

Hokkaido University Guidebook

2015-2016



HOKKAIDO
UNIVERSITY





Let me introduce Hokkaido University to you...

Hokkaido University was founded in 1876 as Sapporo Agricultural College, and was the nation's first institute of higher education to award bachelor's degrees. "Boys, be ambitious!" is what Dr. William S. Clark, the first Vice-Principal, was quoted as saying to his students before leaving Sapporo. This phrase is well-known among Japan's youth and also serves as Hokkaido University's maxim.

Hokkaido University upholds the education and research principles of "Frontier Spirit", "Global Perspectives", "All-round Education", and "Practical Learning" which developed over our 139 year history. Currently, all our faculty members, students, and graduates make a concerted effort to transform the campus into a global base for education and research.

Improvement and Internationalization of Education

Hokkaido University nurtures internationally minded all-rounders by allowing students to acquire expertise and personally develop independently and holistically through general, specialized, and graduate education. Based on this policy, in 2011 we implemented a drastic reform of our entrance examination system. As a result, it became possible for students in our general education classes to pursue studies in the undergraduate faculty of their choice instead of staying in a pre-determined course of study; and allowed for interaction between students as befits a comprehensive institute of higher learning.

In the 2013 fiscal year, Nitobe College, an undergraduate program that supports overseas study was founded; and then in the 2015 fiscal year, the Nitobe School for graduate students was founded to create a classroom environment in which students with different nationalities, languages, cultures and specialist backgrounds can gather to nurture the ability to utilize special skills through intensive team learning activities. In these ways, Hokkaido University is building an advanced human resource development system that can compete in the international arena.

Internationalization of Research

Hokkaido University is strengthening the foundation of education and research by placing an increased emphasis on graduate education. At the same time, we are making our educational and research organizations more efficient by promoting further flexibility in the organizational structure of graduate schools and advancing a faculty and graduate school framework that is aimed at conducting pioneering and interdisciplinary research and education. Through such initiatives, we strive to create new research bases with interdisciplinary projects, provide lectures in foreign languages, and accept competent international students to further our development into a university open to the world and a global center for education and research.

Partnership with Society

Hokkaido University is developing a host of projects intended to enhance public awareness of the University—utilizing our four off-campus offices within and outside Japan as bases to transmit information to the public and promote exchange with local communities, improving our websites and public relations magazines, offering an Open Campus for high school students, organizing Extension Lecture Programs, and improving Open Course Ware, in which course materials are made available to the world.

In addition to further enhancing and utilizing bases for joint projects and research with the Creative Research Institution and the Center for Food and Medical Innovation, from fiscal year 2015, we are stepping up our practical learning through the inauguration of the Institute for the Promotion of Business-Regional Collaboration which is our campus organization that promotes strengthening cooperation with the public by sharing the fruits of our research activities with local communities and industries.

Contributing Towards the Resolution of Global Issues

In 2026, the University will mark its 150th year. As we meet this important anniversary, we recognize anew the need to reprise our role toward society by "Contributing Towards the Resolution of Global Issues" via our "Future Strategy for the 150th Anniversary of Hokkaido University".

We will strive boldly and steadily forward toward University reform based on the first fundamental principle to be made since our founding and our long-term goals.



Keizo Yamaguchi

President of Hokkaido University

...our philosophies are...

Frontier Spirit

Our Frontier Spirit epitomizes the ideal that both students and the academic and administrative staff should take up the challenges of their day and resolutely forge new ways ahead. It has its origins in the words "lofty ambition" uttered by Dr. W. S. Clark during the opening ceremony of the Sapporo Agricultural College. This basic philosophy has resolutely served as the foundation on which Hokkaido University has rested for more than a century.

The twenty-first century frontier spirit manifests itself in our continued expansion of research in response to shifting academic paradigms and the new challenges facing humanity. Based upon firm foundations of academic freedom, Hokkaido University aims to encourage creative research that does not segregate theory from practice, and to promote world-class research to solve problems confronting humankind. We will do so by dramatically improving our research and education functions via the flexible organization of our graduate schools and other networks.

Global Perspectives

From its very start, Sapporo Agricultural College was open to different world-views, introducing western culture, science and technology, and providing English-language lectures by foreign teachers. Ever since then, many of our graduates have played an active role overseas, and our philosophy of acquisition of global perspectives has been passed down in many different forms.

Needless to say, we must cultivate a better understanding of other cultures by enriching our liberal arts education, underpinned with an awareness of our own culture. By improving communication skills in foreign languages, we can also better prepare ourselves for playing a more active role in the global arena. In order for our students and staff to acquire a global perspective and thus contribute to the development of an international society, Hokkaido University seeks to create more opportunities for study and research abroad. We actively encourage the admission of foreign students and researchers, and promote cultural and social interchanges with people in Asia and the northern regions, and throughout the rest of the world.

All-round Education

Sapporo Agricultural College not only trained agricultural experts, but also produced graduates endowed with a rich humanity, a lofty intellect, and a broad range of knowledge. The results can be seen in the succession of outstanding thinkers and literary figures that it produced, including Kanzo Uchimura, Shigetaka Shiga, Inazo Nitobe, and Takeo Arishima. The philosophy of all-round education has been handed down at Hokkaido University through our tradition of emphasizing a liberal arts education as the cornerstone to producing graduates armed with the well-rounded acuity and deep insights they need to apply their specialized knowledge.

To further advance this philosophy, Hokkaido University seeks to promote all-round education that will cultivate a rich humanity and lofty intellect, foster a spirit of freedom and independence, and encourage students to establish an autonomous identity. We believe that such an education that produces graduates who respect human rights and have the basic abilities required to accurately respond to society's needs.

Practical Learning

Our philosophy of emphasizing practical learning acquired a dual significance in the course of the various hardships that Sapporo Agricultural College overcame to develop into today's comprehensive university: Research as the creation of universal learning that is integrated with the real world, and an emphasis not only on basic research but also on returning the fruits of our research to society by placing importance on its practical application. The botanical research conducted by Kingo Miyabe and the research on snow conducted by Ukichiro Nakaya, both carried out in the vast wilderness of Hokkaido, were outstanding examples of research on a familiar topic that lead to universal truths. Much of the research at Hokkaido University is developed in conjunction with regional industries.

Hokkaido University intends to pursue a modern emphasis on practical learning, utilizing absolute truths that are grounded in the real world. By making full use of Hokkaido's unique characteristics and expanding our collaboration with government, industry, and academia, we will give back the fruits of our research to Hokkaido, Japan, and the rest of the world. In addition, Hokkaido University aims to produce leading experts and professionals in our graduate schools, and to enrich our adult education.



Table of Contents

Introduction from the President	01
Philosophy	02
Honor Roll	03
Hokkaido University at a Glance.....	05
Hokkaido Universal Campus Initiative (HUCI).....	07
Office of International Affairs (OIA).....	08
International Offices.....	08
International Student Numbers and Methods of Financial Support.....	08
International Consortia and Symposia	09
International Programs.....	10
International Student Support.....	15
International Activities.....	16
Faculties and Graduate Schools.....	17
Graduate Programs in English.....	30
Research Institutes and Centers.....	31
Educational / Research Programs / Research Activities.....	35
Creative Research Institution.....	37
Institute for the Promotion of Business-Regional Collaboration.....	38
Center for Innovation and Business Promotion.....	38
Center for Food and Medical Innovation.....	39
Office for Enhancing Institutional Capacity.....	39
Partners and Agreements.....	39
Other Campus Centers.....	40
Hokkaido University Hospital.....	41
Hokkaido University Libraries.....	41
Hokkaido University Museum.....	42
Hokkaido University Archives.....	42
Health Care Center.....	42
Archaeological Research Center.....	42
Campus Offices.....	43
Alumni Associations.....	45
Campus Maps.....	46
Contact Information.....	48

* Data Book in back pocket

Nobel Prize

Emeritus Professor Akira Suzuki, who has worked for more than 40 years at Hokkaido University after graduating, won a Nobel Prize in Chemistry in 2010. The prize motivation "palladium-catalyzed cross couplings in organic synthesis" produces a more stable, nontoxic reaction compared with other reactions, and this innovation drastically changed the methodology of organic synthetic chemistry, which serves as a foundation for manufacturing. It also makes a significant contribution to the development and mass production of products that are familiar in our daily life, such as pharmaceutical drugs, pesticides, liquid crystals, and organic light-emitting diodes. This achievement is a precise embodiment of our "practical learning."

Professor Emeritus and University Professor
Akira SUZUKI
Nobel Prize Winner Chemistry 2010



Stockholm Water Prize

The world's most prestigious award for achievements made in areas concerning water and conferred by King Carl XVI Gustaf of Sweden.

Name	Year	Title	Reason
KUBO, Takeshi	1994	School of Engineering Alumnus	Wastewater treatment and planning
ASANO, Takashi	2001	Professor Emeritus	Wastewater reclamation, reuse, and recycling research

Order of Culture Prize

The prestigious Order of Culture Prize was established in 1937. This order is awarded to men and women for contributions to Japan's art, literature, or culture. The order is conferred by the Emperor of Japan in person on Culture Day on November 3 each year.

Name	Year	Title	Reason
MIYABE, Kingo	1946	Professor Emeritus	Botanical study
SUZUKI, Akira	2010	Professor Emeritus	Developing a chemical tool known as palladium-catalyzed cross-couplings for organic boron compounds

Persons of Cultural Merit

The system for Persons of Cultural Merit was established in 1951 by the Law on Pensions for the Persons of Cultural Merit. The purpose is to honor persons of cultural merit by providing a special government-sponsored pension.

Name	Year	Title	Reason
MATSUMURA, Shonen	1954	Professor Emeritus	Entomological study
ITO, Seiya	1959	Professor Emeritus	Phytopathological study of crop diseases and fungi
SAKAMURA, Tetsu	1976	Professor Emeritus	Plant-cell study of wheat chromosome and plant-physiological study of mold
TAKAHASHI, Man-emon	1995	Professor Emeritus	Genetic study of rice
SUZUKI, Akira	2010	Professor Emeritus	Developing a chemical tool known as palladium-catalyzed cross-couplings for organic boron compounds
YAMAGISHI, Toshio	2013	Professor Emeritus	Research on social dilemmas and trust

The Japan Academy Prize

Name	Year	Title	Reason
KON, Yutaka	1934*	Professor of Medicine	Research on silver reaction of cells
KUNUGI, Kinjiro	1939*	Professor of Science	Research on the theory of abstract spaces
HORIUCHI, Juro	1940*	Professor of Science	Theoretical and experimental research on chemical kinetics
NAKAYA, Ukichiro	1941*	Professor of Science	Physical investigations of snow
KAYA, Seiji	1942*	Professor of Science	Magnetic studies of ferromagnetic crystals
SUZUKI, Jun	1949	Professor of Science	Studies on ultrabasic rocks and the ore-deposits accompanying them
MAKINO, Saji	1958	Professor of Science	Studies on chromosomes in animals
FUKUSHI, Teikichi	1958	Professor of Agriculture	Studies on insect transmission of plant virus diseases
NAGAO, Seijin	1965	Professor of Agriculture	Studies on twelve linkage groups in rice
TAKAHASHI, Man-emon	1965	Professor of Agriculture	Studies on twelve linkage groups in rice
FUJITA, Kotatsu	1971	Professor of Letters	Study of early 'Pure Land Buddhism'
ISHIZUKA, Yoshiaki	1975	Professor Emeritus	Nutrio-physiological studies on the rice plant, and application to rice production (joint research)
TANAKA, Akira	1975	Professor of Agriculture	Nutrio-physiological studies on the rice plant, and application to rice production (joint research)
YOKOYAMA, Izumi	1981	Professor of Science	Structure of volcanoes as disclosed by gravity anomaly distribution
BAN, Yoshio	1984	Professor of Pharmacology	Studies of the synthesis of the indole group of alkaloids
SHIKATA, Eishiro	1986	Professor of Agriculture	Studies on plant viruses and viroids
KINOSHITA, Toshiro	1993	Professor of Agriculture	Genetical studies on the interaction between cytoplasmic and nuclear genomes, and the application of these studies to crop breeding
OHTSUKA, Eiko	1996	Professor of Pharmacology	Synthesis and functional studies on nucleic acids: synthetic c-Ha-ras gene and related subjects (joint research)
MATSUNO, Taro	1997	Professor of Environmental Earth Science	Elucidation of atmospheric dynamics in the stratosphere and mesosphere
SUZUKI, Akira	2004	Professor Emeritus	Studies on the development of new synthetic reactions using palladium catalysts (joint research)
KIDA, Hiroshi	2005	Professor of Veterinary Medicine	Studies on the control of influenza: mechanism of emergence of pandemic influenza virus strains in poultry, domestic animals and humans, and molecular basis of the neutralization of viral infectivity with antibodies

