean Jaures								- 0		2
	Germany	University of Siegen	1				1	1		1		2
	Commany	University of Regensburg	3	2		3	3	4	1	7	4	7
		*Faculty of Arts, University of Dusseldorf				0	0	2		2	1	3
	Ireland	Dublin City University			1	2		2	2	1	2	2
					'						1	
	Norway	*Department of Sociology and Political Science, Norwegian University of Science and Technology							1	2	- 1	2
	Poland	The University of Warsaw										1
	Slovakia	Slovak University of Technology		1				_				
	Spain	Autonomous University of Barcelona						2	2	2	2	
		University of Salamanca									1	
		University of Santiago de Compostela									1	
	U.K.	Liverpool John Moores University	3	3	5	5	4	6	6	3		
		University of Sheffield	2			2	2	2	2	2	2	2
Durania O NEO	D i .	University of Central Lancashire										2
Russia & NIS		Kazan Federal University					1				1	1
North America	Canada	University of Montreal										3
	U.S.A.	College of William and Mary				2		2	1	1		
		Tufts University	2	3	1	1	1	3	1	2		1
		State University of New York at Buffalo	1			1		2	2		1	2
		State University of New York at New Paltz	2			1	2	2	2	2	2	2
		University of Nevada, Reno						1	2	1	1	1
0 1 100 11 1		Illinois College								1		1
Central & South America	Mexico	Monterrey Institute of Technology and Higher Education									2	
		Total	23	19	14	33	30	50	54	59	61	56



# Finances

## ■2013 Fiscal Year Balance Sheet

122,344
,-
,-
3/13
343
2,027
124,714
10,664
5,139
2,919
18,722
143,436

ACCOUNT	Amount of money
Liabilities	
I. Fixed Liabilities	41,698
II. Current Liabilities	18,552
Total	60,250
■ Current Liabilities	
I. Capital Stock	58,646
II. Capital Surplus	20,669
II. Earned Surplus	3,871
Total	83,186

Account

Total

March 31, 2014

(Unit : million yen)

Amount of money

143,436

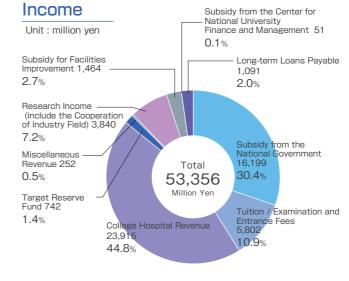
## ■2013 Fiscal Year Income Statement

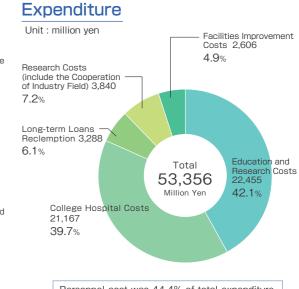
April 1, 2013~March 31, 2014 (Unit : million yen)

Amount of money Account **Ordinary Expenses** 50,029 Operating Expenses 48.311 General and Administrative Expenses 1,197 Others 521 Ordinary Revenues 51,460 Revenues from Subsidies for Management Expenses 15,247 Revenues from Student tuition fees etc. 6,278 Revenues from University Hospital 23,719 Others 6,216 Ordinary Profit 1,431 Extraordinary Loss 289 12 Extraordinary Profit Net Profit 1,154 Reversal of Reserve for Specific Purposes 0 **Gross Profit** 1,154

 $\ensuremath{\mathrm{\%}}$  The figures below one million yen are rounded off. Therefore the total might not add up.

## ■2014 Fiscal Year Budget





Personnel cost was 44.4% of total expenditure.

<sup>\*</sup> The amount of money is subject to change until the Minister approves.