Honorary Degree Recipients

Recipient	Date Conferred	Title	Country
LEDERLE, John W.	1963.4.29	15th President, University of Massachusetts	U.S.A.
MATHER, Jean P.	1963.4.29	14th President, University of Massachusetts	U.S.A.
HECKLER, Hermann	1965.3.23	Hokkaido University foreign instructor	Germany
KELLY, Harry C.	1965.7.2	Provost, North Carolina State University	U.S.A.
ROBINSON, Robert	1965.7.2	Director, Shell Chemical Co., 1947 Nobel Prize in Chemistry	U.K.
WOOD, Robert C.	1976.9.15	President, University of Massachusetts	U.S.A.
BROMERY, Randolph W.	1976.9.15	President, University of Massachusetts, Amherst	U.S.A.
BLUMEL, Joseph C.	1976.9.15	4th President, Portland State University	U.S.A.
MAKI, John M.	1976.9.15	Professor, University of Massachusetts	U.S.A.
HELBIG, Herbert	1976.9.15	Professor Emeritus, Free University of Berlin	Germany
DODGE, Robert E.	1976.9.15	Professor, Portland State University	U.S.A.
HESSLAND, Ivar R.	1976.9.15	Professor, Stockholm University	Sweden
KUPCHAN, S. Morris	1976.9.15	Professor, University of Virginia	U.S.A.
BLOCH, Konrad E.	1976.9.15	Professor, Harvard University, 1964 Nobel Prize in Physiology or Medicine	U.S.A.
LOBITZ, Walter C., Jr.	1976.9.15	Professor, University of Oregon Medical School	U.S.A.
SEEVERS, Maurice H.	1976.9.15	Professor Emeritus, University of Michigan	U.S.A.
EMMETT, Paul H.	1976.9.15	Visiting Professor, Portland State University	U.S.A.
DRAKE, Mack	1977.11.3	Professor, University of Massachusetts	U.S.A.
TODD, Alexander R.	1978.3.27	Professor, Cambridge University, Master of Christ's College	U.K.
MELLEN, William J.	1989.7.3	Professor Emeritus, University of Massachusetts	U.S.A.
COREY, Elias J.	1990.9.3	Professor, Harvard University, 1990 Nobel Prize in Chemistry	U.S.A.
KONISHI, Masakazu	1991.8.29	Professor, California Institute of Technology	U.S.A.
BOCKRIS, John O'Mara	1991.9.19	Professor, Texas A & M University	U.S.A.
ASCHOFF, Jurgen W.	1993.8.27	Professor Emeritus, Max Planck Institute for Behavioral Physiology	Germany
KHORANA, Har Gorbind	1993.11.11	Professor Emeritus, Massachusetts Institute of Technology, 1968 Nobel Prize in Physiology or Medicine	U.S.A.
BERN, Howard A.	1994.10.21	Professor Emeritus, University of California, Berkeley	U.S.A.
ALEXANDER, Vera	1999.4.26	Professor, University of Alaska, Fairbanks	U.S.A.
MOHRI, Mamoru	2000.4.17	Director, National Museum of Emerging Science and Innovation	Japan
LEE, Ki-Jun	2000.8.7	President, Seoul National University	Republic of Korea
SCOTT, David K.	2001.2.7	Chancellor, University of Massachusetts, Amherst	U.S.A.
KNAPP, David C.	2001.11.8	President Emeritus, University of Massachusetts	U.S.A.
PARSONS, Timothy R.	2001.11.20	Professor Emeritus, University of British Columbia	Canada
YANAGIMACHI, Ryuzo	2002.1.22	Professor, University of Hawai'i at Manoa, John A. Burns School of Medicine	Japan
ASANO, Takashi	2004.5.25	Professor Emeritus, University of California, Davis	U.S.A.
FANGER, Povl O.	2004.7.16	Professor, Technical University of Denmark	Denmark
MARSHALL, Barry J.	2006.3.15	Honorary Clinical Professor, University of Western Australia, 2005 Nobel Prize in Physiology or Medicine	Australia
MATSUDA, Masatake	2009.3.10	Director Advisor, East Japan Railway Co., President Emeritus, Hokkaido University Federation of Alumni Association	Japan
YUNUS, Muhammad	2009.9.29	Managing Director, Grameen Bank, 2006 Nobel Peace Prize	Bangladesh
LEE, Jang Moo	2011.10.17	President Emeritus, Seoul National University	Republic of Korea

12 UNDERGRADUATE SCHOOLS

Letters	Est. 4. 1950
Law	Est. 8. 1953
Economics and Business Administration	Est. 8. 1953
Education	Est. 5. 1949

Medicine	Est. 2. 1919
Dental Medicine	Est. 6. 1967
Veterinary Medicine	Est. 4. 1952
Pharmaceutical Sciences and Pharmacy	Est. 4. 1965
Fisheries Sciences	Est. 5. 1949
Agriculture	Est. 2. 1919
Engineering	Est. 9. 1924
Science	Est. 4. 1930

Central Library	Est. 12. 1876
-----------------	---------------

18 GRADUATE SCHOOLS

Letters	Est. 4. 1953
Law	Est. 4. 1953
Economics and Business Administration	Est. 4. 1953
Education	Est. 4. 2007

International Media, Communication, and Tourism Studies / Research Faculty of Media and Communication	Est. 4. 2007
Public Policy	Est. 4. 2005

Medicine	Est. 4. 1955
Dental Medicine	Est. 4. 1974
Veterinary Medicine	Est. 4. 1953
Health Sciences	Est. 4. 2008

Information Science and Technology	Est. 4. 2004
Fisheries Sciences	Est. 4. 2005
Environmental Science / Environmental Earth Science	Est. 4. 2005
Science	Est. 4. 2006
Agriculture	Est. 4. 2006
Life Science	Est. 4. 2006
Engineering	Est. 4. 2010
Chemical Sciences and Engineering	Est. 4. 2010

Research Institutes

Institute of Low Temperature Science*	Est. 11. 1941
Research Institute for Electronic Science*	Est. 4. 1992
Institute for Genetic Medicine*	Est. 4. 2000
Institute for Catalysis*	Est. 5. 1989

Research Centers

Slavic-Eurasian Research Center*	Est. 6. 1990
Information Initiative Center*	Est. 4. 2003
Research Center for Zoonosis Control*	Est. 4. 2005

Joint-Usage Facilities

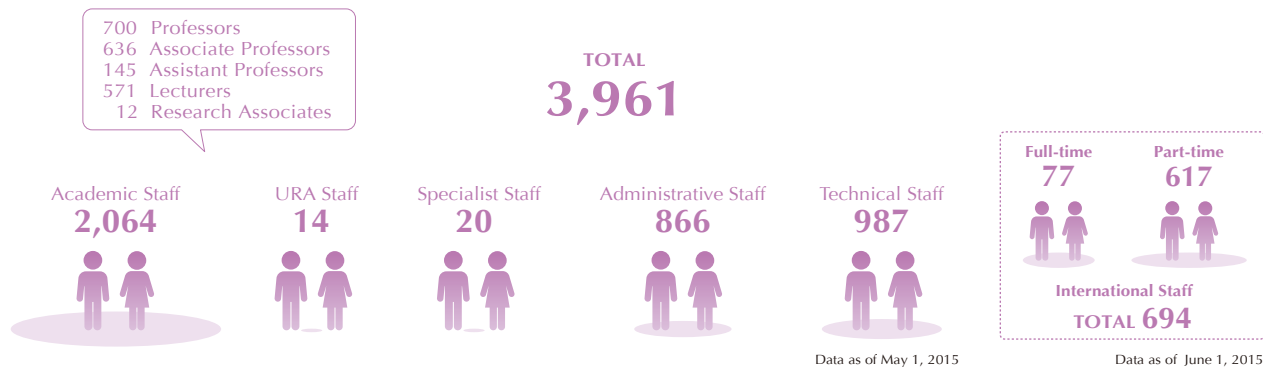
Central Institute of Isotope Science	Est. 4. 1978
Research Center for Integrated Quantum Electronics	Est. 4. 2001
Field Science Center for Northern Biosphere	Est. 4. 2001
Center for Advanced Tourism Studies	Est. 4. 2006
Center for Ainu and Indigenous Studies	Est. 4. 2007
Center for Experimental Research in Social Sciences	Est. 4. 2007
Center for Environmental and Health Sciences	Est. 4. 2010
Arctic Research Center	Est. 4. 2015

Research and Education Center for Brain Science	Est. 9. 2003
Center for Language Learning	Est. 4. 2007
Center for Sustainability Science	Est. 4. 2008
Hokkaido University Museum	Est. 4. 1999
Hokkaido University Archives	Est. 5. 2005
Health Care Center	Est. 5. 1972
Archaeological Research Center	Est. 4. 2015

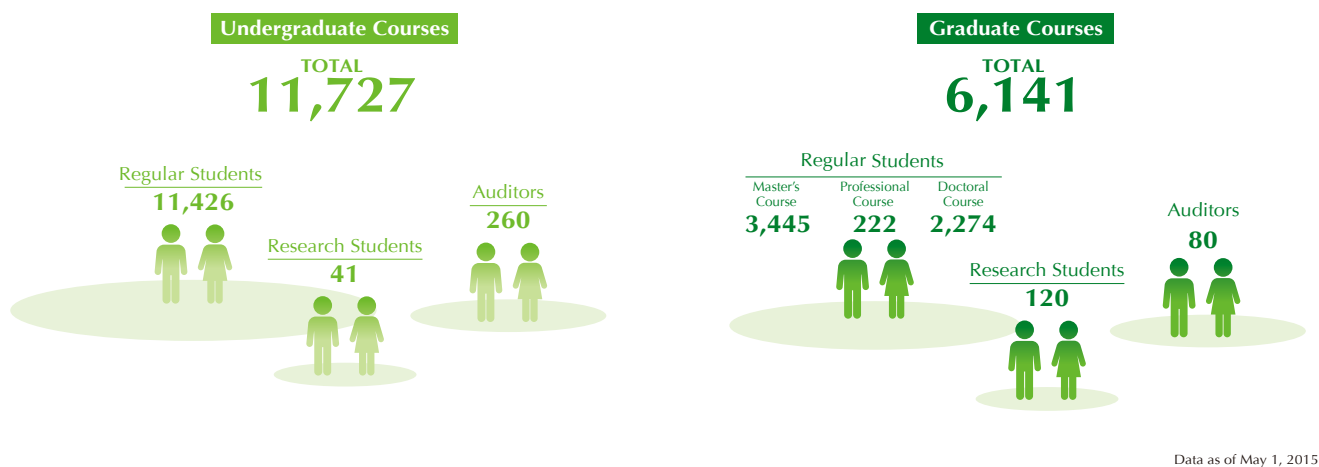
Global Institution for Collaborative Research and Education (GI-CoRE)	Est. 4. 2014
---	--------------

*Denotes joint usage research centers **Denotes joint usage educational facilities

Staff Numbers

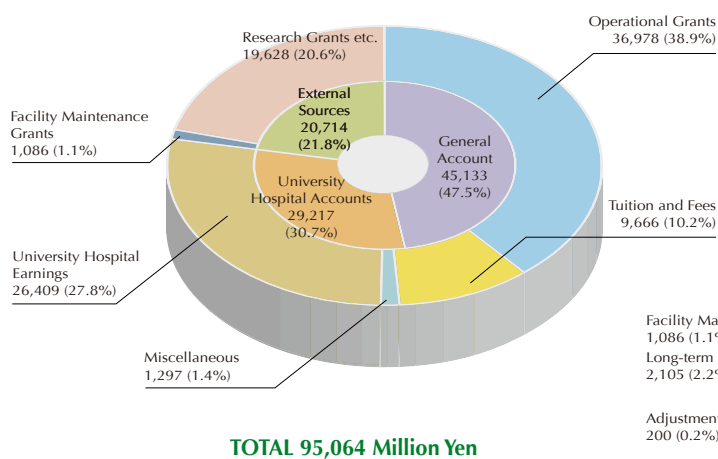


Student Numbers

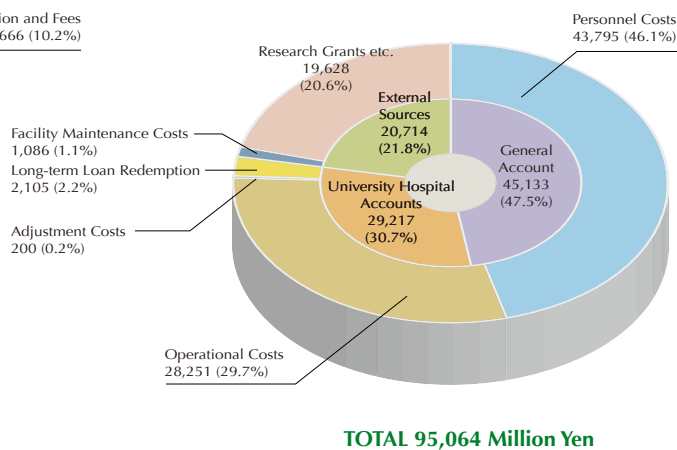


University Revenue and Expenditure

Revenue Budget for Fiscal Year 2015



Expenditure Budget for Fiscal Year 2015



*The accounting classifications within the inner circles and the item classifications within the outer circles do not necessarily correspond to each other.

07 Hokkaido Universal Campus Initiative

Hokkaido ユニバーサルキャンパス・イニシアチブ

Hokkaido Universal Campus Initiative (HUCI) - Collaborate with the World

Hokkaido University's future vision for the Top Global University project is to improve our worldwide competitiveness so we can increase our research and education resources, and to gain a reputation as a university that contributes to the resolution of global issues.

As we approach our 150th Anniversary in 2026, Hokkaido University has developed a strategy for university reform that spearheads the vision, "HU for the resolution of global issues." HUCI is a project implemented under this strategy. Based on the University's strengths and characteristics, HUCI is establishing "Universal Campuses," as a framework to offer education in various parts of the world in collaboration with universities and research institutions that have achieved remarkable outcomes for the resolution of global issues. HUCI also reaches out to researchers that have demonstrated outstanding leadership. The backbone of HUCI is the "1-4-4 Reform Plan." This means one plan to reinforce governance, four educational reform plans, and four system reform plans.

An Overview of the Top Global University Project

The Japanese Ministry of Education, Culture, Sports, Science & Technology selected Hokkaido University's HUCI as one of thirteen universities chosen for its Type A Top Global University Project.

The project gives financial aid to the Japanese universities selected from 2014 to 2024 with the aim to enhance international compatibility and competitiveness by accelerating the internationalization of the educational system of Japanese universities.

Type A is for world-class universities that have the potential to be ranked in the top 100 in world university rankings.



1 Governance Reform Plan

Office for HUCI, Resource Distribution Scheme, IR, New Vice Presidents & Advisors

4 Education Reform Plans

NITOBE College & School	NITOBE College, NITOBE School, Active Learning
Trans-disciplinary Graduate Schools and Programs	New Graduate Schools, Undergraduate programs in English
Learning Satellite	Education in various parts of the world
Hokkaido Summer Institute	Education with Partners in Hokkaido

4 Support System Reform Plans

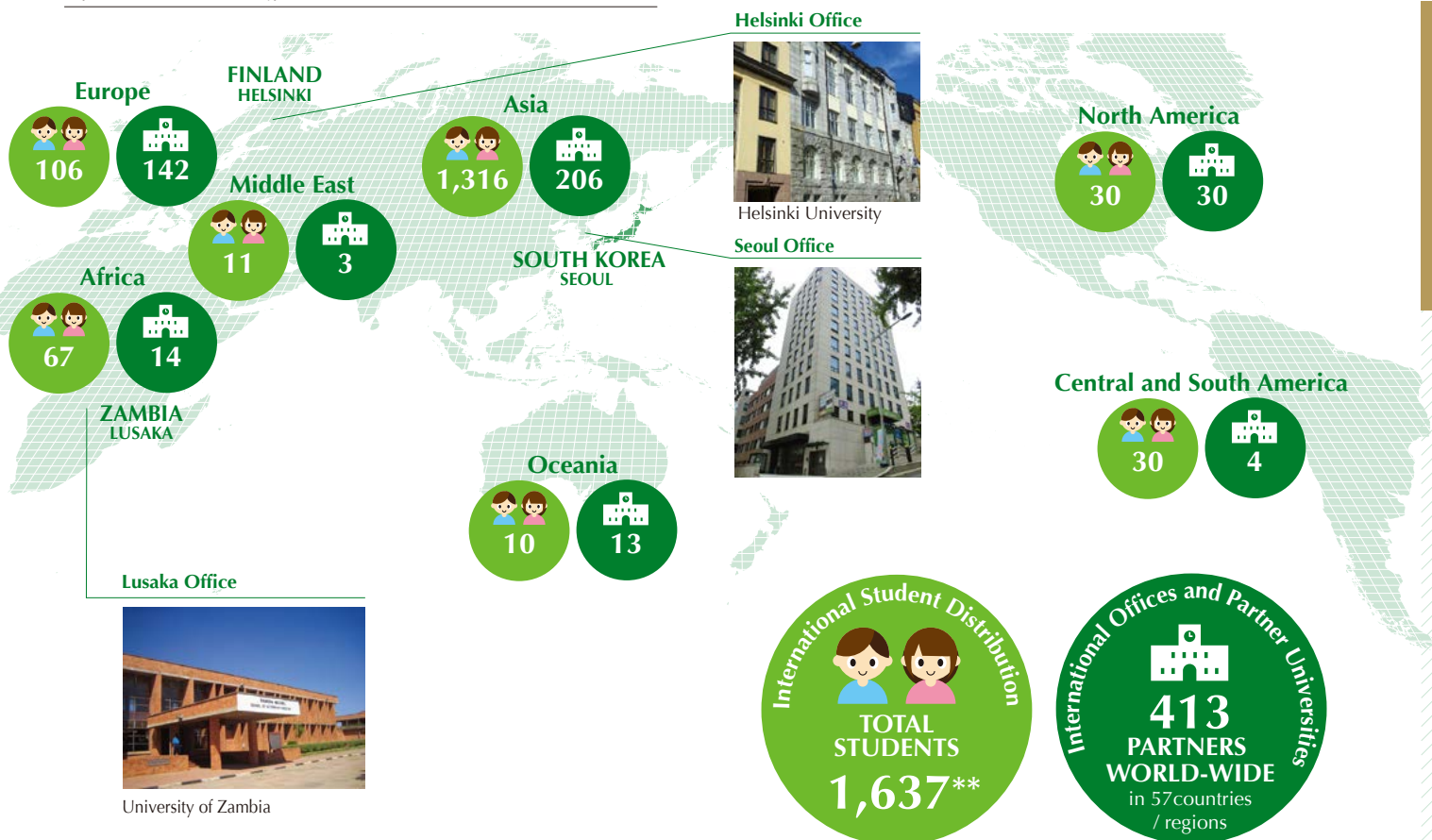
Education Management	IR, Quarter system, New GPA system
Int'l Personnel System	Annual Salary Scheme, New Inviting System, Cross Appointment
Personnel Capacity Building	New Teaching Material, SD / FD Training, TA / TF
Enhance Global PR	Network Building, PR in Various languages

HU Communities (Ambassadors, Partners, Alumni)

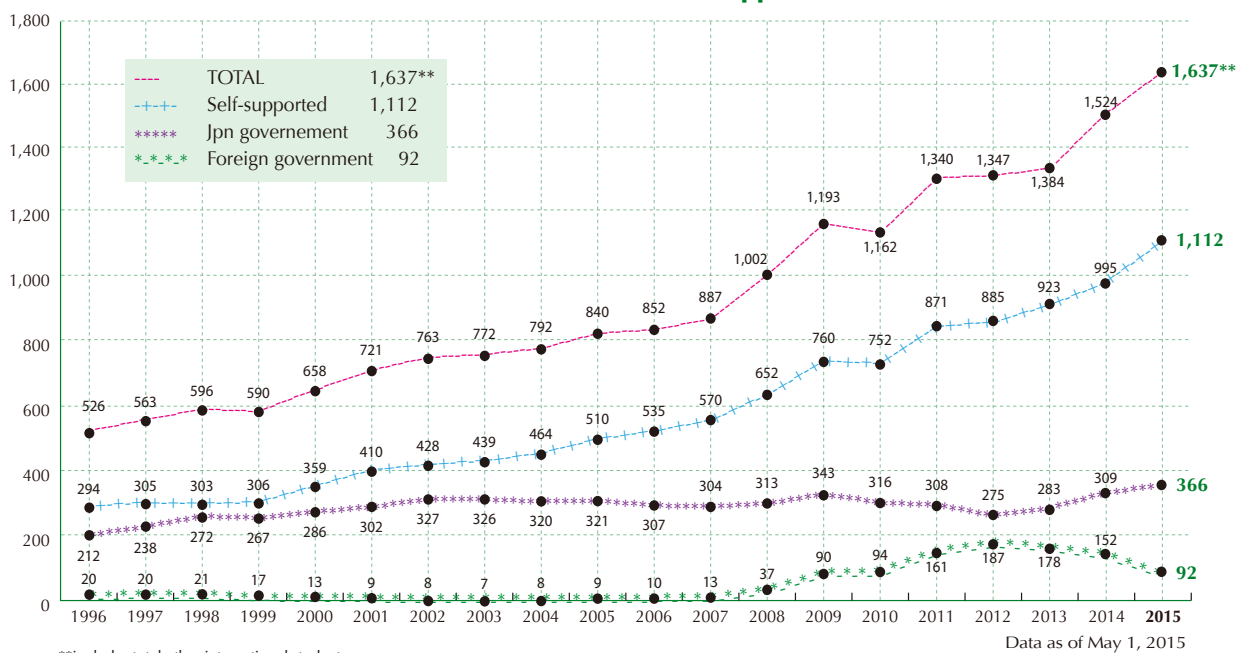
国際本部 Office of International Affairs

In 2010, Hokkaido University launched the Office of International Affairs (OIA) in an organizational restructuring effort designed to further promote internationalization in education and research. The OIA is now centrally located in the Sapporo campus for easy access to information and guidance on a wide variety of issues that were previously separate in location and authority. The OIA's overall goal is to improve the international mobility of faculty members and students, to secure outstanding students and researchers from abroad, and to encourage mobility amongst Japanese students to overseas institutions.

<http://www.oia.hokudai.ac.jp/international-affairs/office-of-international-affairs/>



International Student Numbers & Methods of Financial Support 1996-2015



**includes total other international students

09 International Consortia and Symposia

... we collaborate and learn from each other.

International Consortia

Name	Number of Members / Countries	Type	Joined
International Antarctic Institute	18 Institutions from 13 Countries	Academic, Student Exchange	July 8, 2006
Canada-Japan Strategic Student Exchange Program	Bilaterally 29 Institutions 15 from Japan, 14 from Canada	Student Exchange	December 8, 2006
ProSPER.Net (The network for the Promotion of Sustainability in Postgraduate Education and Research)	30 Institutions from 12 Countries / Regions	Academic, Student Exchange	June 21, 2008
France-Japan-Vietnam Network in Singularity Theory	Trilaterally 11 Institutions 4 from Japan, 6 from Italy, 1 from Vietnam	Academic, Student Exchange	January 1, 2011
University of the Arctic	165 Institutions from 15 Countries	Academic, Student Exchange	June 8, 2011

International Symposia

Throughout the year, the University hosts a wide-variety of symposia to allow our faculty and students to interact with our counterpart universities all over the world. This active involvement allows us to strengthen our academic ties, and gives our students the opportunity to gain exposure in academia. Below are two examples of our international symposia.

Hokkaido University - Seoul National University Joint Symposium

Since 1998, Hokkaido University has held an annual joint symposium with Seoul National University on a reciprocal basis to commemorate the conclusion of an Inter-University Exchange Agreement in 1997.



Hokkaido University - Finnish Universities Joint Symposium

This annual symposium began in 2011 and introduces the latest outcomes of joint research programs as well as international programs to train young researchers on environmental and other issues in the northern regions. It is also a forum for discussion on the continuation of joint research programs and the feasibility of research plans.



Outbound Program Data

We're going places...

42 2014 / 2015
Exchange Program Participant
Numbers

49 countries /regions
and **215** universities students
can choose from for student exchange

239 2014 / 2015
Summer / Spring
Program Participant Numbers

Student Exchange Programs (with partner universities)

Students of Hokkaido University have the chance to study abroad where there is an agreement in place with a partner university be it university-wide or inter-departmental. (In the case of inter-departmental agreements, the student must be enrolled in the department or faculty which has the agreement to be able to participate in the program.)

In these programs, the participant only has to pay student fees to Hokkaido University and there is no need to pay fees to the overseas host institution whilst abroad. In addition, any credits earned at the host institution may be transferable to the student's degree at Hokkaido University. For these programs, there are three types of scholarships available.

- 1 JASSO Student Exchange Support Scholarship (Short-term)
- 2 Hokkaido University / Nitori Overseas Exchange Scholarship
- 3 Hokkaido University Clark Memorial Foundation Scholarship

Short-term Programs (Summer Programs / Spring Programs)

Just as the name suggests, students can use their summer or spring break to take part in these short term programs hosted by some of our partner institutions.