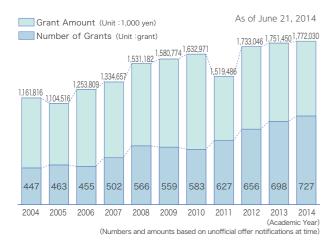
As of May 1, 2014

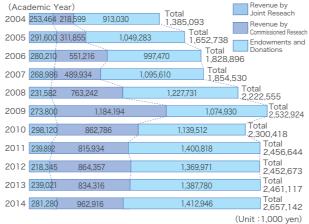
2013 Academic Year

# Grants-in-Aid for Scientific Research and Others

## ■ Number of Grants · Renewal of Grants

## Renewal of Revenue by Joint Reseach and Others

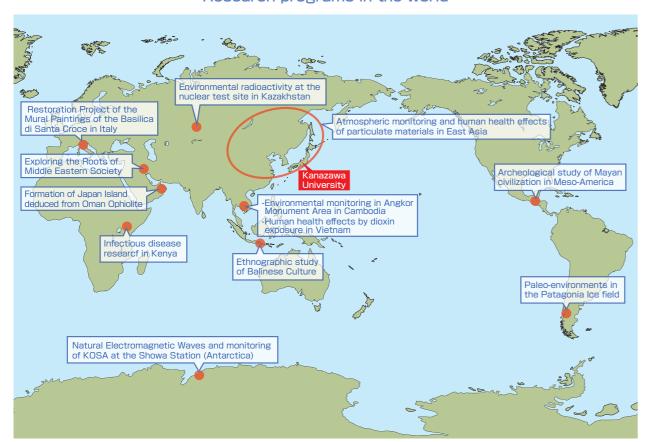




## ■Grant from Outside the University

Classification	Number	Amount Accepted (1,000 yen)
Revenue by Joint Research	215	281,280
Revenue by Commissioned Research	184	962,916
Endowments and Donations	2,332	1,412,946
Total	2,731	2,657,142

## Research programs in the world



# **University Library**

## ■ Facilities and Library Holdings

Library Holdings Number of Name Floor Space Seats Japanese Books Foreign Books Periodicals Central Library 1,038 860,897 326,946 1,187,843 16,741 10,456 Natural Science and 6.513 594 195.586 192.691 388.277 10.510 Technology Library Medical Library 3,541 401 133,766 154,781 288,547 8,719 Total 20,510 2,033 1,190,249 674,418 1,864,667 35,970

## ■ Hear Services

User	Services	2013 Academic Year		
Total Num	753,641			
Number of Borrowers 76,537				
Volumes	Lent	136,247		
	Inside University	1,194		
Photocopying	Request from Outside	4,923		
	Request to Outside	4,020		
	Inside University	1,747		
Interlibrary Borrowing	Lent to Outside	999		
	Borrowed from Outside	1,014		

■ Information Retrieval				
Package Titles of Electric Journals	Number of Titles			
Science Direct	2,230			
Springer Link	1,683			
Wiley Online Library	1,379			
Medical Online	967			
Cambridge Journals	319			
Oxford Journals	255			
JSTOR	109			
PsycArticles	89			
LWW Fixed 50	50			
GeoScienceWorld	41			
ACS	41			
ASCE	34			
Others	420			
Grand Total	7,617			

chushi Web
Kikuzo II text for Libraries
CINAHL
CiNii
Econlit
Evidence Based Medicine Reviews
GeoRef
ICR on Web
MAGAZINE PLUS
MathSciNet
SciFinder

TKC Law Library · Law school

UpToDate

Web of Science

Databases

# University Hospital

## Consultation Days:243

■ Number of Beds

As of May 1, 2014 Total 838

## Number of Patients

ZUTS ACQUEITIC TEAT							
Outpa	tients	Inpatients					
otal Visits	Per day	Total Stays	Per day				
383,430	1,577.9	268,429	735.4				

Outpa	tients	Inpatients					
Total Visits	Per day	Total Stays	Per day				
383,430	1,577.9	268,429	735.4				

<sup>\*</sup> Medical Library includes the facilities and library holdings of the Health Sciences Library