In 2014, students went to the following countries and universities:

- **Australia** (University of New South Wales)
- **Republic of Korea** (Chungnam National University, Chonbuk National University)
- **Estonia** (University of Tartu)
- **Spain** (University of Alcalá)
- **New Zealand** (The University of Auckland)
- **U.S.A.** (University of Hawai'i at Manoa, Portland State University, Arizona State University)

In these extremely enriching programs, students get to learn both language and culture in the country of their choice. From 2010, the Spring and Summer programs are part of the Foreign Language curriculum (Title : Short-term Language Study Overseas). Students who complete this program can receive credits that count toward their Hokkaido University degree upon returning home. In addition, there are scholarships available and students can also choose languages other than English, Spanish, or Korean if they wish.



Overseas Short-term Special Programs on Global Leadership

These programs, in collaboration with our sister universities and associated institutions, are designed to foster skills desirable for future global leaders. Program objectives vary depending on the specialization, historical / cultural backgrounds and availability of resources of each collaborative institution, but all students are challenged to fully experience the meaning of what a global community is by working to form contacts with local peers. Understanding and acquiring basic knowledge in population and community dynamics and in sustainable development are areas which we believe will prepare students for global society. Although the programs are primarily designed with Nitobe College students in mind as part of their required overseas studies, other students are eligible to participate depending on availability.

Below is a partial list of our international locales. Contact the Nitobe College Office for the most updated information.

- 1 **Canada** (University of British Columbia)
- 2 **Finland** (University of Oulu, University of Turku)
- 3 **India** (University of Delhi)
- 4 **New Zealand** (University of Auckland)
- 5 **Philippines** (De La Salle University)
- 6 **Sri Lanka** (University of Peradeniya)
- 7 **Switzerland** (University of Geneva)
- 8 **Taiwan** (Taipei Medical University)
- 9 **Thailand** (Mahidol University, Kasetsart University)
- 10 **UK** (University of Warwick)
- 11 **U.S.A.** (University of Alaska, University of Washington, Oregon State University)

11 International Outbound Programs

Nitobe College

Nitobe College, a special education program for undergraduate students enrolled in our 12 undergraduate schools, was established in 2013. Only applicants with a high level of English ability are admitted to the program. Students take 15 credits from the Nitobe College curriculum in addition to the standard University bachelor's degree. Students who complete the program receive a special diploma.

Objectives

To cultivate proud leaders who thrive in international society and possess the following skills: English proficiency as a global communication tool; team-working and problem-solving competency for the global era; and the ability to become a leader in the international community.

Overseas Study

An overseas study element is an integral part of the Nitobe experience, and Nitobe College students must spend one semester, or multiple short-term programs studying abroad. For student exchange programs with partner universities and short-term programs, there are scholarships available exclusively for Nitobe College students.

•Hokkaido University Frontier Foundation, Nitobe College Overseas Study Scholarship



Inazo Nitobe

The College is named after one of our most notable alumni, Inazo Nitobe, who was the author of the well-known book, *Bushido: the Soul of Japan*, and one of the first under-secretary generals of the League of Nations (the forerunner of the United Nations).

Unique Subjects

■ Practical English for Overseas Education

The objectives of this course are to acquire academic skills needed to study abroad and to improve communication skills in English.

■ Arts and Science Courses in English

These courses allow undergraduate students to study with international students (from countries other than Japan), and aims to encourage international and Japanese students to interact and develop mutual relationships, to become aware of different views and values, and be able to provide mutual support.

■ Specialized Subjects Given in English

These courses are designed to teach specialized subjects in English.

■ Experience-based Training (Fieldwork Seminars)

This course is designed for students in their first year and is comprised of a variety of field training activities.

■ Co-learning in Multicultural Classrooms

This course cultivates problem-solving skills through multicultural interaction in Japanese for international and Japanese students.

■ Japanese Culture and Society

These courses are designed to develop student awareness of what it means to be Japanese in the world today.

■ Nitobe Seminar

These seminars are designed to promote the career development and to encourage as Nitobe College students through understanding Inazo Nitobe and lectures by Nitobe Fellows.

■ Volunteer and Internship Experiences

These courses offer students opportunities to understand the importance of working with a strong sense of responsibility as well as to realize what issues are worth pursuing in a multicultural society.

Nitobe Fellows

Collaboration with the Hokkaido University Alumni Associations

Nitobe Fellows are alumni of the University who have reached the top of their respective professions. They provide career support and advice to Nitobe College students.

<http://nitobe-college.academic.hokudai.ac.jp/en/>



Nitobe School

The Nitobe School is a special graduate education program which was started in FY 2015. The purpose of the program is to foster human resources who are able to foresee, find, and resolve a wide variety of issues that occur in global society. The Nitobe School aims to foster persons who can contribute to the creation of new values to society, while also developing highly skilled persons with a frontier spirit. Together with students of diverse nationalities, languages, and expertise, students will undergo thorough team learning programs, English proficiency strengthening, application of learning portfolios, and mentoring from graduates who are currently active in society to develop the “3+1” Competencies.

The “3+1” Competencies Cultivated by the Nitobe School

- 1 Competency in Continuous Personal Development:**
Competency in understanding one's abilities and continuous personal development
- 2 Competency in Team Organization and Management:**
Competency in team building mutual trust and working in cooperation with others
- 3 Giving Back to Society:**
Competency to contribute to society as a specialist
- 4 Professional Ethics:**
Sense of ethics that enables impartial and fair decisions to be made as a professional



Class style centered on active learning based on team learning

Global Career Design (First Step Program: FSP)

Global Career Design (a.k.a., the First Step Program: FSP) in the general education requirements, is a credited two-week program comprised of three major components:

- Student exchange activities at partner institutions
- Familiarization with global business development
- Familiarization with international cooperation

The student exchange component allows participants to not only broaden their outlook of higher education as they participate in lectures at Hokkaido University's partner universities, but also hone their language and communication and group work skills through this and the presentation they give to their counterparts in English.



Discussion with researchers at Oxford University, UK

The next component serves to initiate Hokkaido University students to the range of opportunity beyond the University. Contact with businesses that are active in the global arena is requisite to understanding global networks and the international community. It is during this segment that students gain insight through in-depth discussions with professionals.

The third component, international cooperation, further develops understanding of global networks and allows students the opportunity to view first-hand one of the ways that Japan is active as a member of the international community.

Hokkaido University encourages our students to “be ambitious” and FSP supports this by offering destinations in various countries in 2015-2016.



Student exchange activity at National Vietnam University in Vietnam



Visiting a rural village in Zambia

Modern Japanese Studies Program

The Modern Japanese Studies Program (MJSP) is a four-year bachelor's degree program, preceded by a six-month Intensive Japanese Course for students without sufficient Japanese to enter the bachelor's degree program directly. MJSP gives a comprehensive education in the language and society of Japan.

The program has four main characteristics:

- Intensive study of the Japanese language—students should be completely fluent on graduation;
- The study of Japan in four main academic disciplines—history, cultural studies, sociology and political economy;
- Co-learning with Japanese students—students will take many classes with their Japanese peers; and
- A curriculum that allows students to discover their own Japan from the unique and multicultural vantage point of Japan's northernmost island.

There are two modules to choose from: History / Culture and Society / Political Economy. One becomes the major and the other the minor. In the first two to three years, these subjects are taught in English by an international team of educators with world-class research profiles. Once students have sufficient Japanese, they may take courses in Japanese in the faculties of Law, Letters, Education, and Economics and Business Administration, too.



- Program Details
- Degree Title: Bachelor's Degree (Arts & Sciences)
 - Program Length: 4 years (4.5 years including the Intensive Japanese Course)
 - Starting Date: October (Intensive Japanese Course+Bachelor's Degree program), April (Bachelor's Degree program only)
 - Number of Students: 20 per year



Intensive Japanese Course from October 2015	1st year from April 2016	2nd year from April 2017	3rd year from April 2018	4th year from April 2019
Intensive Japanese language education. • Reach Japanese Language Proficiency Test level N4	Intensive Japanese language education. • Reach JLPT level N3 or N2 General education courses and introductory courses in Japanese studies.	Intensive Japanese language education. • Reach JLPT level N2 or N1 General education courses and introductory courses in Japanese studies.	Academic and business Japanese. • Reach JLPT level N1 Major/minor subjects in English and Japanese. Optional internship and/or study abroad.	Using Japanese as the main language of education. Major / minor subjects mainly in Japanese. Graduation thesis in English or Japanese.
MJSP Scholarship Program				
Enrollment and tuition fees will be waived for the Intensive Japanese Course.	Enrollment and tuition fees will be waived for the first year.	In the second year and thereafter, all or half of the tuition fees will be waived for selected students based on academic performance. *Waivers will not be available to all students.		

Hokkaido University has a scholarship program (Modern Japanese Studies Program Scholarship Program) for students participating in the Modern Japanese Studies Program.

mjsp@oia.hokudai.ac.jp <http://www.oia.hokudai.ac.jp/mjsp/>

HUSTEP

The Hokkaido University Short-Term Exchange Program (HUSTEP) is designed to provide students from partner universities with the opportunity to study for either six months or one academic year at Hokkaido University. Participants in this program take a wide variety of courses offered in English in the fields of culture and society, environment, and science and technology. In addition, participants for the full year can pursue independent study research under the guidance of a faculty member. Students also have the chance to study the Japanese language. The program includes the opportunity to take part in numerous traditional and contemporary Japanese cultural activities. Students admitted to the program are eligible to apply for a scholarship.

rkouryu@oia.hokudai.ac.jp

<http://www.oia.hokudai.ac.jp/hustep>



Japanese Language and Culture Studies Program

The Japanese Language and Culture Studies Program is a 'junior year abroad' type program for undergraduates majoring in Japanese language and culture that provide students with the opportunity to study for either six months from April to October * or for one academic year from October every year. The program originated as a Ministry of Education, Culture, Sports, Science and Technology in Japan (MEXT) scholarship program for Japanese studies

This program is open to Hokkaido University's inter-university partners as well as MEXT scholarship students from around the world, and leads amongst Japanese language programs in Japan with its long history of catering to different skill levels from intermediate to advanced to meet a variety of needs. Participants are immersed in language, culture, and societal studies including business Japanese that serve to deepen their understanding of Japan and improve their Japanese proficiency to enable them to interact with Japanese speakers. The program also allows for participants to make the most of their undergraduate years through an independent study component that aids in the achievement of each individual's academic goals.

* Half-year course from October also available

rkouryu@oia.hokudai.ac.jp

<http://www.oia.hokudai.ac.jp/jlcsp>



One of the missions of the Office of International Affairs (OIA) is to create a multicultural environment conducive to the personal and professional development for all members of the University community. Consistent with this mission, the OIA strives to provide support to international students, researchers, and faculty. The OIA specializes in providing the following services :



Psychological Support / Counseling Services

Living abroad can be very stressful. The OIA provides counseling services to international students and scholars. To meet the unique needs of international students, counseling sessions deal with a wide range of issues including psychological, interpersonal and cultural adjustment problems, career and academic concerns, and any other difficulties that international students may encounter. Psychiatric consultation is also available at the Health Care Center, which can be provided with interpretation by the OIA counselor.

Daily Life

For newly arriving international students, Student Supporters help new students get settled, including opening a bank account, moving into a dormitory, and obtaining national health insurance. Staff at the Support Desk answer any questions about day-to-day matters, and the OIA provides an orientation for international students immediately after their arrival to Japan covering what to expect in their daily lives and information to help them adjust to Japanese society. The OIA publishes handbooks for international students and scholars and regularly imparts useful information concerning academic affairs, events, and workshops as well as our bi-monthly mailouts for international students known as the OIA Bulletin News. We also assist international students and scholars with immigration-related paperwork such as the application for Certificate of Eligibility, re-entry permits, and visa extensions.



Earthquake room

Crisis Response

Given the March 2011 disaster in the Tohoku region, the OIA recognizes the importance of crisis response and disaster preparedness. The OIA conducts a tour to the local Disaster Prevention Center as well as holds regular drills at the University dormitories. Information to help international students and researchers learn how to protect themselves and their families in case of disaster is also available.

Dormitory and Guaranty System for International Students' Rental Housing

Due to the recent rapid increase in the number of international students at Hokkaido University, we have improved and expanded accommodation facilities for students and foreign researchers—singles and families — in order to better acclimatize them to living in Japan so they will be able to devote themselves to their studies and research in a short period of time.

Data from May 2015 shows that Hokkaido University provided dormitory living to 46% to all of its international students (723 of a total of 1,570)—a figure much higher than other national universities of a similar scale. In addition, the OIA manages several international houses and offers a Guaranty System for international students who choose to rent accommodation privately.

Dormitories : skshien@oia.hokudai.ac.jp

Guaranty System for International Students' Rental Housing : rss@oia.hokudai.ac.jp

<http://www.oia.hokudai.ac.jp/prospective-students/accommodation/>



Financial Aid

Hokkaido University offers two scholarships for excellent self-supported international students: the President's Fellowship, and the Special Grant Program for International Students.

The OIA also assists international students in applying for scholarships offered by various institutions and organizations. Additionally, the Seki Michiko Support Fund is available for international students who experience severe economic hardship due to unexpected or unfortunate events such as illness. Short-term loans are also available to international students to cover any unexpected emergencies.

Career Support

For those who plan to obtain employment in Japan after graduating, the International Student Center (ISC) offers a Business Japanese class. The OIA also maintains a strong working alliance with the Career Center in planning career workshops and providing career-related information for international students. Additionally, the Career Support Network for international student support provides employment related postings for registered students.



■ Sawakai (Tea Party)

Sawakai offers international and Japanese Hokudai students and researchers the opportunity to meet in an informal atmosphere and enjoy tea and sweets while discussing a monthly theme at the OIA.

国立ひだか青少年自然の家



■ Holiday in Hidaka

HU international students go to Hidaka and engage in activities with the community. Held in July.



■ Zen Zemi (Zen Seminar)

Offered twice a year in spring and autumn in Takikawa, Hokkaido at Koozen Temple, this increasingly popular program offers the opportunity for international and Japanese students to broaden their personal and intercultural understanding through group discussions, competitions, meditation sessions, and other cultural experiences.

■ Language Corner

Every Friday, HU students pair up to speak in their non-native language in the relaxed environment of Language Corner.

For more information, contact: event@oia.hokudai.ac.jp

... for a year that balances study and relaxation...



April : Entrance ceremony



Central Lawn

Early April :
First semester begins



June : Hokkaido University Festival



Oct.~Nov. : Sustainability Weeks



Ono Pond



Ginkgo Avenue



Feb. : Welcome and Farewell Party
for International Students



March :
Entrance exam results announced

17 Faculties and Graduate Schools

... while you explore diverse fields...

文学研究科・文学部

Graduate School of Letters / Faculty of Letters

Broadly educated faculty members of the Graduate School of Letters and the Faculty of Letters help students build well-rounded characters, and use the wealth of their professional knowledge to assist students with their studies. Our mission is to assist graduates and undergraduates in developing holistic perspectives and acquiring the sound judgment necessary to understand the meaning of the physical world. In particular, the Faculty of Letters helps undergraduates acquire effective verbal skills, including foreign language skills, and learn to comprehensively understand human nature.

<http://www.let.hokudai.ac.jp/en/>

Graduate School

Philosophy and Cultural Sciences

- Philosophy
- Ethics and Applied Ethics
- Religious Studies and Indian Philosophy
- Theory and History of Arts

History and Area Studies

- Japanese History
- Asian History
- Occidental History
- History and Anthropology
- Northern Culture Studies
- Slavic Studies*

Linguistics and Literature

- Linguistics and Western Languages
- Western Literature
- Linguistic Sciences
- Japanology
- Sinology
- Filmology and Cultural Studies of Representation

Human Sciences

- Psychology
- Behavioral Science
- Sociology
- Regional Sciences

Undergraduate School

Humanities and Human Sciences

- Philosophy and Cultural Sciences
- History and Anthropology
- Linguistics and Literature
- Human Sciences



法学研究科・法学部

Graduate School of Law / School of Law



The mission of the Graduate School of Law is to develop the next generation of talented legal educators and academics; to develop business persons with sophisticated professional knowledge; and to nurture legal professionals with sophisticated legal knowledge and broad perspectives. The mission of the School of Law is to help undergraduates acquire the basic skills necessary to deal with complex, diverse social issues and to help them develop leadership skills based on well-rounded characters and intellectual sensibility. Both schools offer a broad and diverse range of curricula.

<http://www.juris.hokudai.ac.jp/english/index.html>

Graduate School

Law and Political Studies

- Modern Law
- Interdisciplinary Legal Studies
- Political Studies
- Advanced Institute for Law and Politics*

Attached Facilities

- The Advanced Institute for Law and Politics

Legal Practice

- Private Law
- Public Law

Undergraduate School

Law

- Public Law
- Private Law
- Criminal Law
- Social Law
- Interdisciplinary Legal Studies
- Political Studies

* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory ***indicates a collaborative program/chair/body

経済学研究科・経済学部

Graduate School of Economics and Business Administration /
School of Economics and Business Administration

The mission of the Graduate School of Economics and Business Administration is to develop world-class scholars of economics and business administration and to nurture talented business professionals with extensive knowledge in economics and business administration as well as in closely related sciences. The mission of the School of Economics and Business Administration is to help undergraduates develop the leadership skills necessary to achieve innovation and ingenuity with a sense of mission and passion, and to help them achieve intellectual maturity that enables them to use professional knowledge and social ethics to deal with social issues. Both schools offer curricula that meet the needs of highly motivated students.

<http://www.econ.hokudai.ac.jp/en08/>

Graduate School

Modern Economics and Management

- Economic Analysis
- Social and Historical Economics
- Economic Policy
- Management Analysis

Accounting

- Accounting

Undergraduate School

Economics

- Economic Theory
- Economic History
- Applied Economics

Business Administration

- Business Administration
- Management Information



教育学院・教育学研究院・教育学部

Graduate School of Education / Faculty of Education / School of Education



The mission of the Graduate School of Education, the Faculty of Education, and the School of Education is to develop researchers who pursue practical research to establish new education philosophies and systems and resolve wide-ranging educational issues; to develop education professionals with highly specialized academic and practical knowledge and skills; and to develop educators with well-rounded characters who can adopt innovative theories to effectively address issues concerning education.

http://www.edu.hokudai.ac.jp/index_e.html

Graduate School

Education

- Pedagogical Foundations of Education
- Life-long Learning
- Educational Social Sciences
- Educational Psychology
- Clinical Psychology
- Health Education
- Physical Education
- Multicultural Education

Undergraduate School

Education

- Psychology of Education
- Social Sciences of Education
- Pedagogical Foundations of Education
- Science of Health and Physical Education

Faculty (Research)

Education

- Human Developmental Sciences
- Educational and Social Developmental Studies

Attached Facilities

- Research and Clinical Center for Child Development

19 Faculties and Graduate Schools

国際広報メディア・観光学院・メディア・コミュニケーション研究院

Graduate School of International Media, Communication, and Tourism Studies / Research Faculty of Media and Communication

The mission of the Graduate School of International Media, Communication, and Tourism Studies and the Research Faculty of Media and Communication is to nurture researchers and business professionals who have the professional expertise in public relations, journalism, media culture, verbal communication, and tourism necessary to effectively address changes and issues in today's society and to become prominent players in the local and international arenas.

<http://www.imc.hokudai.ac.jp/en/>

Graduate School

International Media and Communication

- Public Communication
- Journalism
- International Public Relations
- Media and Culture
- Multi-Media Studies
- Language and Communication
- Language Acquisition
- Japanese Linguistics
- International PR Strategies***

Tourism Creation

- Tourism Creation
- Tourism and Culture
- Tourism Regional Management***

Faculty (Research)

Media and Communication

- Public Communication
- Journalism
- International Public Relations
- Media and Culture
- Multi-Media Studies
- Language and Communication
- Language Acquisition
- International Regional Culture Studies
- Multicultural Education
- International PR Strategies***



公共政策学教育部・公共政策学連携研究部

Graduate School of Public Policy / Faculty of Public Policy

As more people get involved in making and implementing public policies, the Graduate School of Public Policy aims to help students become versatile public-policy experts. To achieve this objective, our distinguished faculty members provide small-group education, and the graduate school offers educational programs for public policy over human, social, scientific, and technological studies. Students have opportunities to pursue careers serving national and local governments or as public-policy professionals working in corporations, think tanks, and NPOs.

<http://www.hops.hokudai.ac.jp/home-e/entop.html>



Graduate School

Public Policy

- Public Management
- International Relations
- Technology Policy

Faculty (Research)

Public Policy

- Public Policy

Attached Facility

- Public Policy Research Center

* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory ***indicates a collaborative program/chair/body

医学研究科・医学部

Graduate School of Medicine / School of Medicine

The mission of the Graduate School of Medicine is to help graduates cultivate professional ethics and well-rounded characters, and to help them master sophisticated medical knowledge and technical skills. The mission of the School of Medicine is to help undergraduates develop the professional ethics and well-rounded characters required for medical professionals; to help them acquire sophisticated medical knowledge and skills and learn to continually improve them throughout their professional careers; and to help them learn to work with other professionals to provide advanced medical care as a team.

<http://www.med.hokudai.ac.jp/index-e.html>

Graduate School

Medicine

- Biochemistry
- Anatomy
- Physiology
- Pharmacology
- Pathology
- Microbiology
- Social Medicine
- Internal Medicine
- Radiology and Nuclear Medicine
- Surgery
- Anesthesiology and Critical Care Medicine

- Reconstructive Surgery and Rehabilitation Medicine
- Reproductive and Developmental Medicine
- Sensory Organ Medicine
- Neurological Disorder
- Advanced Medical Sciences
- Immunology*
- Pathological Oncology*
- Molecular Imaging**
- Chronomedicine**
- Women's Health Educational System**
- Translational Pathology**

- Advanced Medicine for Spine and Spinal Cord Disorders**
- Ocular Circulation and Metabolism**
- Transplant Surgery**
- Cancer Preventive Medicine**
- Advanced Therapeutic Research for Sports Medicine**

Medical Science

- Child and Adolescent Psychiatry**
- Clinical Collaborative Departments***

Attached Facility

- Animal Experimentation facility



Undergraduate School

Medicine

- Introduction to Medicine
- History of Medicine
- Human Genetics
- Anatomy and Embryology
- Physiology
- Biochemistry
- Pharmacology
- Pathology
- Microbiology

- Forensic Medicine and Medical Informatics
- Public Health and Hygiene
- Internal Medicine
- Surgery
- Developmental Medicine
- Psychiatry and Neurology
- Sensory Organ Medicine
- Reconstructive Surgery and Rehabilitation
- Radiology and Nuclear Medicine
- Rehabilitation and Physical Medicine

- Anesthesiology and Critical Care Medicine

Health Sciences

- Nursing
- Radiological Technology
- Medical Technology
- Physical Therapy
- Occupational Therapy

Attached Facility

- Hokkaido University Hospital (shared facility with the School of Dental Medicine)

歯学研究科・歯学部

Graduate School of Dental Medicine / School of Dental Medicine

Based on the belief that proper oral care is essential for people to maintain good health, the mission of the Graduate School of Dental Medicine and the School of Dental Medicine is to assist undergraduates and graduates in acquiring professional knowledge and technical skills in dentistry and dental care to help students become dentists and dental educators and scholars with professional ethics, well-rounded characters, and inquisitive minds. The School of Dental Medicine offers distinctive education programs such as small-group educational exercises and early hands-on clinical training to help students become well-educated and intelligent dentists. We also provide research-based training intended to help students improve their problem-solving skills.

<http://www.den.hokudai.ac.jp/contents/en/>



Graduate School

Oral Medical Science

- Oral Functional Science
- Oral Health Science
- Oral Pathobiological Science
- Stomatognathics*
- Geriatric Oral Science***

Undergraduate School

Dentistry

- Oral Anatomy, Histology and Microbiology
- Oral Physiology, Biochemistry and Pharmacology
- Oral Pathology
- Operative Dentistry and Periodontology
- Biomaterials and Prosthodontics
- Oral Radiography and Medicine
- Oral Anesthesia and Oral-Maxillofacial Surgery
- Pedodontics, Orthodontics and Oral Gerodontology
- Preventive Dentistry

Attached Facility

- Hokkaido University Hospital (shared facility with the School of Medicine)

* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory ***indicates a collaborative program/chair/body

21 Faculties and Graduate Schools

獣医学研究科・獣医学部

Graduate School of Veterinary Medicine / School of Veterinary Medicine

The mission of the Graduate School of Veterinary Medicine and the School of Veterinary Medicine is to help students become veterinarians with creative minds and well-rounded characters who understand what is expected of veterinary medicine in society and have a scientific and analytic frame of mind. We also aim to cultivate students into veterinary experts who use sophisticated knowledge and technical skills in veterinary medicine to meet social needs in Japan and abroad. We offer small-group education programs so that students can acquire a broad range of professional knowledge and skills to deal with animal diseases.

<http://www.vetmed.hokudai.ac.jp/en/>

Graduate School

Veterinary Medicine

- Biomedical Sciences
- Disease Control
- Veterinary Clinical Sciences
- Environmental Veterinary Sciences
- Applied Veterinary Sciences

- Zoonosis Control*
- Diagnostic Pathology**

Attached Facility

- Hokkaido University Veterinary Teaching Hospital

Undergraduate School

Veterinary Medicine

- Basic Veterinary Science
- Pathobiological Veterinary Science
- Applied Veterinary Science
- Veterinary Clinical Medicine



Graduate Programs in English

In these doctoral programs, students can conduct research with English speaking professors within the fields of Biomedical Science, Disease Control, Veterinary Clinical Science, Environmental Veterinary Science, or Applied Veterinary Science.