# Campus Maps

## Kakuma Campus

**North Area** 

NI Student Union Hall

N3 General Education Hall 1

N5 General Education Hall 2

High Education, International Student Center

Human and Socio-Environmental Studies

Human and Socio-Environmental Studies

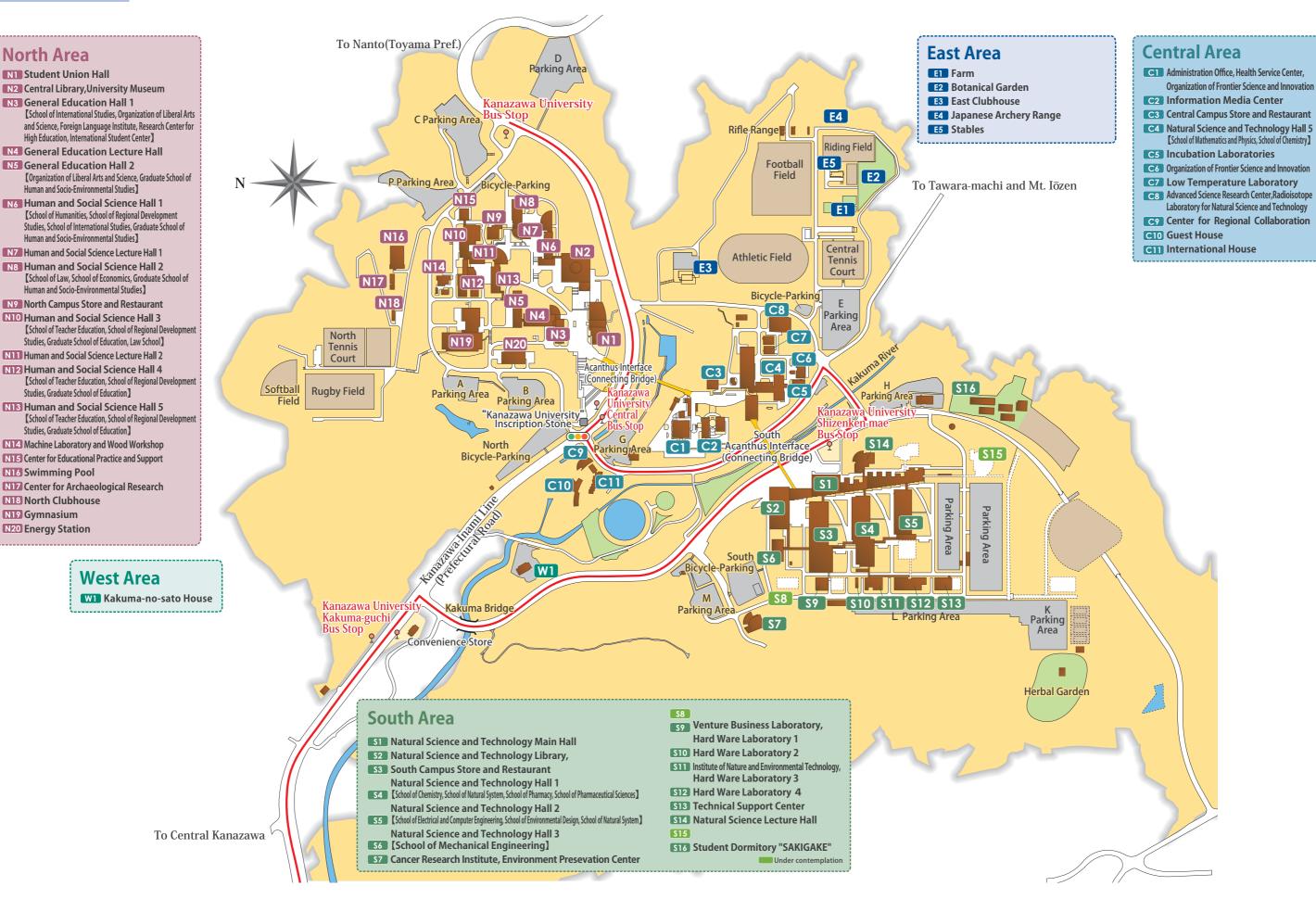
Human and Socio-Environmental Studies

Studies, Graduate School of Education 1

Studies, Graduate School of Education

N16 Swimming Pool

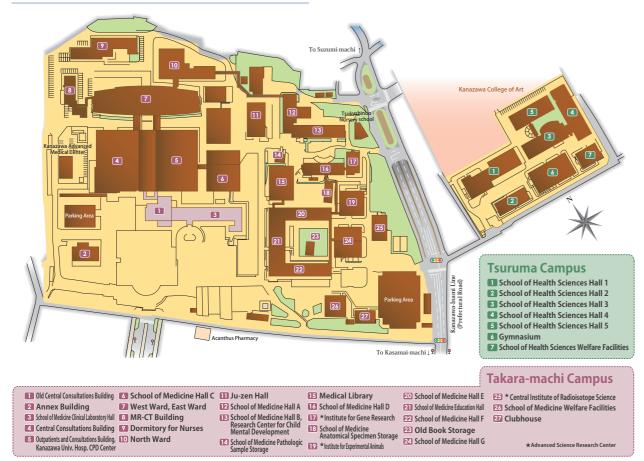
N18 North Clubhouse N19 Gymnasium **N20** Energy Station



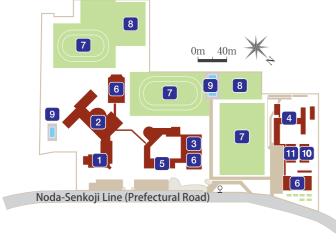
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# Campus Maps