Fostering Global Leaders in Veterinary Science Toward Contributing to One Health

<http://www.vetmed.hokudai.ac.jp/onehealth/en/>

Special Training Program for Veterinary Researchers Toward Building an International Network of Veterinary Researchers

http://www.vetmed.hokudai.ac.jp/PGP/cover_page.html

薬学研究院・薬学部

Faculty of Pharmaceutical Sciences / School of Pharmaceutical Sciences and Pharmacy

The mission of the Faculty of Pharmaceutical Sciences and the School of Pharmaceutical Sciences and Pharmacy is to help students become researchers and leading pharmacists capable of discovering groundbreaking medicines and their clinical applications. We offer education and research programs on pharmaceutical sciences—comprising foundations of pharmacy, life sciences, molecular pharmaceutical sciences, and biopharmaceutical sciences.

<http://www.pharm.hokudai.ac.jp/en/index.php>

Undergraduate School

Pharmaceutical Sciences

- Pharmaceutical Sciences

Attached Facility

- Experimental Station for Medical Plant Studies

Pharmacy

- Pharmacy

Faculty (Research)

Molecular Pharmaceutical Sciences

- Molecular and Cellular Biological Sciences
- Chemistry and Medicinal Chemistry

Biopharmaceutical Sciences and Pharmacy

- Biopharmaceutical Sciences and Pharmacy



* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory *** indicates a collaborative program/chair/body

保健科学院・保健科学研究所

Graduate School of Health Sciences / Faculty of Health Sciences

The mission of the Graduate School of Health Sciences and the Faculty of Health Sciences is to develop advanced-medical-care professionals who use leading-edge knowledge and technical skills to meet social needs for advanced medical care and play a prominent role in the next generation of health sciences, and to develop researchers who can play a leading role in the global arena of health-science research beyond their fields of specialty.

<http://www.hs.hokudai.ac.jp/e/>

Graduate School

Health Sciences

- Health Sciences
- Nursing

Faculty (Research)

Health Sciences

- Fundamental Nursing
- Comprehensive Development Nursing
- Biomedical Science and Engineering
- Medical Laboratory Science
- Rehabilitation Science
- Functioning and Disability
- Health Sciences and Technology
- Food and Nutrition for Health Promotion (WATANABE OYSTER)**



情報科学研究科

Graduate School of Information Science and Technology

The mission of the Graduate School of Information Science and Technology is to contribute to the evolution of a highly sophisticated information society, which leads to the emergence of a knowledge-based society. We support graduate students in studying a legacy of theories in information science and technology and pursuing new theories to become IT engineers with a broad range of knowledge and international perspective. We also aim to nurture IT researchers capable of using their creativity to conduct research and develop projects on their own.

<http://www.ist.hokudai.ac.jp/eng/>

Graduate School

Computer Science and Information Technology

- Synergetic Information Engineering
- Knowledge Software Science
- Mathematical Science
- Large-scale Information Systems*
- Large-scale Discrete Computation***

Electronics for Informatics

- Integrated Systems Engineering
- Advanced Electronics
- Quantum Electronics and Informatics*

Bioengineering and Bioinformatics

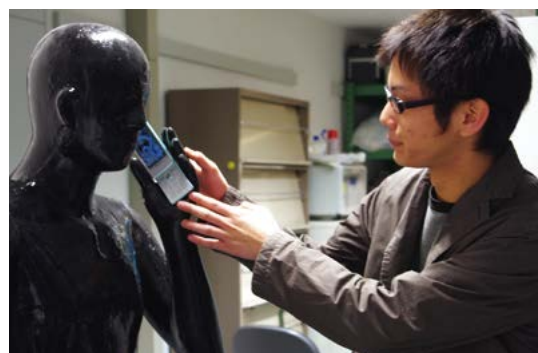
- Bioinformatics
- Bioengineering
- Advanced Biofunctional Engineering*
- Advanced Medical Engineering***

Media and Network Technologies

- Information Media Science and Technology
- Information Communication Systems
- Ubiquitous Network***
- Media Network Sociology***

System Science and Informatics

- System Creation
- System Synthesis
- Informatics for System Evolution***
- Informatics for Remote Sensing***
- Informatics for Digital Human***



* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory ***indicates a collaborative program/chair/body

23 Faculties and Graduate Schools

水産科学院・水産科学研究院・水産学部

Graduate School of Fisheries Sciences / Faculty of Fisheries Sciences / School of Fisheries Sciences

The mission of the Graduate School of Fisheries Sciences, the Faculty of Fisheries Sciences, and the School of Fisheries Sciences is to comprehensively research the sustainable reproduction and efficient use of marine and aquatic resources, which are the shared property of humanity, and to delve into the basic and advanced aspects of preserving the marine ecosystem to ensure the sustainable use of marine resources. We aim to help students develop a creative and positive frame of mind to study issues related to the global environment, natural resources and food, all of which affect the international community, local communities, and business communities.

http://www2.fish.hokudai.ac.jp/modules/top_en/

Graduate School

Marine Bioresource and Environmental Science

- Marine Biology and Biodiversity
- Marine Bioresource Science
- Marine Environmental Science
- Marine Environment and Resource Sensing
- Fisheries Engineering
- Humans and the Ocean

Marine Life Science

- Aquaculture Biology
- Aquaculture Genetics and Genomics
- Marine Biotechnology and Microbiology
- Marine Bioresources Chemistry
- Marine Food Science and Technology
- Marine Chemical Resource Development

Undergraduate School

Marine Biology

- Marine Biology

Applied Marine Science

- Applied Marine Science

Aquaculture Life Science

- Aquaculture Life Science

Marine Bioresources Chemistry

- Marine Bioresources Chemistry

Attached Facilities (training ships)

- Oshoro-maru
- Ushio-maru

Faculty (Research)

Marine Bioresource and Environmental Science

- Marine Biology and Biodiversity
- Marine Bioresource Science
- Marine Environmental Science
- Marine Environment and Resource Sensing
- Fisheries Engineering
- Humans and the Ocean

Marine Life Science

- Aquaculture Biology
- Aquaculture Genetics and Genomics
- Marine Biotechnology and Microbiology
- Marine Bioresources Chemistry
- Marine Food Science and Technology
- Marine Chemical Resource Development



* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory *** indicates a collaborative program/chair/body
**** indicates a chair / laboratory only offered between 2010-2015

Graduate School of Environmental Science / Faculty of Environmental Earth Science

The mission of the Graduate School of Environmental Science and the Faculty of Environmental Earth Science is to assist students in studying earth science, biology, and material science, and using what they learn in these fields to research global environmental issues and determine how to resolve them. We also aim to nurture researchers and professionals ready to tackle pressing global environmental issues. We accept students with outstanding scholastic abilities and take an interdisciplinary approach to educating them on environmental science. We offer diverse curricula including general theory, foundation theory, advanced study, school-wide inter-disciplinary courses, Antarctic science, and play a leading role in environmental education.

http://www.ees.hokudai.ac.jp/index.php?easiestml_lang=en

Graduate School

Environmental Science Development

- Human and Ecological Systems
- Environmental Adaptation Science
- Practical Science for Environment
- Global Environmental Management

Earth System Science

- Geochemistry
- Atmosphere-Ocean and Climate Dynamics
- Cryosphere Science

Biosphere Science

- Ecosystem Biology
- Ecological Genetics
- Molecular Biology
- Plant Ecology
- Animal Ecology
- Marine Biogeochemistry and Physics
- Aquatic Biology
- Forest Conservation
- Agro-Ecosystem Science

Environmental Materials Science

- Biomaterials Chemistry
- Environmental Nano-Materials
- Molecular Photonics and Electronic Science
- Environmental Catalytic Chemistry

Faculty (Research)

Integrated Environmental Science

- Conservation on Natural Environments
- Environmental Geography
- Environmental Adaptation Science
- Practical and Earth Sciences for Environment

Earth System Science

- Biogeosystem Science
- Marine and Atmospheric Geochemistry
- Atmosphere-Ocean Physics
- Climate Dynamics

Environmental Biology

- Terrestrial Ecology
- Conservation Ecology
- Ecological Genetics
- Environmental Molecular Biology

Materials Science

- Biomaterials Chemistry
- Functional Materials Chemistry
- Molecular Materials Chemistry



Graduate Program in English

Course in Global Environmental Management (GEM)

<http://www.ees.hokudai.ac.jp/division/kigaku/modules/courses/GEM.html>

English Program of Environmental Earth Science for Sustainable Society (EPEES)

<http://www.ees.hokudai.ac.jp/division/kigaku/modules/kigaku/EPEES.html>

25 Faculties and Graduate Schools

理学院・理学研究院・理学部

Graduate School of Science / Faculty of Science / School of Science

Humans have long been fascinated by how nature has evolved, and have always wanted to know how it works.

The Graduate School of Science, the Faculty of Science, and the School of Science are dedicated to academic pursuit originating from our desire to learn more about nature. Our mission is to help students develop the following academic attributes:

1. The ability to understand the true nature of an event and identify laws that govern the event (the ability to turn an idea into a universal theory and prove its validity, and the ability to model things and describe the model in a logical and sensible manner).
2. The ability to describe the outcome of academic research in a logical manner, use logic to convince others, and exercise leadership in making a social contribution.

<http://www.sci.hokudai.ac.jp/english/index.html> (Graduate School / School)

<http://www.sci.hokudai.ac.jp/faculty/en> (Faculty)

Graduate School

Mathematics

- Mathematics

Condensed Matter Physics

- Quantum Solid State Physics
- Condensed-Matter Physics

Cosmosciences

- Fundamental Physics
- Cosmos and Planets

Natural History Sciences

- Earth and Planetary Dynamics

- Earth and Planetary System Science

- Biodiversity

- Science Communication

- Seismology and Volcanology

Undergraduate School

Mathematics

- Mathematics

Physics

- Physics

Chemistry

- Chemistry

Biological Sciences

- Biology
- Macromolecular Functions

Earth and Planetary Sciences

- Earth and Planetary Sciences

Faculty (Research)

Mathematics

- Mathematics

Chemistry

- Physical Chemistry
- Inorganic and Analytical Chemistry
- Organic and Biological Chemistry

Physics

- Quantum Physics
- Electronic Condensed Matter Physics
- Condensed Matter Physics
- Nonlinear Physics

Earth and Planetary Sciences

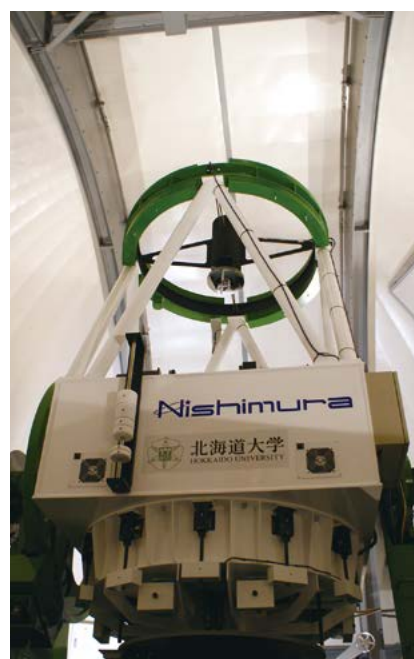
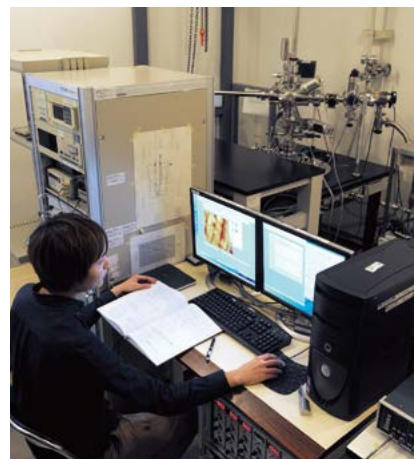
- Cosmosciences
- Earth and Planetary Dynamics
- Earth and Planetary System Science

Biological Sciences

- Cell Structure and Function
- Behavioral Neurobiology
- Reproductive and Developmental Biology
- Biodiversity

Attached Facilities

- Institute of Seismology and Volcanology
- Genome Dynamics Research Center
- Nuclear Reaction Data Center



Graduate Programs in English

International Graduate Program in the Natural History Sciences

This program provides master's and PhD courses for international students who want to study natural history at Hokkaido University.

The fields in which the Department of Natural History fall broadly into two main categories, "Earth Sciences" and "Biodiversity and Organismal Evolution".

<http://www.sci.hokudai.ac.jp/dnhs/inhs/>

Master's and PhD courses in the Departments of Mathematics, Condensed Matter Physics and Cosmosciences

International students without sufficient Japanese proficiency can also complete these courses.

<http://www.sci.hokudai.ac.jp/english/index.html>

農学院・農学研究院・農学部

Graduate School of Agriculture / Research Faculty of Agriculture / School of Agriculture

The mission of the Research Faculty of Agriculture, the Graduate School of Agriculture, and the School of Agriculture is to conduct research to create and rebuild a new system of agriculture that deals with wide-ranging food issues that face mankind around the globe. We offer education programs that cover all areas related to resolving pressing issues to ensure sustainable existence of mankind, with a goal of nurturing researchers and talented business professionals capable of making sound judgments from regional and global perspectives.

<http://www.agr.hokudai.ac.jp/en/>

Graduate School

Bio-systems Sustainability

- Agricultural and Resource Economics
- Safety and Function of Food
- Biomass Conversion
- Sustainable Agro-science

Agrobiology

- Applied Molecular Biology
- Plant Breeding Science
- Botany and Agronomy
- Animal Production

Applied Bioscience

- Food Science
- Biomolecular Chemistry

Environmental Resources

- Ecology and Systematics
- Regional Environment
- Science of Forest Resources
- Integrated Forest-Landscape Management
- Bioproduction Engineering

Undergraduate School

Agrobiology and Bioresources

- Agrobiology and Bioresources

Applied Bioscience

- Applied Bioscience

Bioscience and Chemistry

- Bioscience and Chemistry

Forest Science

- Forest Science

Animal Science

- Animal Science

Bioresource and Environmental Engineering

- Bioresource and Environmental Engineering

Agricultural Economics

- Agricultural Economics

Research Faculty

Fundamental AgriScience Research

- Agrobiology and Bioresources
- Applied Bioscience
- Bioscience and Chemistry
- Forest Science
- Animal Science
- Bioresource and Environmental Engineering
- Agricultural Economics

Innovation and Cooperation

- Integrated Research
- Cooperative Promotion



Graduate Programs in English

Special Postgraduate Program in Biosphere Sustainability Science

This is an innovative master's and doctoral program that provides a unique combination of study fields such as food, health, and environment to meet urgent needs in research and development for preservation and sustainable utilization of our limited resources.

<http://www.agr.hokudai.ac.jp/en/spgp/>

27 Faculties and Graduate Schools

生命科学院

Graduate School of Life Science

Significant progress has been made in both basic and applied research in life science, using genetic information obtained from a variety of animals, including the human genome. The Graduate School of Life Science offers innovative graduate programs intended to help students acquire the knowledge and skills necessary to make meaningful contributions to the continued development of life science.

<http://www.lfsci.hokudai.ac.jp/en/>

Graduate School

Life Sciences

- Transdisciplinary Life Science
- Biosystems Science
- Biomedical and Pharmaceutical Science

Clinical Pharmacy

- Clinical Pharmacy



Graduate Program in English

Training Program for Global Leaders in Life Sciences

This doctoral program aims to build and train world-class leaders in life sciences. Both Japanese and international students study under the same curriculum to become leaders with a global perspective.

<http://altair.sci.hokudai.ac.jp/grad/igp/overview.html>

先端生命科学研究院

Faculty of Advanced Life Science

Life Science covers a diverse range of disciplines from basic research to applied research. The Faculty of Advanced Life Science has assembled of a strong team of professionals with expertise in biology, physics, chemistry, medicine, and pharmaceutical sciences who pursue the vision to create a novel and transdisciplinary life science. Furthermore, our auxiliary facility, the "Frontier Research Center for Post-genome Science and Technology", works with corporations to conduct extensive research projects that bring research results to society. Through our education and research programs, we aim to foster researchers of the next generation.

<http://altair.sci.hokudai.ac.jp/advlfsci/en/>

Faculty (Research)

Advanced Transdisciplinary Sciences

- X-ray Structural Biology
- Protein Science
- Soft & Wet Matter Science
- Tissue Organization Science
- Cellular Dynamics Science
- Drug Discovery Research
- Chemical Biology
- Molecular Delivery Science****

Functional Life Sciences

- Cell Biological Science
- Molecular and Cellular Biology
- Biological Information Analysis Science
- Functional Cellular Science
- Glyco-signal Biology
- Embryonic and Genetic Engineering

Attached Facility

- The Frontier Research Center for Post-genome Science and Technology



* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory ***indicates a collaborative program/chair ****indicates a collaborative branch

工学院・工学研究院・工学部

Graduate School of Engineering / Faculty of Engineering / School of Engineering

The mission of the Graduate School of Engineering, the Faculty of Engineering, and the School of Engineering is to transfer our legacy of academic accomplishments to students to help them acquire and refine basic and advanced professional disciplines in engineering. We also aim to help students acquire the wide-ranging knowledge, sound judgment, and practical skills necessary to deal with globalization as well as the advancement of science and technology.

<http://www.eng.hokudai.ac.jp/english/>

Graduate School

Applied Physics

- Quantum Matter Physics
- Complex Material Physics
- Optical Science and Technology
- Solid State Physics and Engineering

Materials Science and Engineering

- Ecological Materials
- Materials Design
- Energy Materials
- Energy Conversion Materials
- Ironmaking and Steelmaking***
- Frontier Energy Engineering***

Mechanical and Space Engineering

- Space Systems Engineering
- Materials and Fluid Mechanics
- Space Exploration Engineering***

Human Mechanical Systems and Design

- Biomechanics and Robotics
- Micromechanical Systems
- Biomedical Simulation***

Energy and Environmental Systems

- Nuclear and Environmental Systems
- Applied Energy Systems

Quantum Science and Engineering

- Applied Quantum Beam Engineering
- Plasma Science and Engineering
- Nanomaterials Science
- Materials Structure Science***
- Fusion Science***

Field Engineering for the Environment

- Geotechnical and Material Engineering for Disaster Prevention
- Hydraulic and Aquatic Environment Engineering

Engineering and Policy for Sustainable Environment

- Engineering for Sustainable Infrastructure System
- Policy for Engineering and Environment

Architectural and Structural Design

- Structural and Urban Safety Design
- Human Settlement Design

Human Environmental Systems

- Planning and Performances for Built Environment
- Building Engineering and Planning

Environmental Engineering

- Water Metabolic System
- Environmental Management Systems

Sustainable Resources Engineering

- Resources Engineering
- Geoenvironmental Engineering



Undergraduate School

Applied Science and Engineering

- Applied Physics and Engineering
- Applied Chemistry
- Materials Engineering

Electronics and Information Engineering

- Computer Science and Information Technology
- Electrical and Electronic Engineering
- Bioengineering and Bioinformatics
- Media and Network Technologies
- Systems, Control and Electrical Engineering

Mechanical and Intelligent System Engineering

- Mechanics and Information
- Mechanical Systems

Socio-Environmental Engineering

- Civil Engineering
- Public Policy and Engineering
- Architecture
- Environmental Engineering
- Sustainable Resources Engineering

* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory *** indicates a collaborative program/chair/body

29 Faculties and Graduate Schools

Faculty (Research)

Applied Physics

- Quantum Matter Physics
- Complex Material Physics
- Optical Science and Technology
- Solid State Physics and Engineering

Applied Chemistry

- Industrial Organic Chemistry
- Chemical Engineering
- Biotechnology
- Chemistry of Functional Molecules
- Functional Materials Chemistry
- Inorganic Materials Chemistry

Materials Science and Engineering

- Ecological Materials
- Materials Design
- Energy Materials

Mechanical and Space Engineering

- Space Systems Engineering
- Materials and Fluid Mechanics

Human Mechanical Systems and Design

- Biomechanics and Robotics
- Micromechanical Systems

Energy and Environmental Systems

- Nuclear and Environmental Systems
- Applied Energy Systems

Quantum Science and Engineering

- Applied Quantum Beam Engineering
- Plasma Science and Engineering

Field Engineering for the Environment

- Geotechnical and Material Engineering for Disaster Prevention
- Hydraulic and Aquatic Environment Engineering

Engineering and Policy for Sustainable Environment

- Engineering for Sustainable Infrastructure System
- Policy for Engineering and Environment

Architectural and Structural Design

- Structural and Urban Safety Design
- Human Settlement Design

Human Environmental Systems

- Planning and Performances for Built Environment
- Building Engineering and Planning

Environmental Engineering

- Water Metabolic System
- Environmental Management Systems
- Eco Safe Energy**

Sustainable Resources Engineering

- Resources Engineering
- Geoenvironmental Engineering

Attached Facilities

- Center for Advanced Research of Energy and Materials

Graduate Program in English

English Engineering Education Program (e³)

e³ is master's and doctoral engineering program which offers courses from almost all engineering fields in English for international and Japanese students. It assists students in the pursuit of high quality global education, supports students' initiatives, and enhances cultural exchange. e³ offers a number of scholarships for talented students.

<http://www.eng.hokudai.ac.jp/e3/>



* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory ***indicates a collaborative program/chair/body

総合化学院

Graduate School of Chemical Sciences and Engineering

The mission of the Graduate School of Chemical Sciences and Engineering is to develop chemical engineers and researchers capable of flexibly meeting the needs of society. To achieve this mission, we offer students common education programs on fundamental chemistry and faculty members of science and engineering departments work together to provide expansive education programs that meet student's career goals (engineers and researchers working in the corporate environment, researchers working in public institutions, and educators in higher education).

<http://www.cse.hokudai.ac.jp/english/>

Graduate School

Chemical Sciences and Engineering

- Molecular Chemistry and Engineering
- Microscopic Chemical Analysis Unit
- Fine Chemical Reactions Unit
- Catalytic Reactions Unit
- Chemical Process Engineering Unit
- Materials Chemistry and Engineering
- Molecular Materials Chemistry Unit
- Inorganic Materials Chemistry Unit
- Frontier Materials Chemistry Unit
- Functional Materials Chemistry Unit
- Biological Chemistry and Engineering
- Biomolecular Chemistry Unit
- Biofunctional Chemistry Unit
- Cell Engineering Unit
- Molecular Medical Biochemistry Unit



Graduate Program in English

Graduate Program in Chemistry and Materials Science

This is a doctoral program known as the Advanced Graduate School for Chemistry and Materials Science. This program includes all major fields in chemistry and materials science and inter-university exchange is encouraged.

<http://www.eng.hokudai.ac.jp/ags/>

* indicates a cooperative program/chair ** indicates an endowed program/chair/laboratory ***indicates a collaborative program/chair/body

Graduate School of Veterinary Medicine

Fostering Global Leaders in Veterinary Science Toward Contributing to One Health

<http://www.vetmed.hokudai.ac.jp/onehealth/en/>

Special Training Program for Veterinary Researchers Toward Building an International Network of Veterinary Researchers

http://www.vetmed.hokudai.ac.jp/PGP/cover_page.html

Graduate School of Environmental Science

Course in Global Environmental Management (GEM)

<http://www.ees.hokudai.ac.jp/division/kigaku/modules/courses/GEM.html>

English Program of Environmental Earth Science for Sustainable Society (EPEES)

<http://www.ees.hokudai.ac.jp/division/kigaku/modules/kigaku/EPEES.html>

Graduate School of Science

International Graduate Program in the Natural History Sciences

<http://www.sci.hokudai.ac.jp/dnhs/inhs/>

Master's and PhD courses in the Departments of Mathematics, Condensed Matter Physics, and Cosmosciences

<http://www.sci.hokudai.ac.jp/english/index.html>

Graduate School of Agriculture

Special Postgraduate Program in Biosphere Sustainability Science

<http://www.agr.hokudai.ac.jp/en/spgp/>

Graduate School of Life Science

Training Program for Global Leaders in Life Sciences

<http://altair.sci.hokudai.ac.jp/grad/igp/overview.html>

Graduate School of Engineering

English Engineering Education Program (e³)

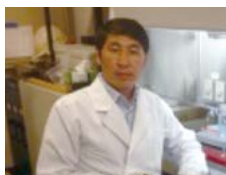
<http://www.eng.hokudai.ac.jp/e3/>

Graduate School of Chemical Sciences and Engineering

Graduate Program in Chemistry and Materials Science

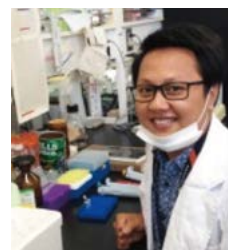
<http://www.eng.hokudai.ac.jp/ags/>

The Program for Leading Graduate Schools "Fostering Global Leader in Veterinary Science for Contributing to One Health" has given me great chance to study in the PhD course in the Graduate School of Veterinary Medicine. It is a really nice opportunity for me to get in-depth academic knowledge and acquire modern laboratory technique under excellent direction. There are many international students who are involved in this program, so we can learn something together and gain experience from each other. In addition, the professors and Japanese students are so helpful and civil. I really enjoy studying here and feel happy to be student of Hokkaido University.