## Takara-machi · Tsuruma Campus



## Heiwa-machi Area



## Heiwa-machi Area **Affiliated Schools**

- 1 Kindergarten 7 Sports Field 2 Elementary School 3 Tennis Court 9 Swimming Pool 4 Senior High School 10 YOHOKAN 5 Administration Office 11 Marshal Arts Hall

# Higashi-Kenroku Area

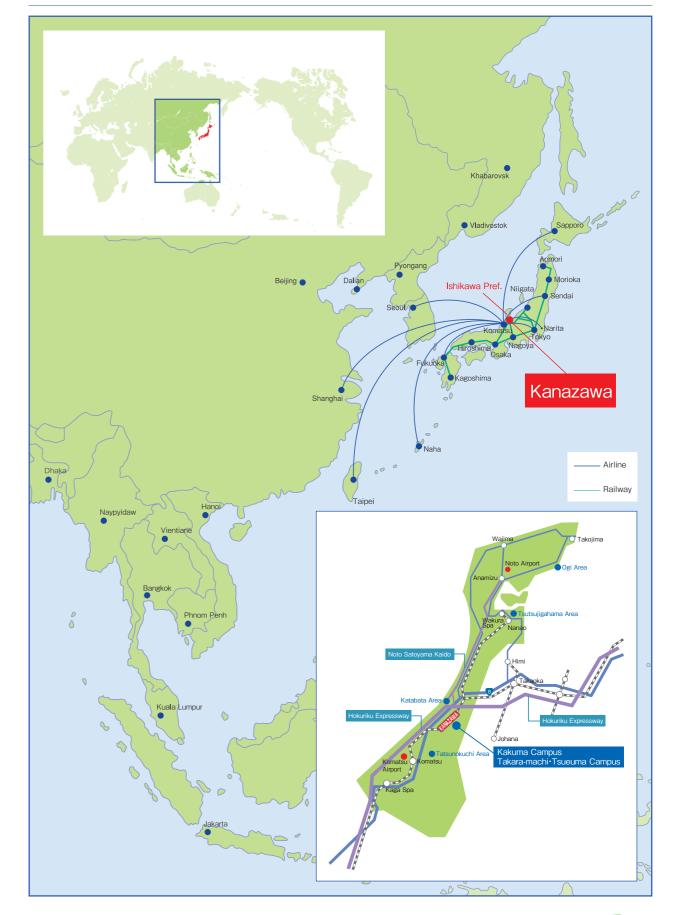


## Higashi-Kenroku Area

- School for Special Needs Education
- 3 Suzukake House(Daily Life Training Facility)
- 4 Physical Ability Training Facility
- 5 Sports Field

# **Campus Locations**

## Location of Ishikawa Pref. and Kanazawa







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http://www.kanazawa-u.ac.jp