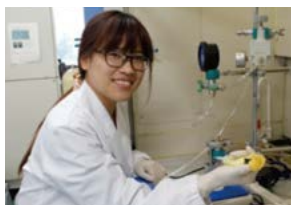
N. Ochirkhuu (Mongolia), PhD (2nd yr),
Graduate School of Veterinary Medicine

The Special Postgraduate Program in Biosphere Sustainability Science has given me a chance to experience remarkable things in the Graduate School of Agriculture. The beautiful scenery of campus every season throughout the whole year keeps me always in a good mood to study. The atmosphere of the laboratory: gently helpful professors, reliable laboratory mates, and comprehensive laboratory equipment lightens the workload. As a PhD Student, the opportunity to learn advanced applied molecular entomology—specifically, mosquito-specific viruses—both in the laboratory and in the field has lead me to focus on elucidating a virus which in the future might be a potential biopesticidal agent to control mosquito-borne diseases such as dengue fever and malaria. Mosquito-borne diseases have been reported to be emerging in some tropical countries, like my hometown Indonesia. The elucidation of mosquito-specific viruses will bring us one step closer to present a powerful molecular-applicable tool against mosquito-borne diseases that are very prominent in the world.



Yudistira Wahyu Kurnia (Indonesia), PhD (2nd yr),
Graduate School of Agriculture

I'm very appreciative of the International Graduate Program, "Training Program for Global Leaders in Life Sciences (IGP)," which has offered me the opportunity to pursue my PhD at the Laboratory of Soft & Wet Matter (LSW). LSW has many knowledgeable professors, advanced research equipment, and an excellent academic atmosphere. Furthermore, with the recommendation from IGP, I have additionally been awarded a scholarship from Japan's Ministry (MEXT), which has allowed me to focus on my research without personal expense. Within this past year, I have advanced my understanding about performing cutting edge scientific research, and how to get along with people from different countries with the help of the professors and students in my laboratory. Especially, the professors always try their best to promote international communication by encouraging us to attend meetings or inviting world famous scientists. Thanks to the IGP, I have been able to learn and experience many things which otherwise would not have been possible.



Yanan Ye (China), PhD (1st yr),
Graduate School of Life Science

Before coming to Hokkaido University, I was really excited at the prospect of experiencing a new environment and culture. Since I have been here, the eye soothing beauty of the university and most cooperative attitude from every corner has helped me adapt. I found myself very lucky to be a part of Advanced Graduate School of Chemistry and Materials Science (AGS) program as a doctoral student and do research on biomolecular motors under the most cordial and cooperative supervision. This integrated program provided me a resourceful curriculum covering the major fields of Chemistry and Material Science and I believe that it will make my each and every day in Japan filled with new and increased expertise and broaden my knowledge in an international context.



Tanjina Afrin (Bangladesh),
PhD (2nd yr), Graduate School of
Chemical Sciences and Engineering

Studying as a master's student in the English Program of Environmental Earth Science for a Sustainable Society (EPEES) has given me a great opportunity to gain knowledge and share ideas or opinions of various fields and different cultures. Classes and seminars are carried out in English by the division of environmental science development cooperatively with three other divisions in the graduate school; and the interdisciplinary focus of the program allows me to judge international environmental problems appropriately.



Ba Xin (China), MA (1st yr),
Graduate School of Environmental Science

My research focuses on stable isotopes and I really appreciate the precious chance to study here and the help professors and experts from different fields have given me. I plan to put what I learn about maintaining and enhancing the sustainability of the Earth's system to use so that I can contribute to solving environmental problems and help people who are suffering from these problems.

低温科学研究所

Institute of Low Temperature Science

The Institute of Low Temperature Science (ILTS) was founded in 1941 as the first research institute in Japan to promote interdisciplinary studies on various natural phenomena occurring in the cryosphere. The cryosphere is of special importance to the climate and is changing rapidly. It is thus essential that we have the latest and best information available regarding ongoing changes in the cryosphere.

Water and Material Cycles

- Ocean and Sea Ice Dynamics
- Atmosphere-Ocean Interaction
- Cloud Science Research
- Atmospheric Chemistry and Organic Geochemistry
- Land-Atmosphere Interaction
- Meteorology / Hydrology

Frontier Ice and Snow Science

- Glacier and Ice Sheet Research
- Phase Transition Dynamics
- Ice and Planetary Sciences
- Astrophysical Chemistry
- Theoretical Planetary Science

Environmental Biology

- Cold Region Plant Ecology and Physiology
- Plant Adaptation Biology
- Microbial Ecology
- Biodiversity
- Biochemistry

Attached Facilities

- Pan-Okhotsk Research Center:
- Climate Change Research
 - Land-Ocean System
 - International Research Promotion Office



<http://www.lowtem.hokudai.ac.jp>

電子科学研究所

Research Institute for Electronic Science

The Research Institute for Electronic Science (RIES) was established in 1992. Our mission is to develop new interdisciplinary research fields between Photonics and Optical Sciences, Material and Molecular Sciences, and Biology and Life Sciences. The Institute also focuses on Mathematics and Nanotechnology as requisite sciences to accomplish our mission.

Photonics and Optical Science

- Photo-System Physics
- Quantum Information Photonics
- Coherent X-ray Optics

Material and Molecular Sciences

- Molecular Photonics
- Smart Molecules
- Nanostructure Physics
- Functional Thin Film Materials

Biology and Life Sciences

- Molecular and Cellular Biophysics
- Molecular Device
- Complex Systems Research

Cooperative Research

- RIKEN Alliance
- Social Cooperation Advisory

Attached Facilities

- Green Nanotechnology Research Center:
- Green Photonics
 - Nanostructured Functional Materials
 - Nanophotonics
 - Functional Nanomolecular Materials
- Research Center of Mathematics for Social Creativity:
- Mathematical Modeling
 - Molecule & Life Nonlinear Sciences
 - Mathematical and Physical Ethology
 - Experimental Mathematics



Research Support Department

- Nikon Imaging Center
- Promotion Office for International Alliance
- Promotion Office for Nanotechnology Collaboration
- Promotion Office of Integrative Mathematics

<http://www.es.hokudai.ac.jp>

遺伝子病制御研究所

Institute for Genetic Medicine

The Institute for Genetic Medicine was established in April 2000 after the Institute of Immunological Science and the Cancer Institute, School of Medicine merged. Together, we combine ninety years of experience to achieve our mission to elucidate the molecular basis of various illnesses including cancer, immune diseases, infectious diseases, and cardiovascular diseases, and to provide means for diagnosis and therapeutics for those illnesses.

Molecular Pathogenesis

- RNA Biofunction
- Stem Cell Biology
- Signaling in Cancer and Immunology
- Molecular Neuroimmunology

Pathophysiology

- Cancer Biology
- Molecular Virology
- Molecular Oncology
- Immunobiology

Disease Control

- Disease Model Innovation
- Functional Immunology
- Molecular Interaction

Endowed Department

- Probiotics Immunology

Attached Facilities

- Laboratory for Animal Experiments
- Center for Infection-Associated Cancer



<http://www.igm.hokudai.ac.jp>

触媒科学研究所

Institute for Catalysis

Catalysis science is in strong demand to build a sustainable society through timely response to the ever-increasing requirements of environmental conservation, resources, and energy. The Institute for Catalysis was inaugurated based on the success of the Catalysis Research Center and our mission is to fulfill this demand and to become a global center for catalysis science research. We promote high-level education and joint research to attain our goals.

Research Department

- Catalyst Surface Research Division
- Catalysis Theory Research Division
- Surface Molecular Science Research Division
- Catalytic Transformation Research Division
- Catalyst Material Research Division
- Photocatalysis Research Division
- Molecular Catalyst Research Division
- Macromolecular Science Research Division
- Research and Development Division

Department of Target Research

Research Clusters

- ★Sustainable Catalyst
 - ☆Development of Non-centrochirality as Novel Asymmetric Reactants Media
 - ☆Well-defined Surface Structures for Precise Reaction Control
- ☆Bio-Interface
 - ☆Photofunctional Plasmonic Particles
- ☆Research Cluster for Biopolymers
- ☆Research Cluster for Quantum Simulation
- ☆Research Cluster for Water-Compatible Acid-Base Catalysts

★ Central Research Section ☆ Extensive Research Section



<http://www.cat.hokudai.ac.jp>

スラブ・ユーラシア研究センター

Slavic-Eurasian Research Center

The Slavic-Eurasian Research Center (SRC) at Hokkaido University dates back to the early 1950s, when the need for independent Japanese research and evaluation about the wider world was influenced by new techniques of "Area Studies" coming from the United States. This called for interdisciplinary regional coverage through cooperative expertise among the humanities and social sciences. Team work continues to be the SRC's hallmark. As a designated "national joint-use facility," the SRC works with Japanese scholars elsewhere and the larger global community both to keep Japan informed of what is happening in the ever-changing Slavic-Eurasian region and to disseminate the research achievements of Japanese specialists. The best library in Asia on Slavic-Eurasian studies lies at the core of the SRC mission, attracting scholars from other Asian countries and beyond. To improve scholarly communication and education, the SRC has concluded bilateral agreement with dozens of institutes and universities throughout the region, as well as such area studies heavyweights as Harvard, Oxford, Seoul National University and the Chinese Academy of Sciences.

- Russian Studies
- Siberian and Far Eastern Studies
- Central Eurasian Studies
- East European Studies
- Comparative Studies



From the Slavic collection



An international symposium

<http://src-h.slav.hokudai.ac.jp>

情報基盤センター

Information Initiative Center

The Information Initiative Center was established in April 2003 for the promotion of advanced research in the development of ICT (information and communications technology) as well as to help the University to construct and maintain its ICT infrastructures. The Center endeavors to promote educational research utilizing ICT and to support the University in carrying out its curriculum based on these developments. In addition to fundamental support to the University, the Center also plays an important role as a resource center for nationwide ICT collaboration in supercomputing and cloud computing.

- Large-scale Computing Systems
- Information Networks
- Digital Contents
- Media Education



<http://www.iic.hokudai.ac.jp>

33 Research Institutes and Centers

人獣共通感染症リサーチセンター

Research Center for Zoonosis Control

To establish effective strategies for the prediction, prevention, and control of zoonotic diseases, the Research Center conducts global surveillance to identify the natural host animals and transmission routes of zoonotic pathogens, and to reveal determinants of the pathogenicity and host range of the pathogens. In addition, the Research Center addresses the diagnosis of field materials collected in other countries. The outcomes of the research are pooled as a database for the preservation and utilization of biological resources, and the materials are supplied for diagnosis technology and vaccine production. At the same time, our educational program provides lectures and training courses for researchers, technicians, and graduate students with the mission of training "Zoonosis Control Doctors" who are responsible for the control of zoonotic diseases worldwide. In 2011, the World Health Organization (WHO) designated the Hokkaido University Research Center for Zoonosis Control as a WHO Collaborating Centre for Zoonoses Control.

<http://www.czc.hokudai.ac.jp/en/index.html>



アイソトープ総合センター

Central Institute of Isotope Science

Provides facilities for educational training and research on radioisotope use, controls use in the University, and conducts research and development on isotope science.

<http://www.hokudai.ac.jp/radiois/>



量子集積エレクトロニクス研究センター

Research Center for Integrated Quantum Electronics

Promotes research on creation of novel semiconductor nanostructures, understanding of scientific principles governing novel electronic materials, and novel devices and circuits for energy production and saving, as well as transfer of such innovative technologies to the industrial circle by R&D collaboration.

<http://www.rciqe.hokudai.ac.jp/en/>



北方生物圏フィールド科学センター

Field Science Center for Northern Biosphere

Conducts comprehensive research on the Northern Biosphere based on field science and provides educational and research support.

<http://www.hokudai.ac.jp/fsc/>



観光学高等研究センター

Center for Advanced Tourism Studies

Conducts advanced research on tourism innovation and collaboration, and also provides facilities for the promotion of trans-disciplinary research on tourism studies.

<http://www.cats.hokudai.ac.jp/>



アイヌ・先住民研究センター

Center for Ainu and Indigenous Studies

Cooperates with Ainu people to promote interdisciplinary research and education on indigenous peoples and builds a network with similar institutions in the world and indigenous organizations.

<http://www.cais.hokudai.ac.jp/english/>



社会科学実験研究センター

Center for Experimental Research in Social Sciences

Advances experimental studies in the social sciences, develops and promotes young social scientists, and expands research activities internationally.

<http://lynx.let.hokudai.ac.jp/cerss/en/>



環境健康科学研究教育センター

Center for Environmental and Health Sciences

Conducts large-scale epidemiological research projects on environmental and health sciences, the results of which are presented nationally and internationally. Educates individuals to develop research in the field of environmental and health sciences, and promotes closer links between domestic and foreign research groups and organizations.

<http://www.cehs.hokudai.ac.jp/en/>



北極域研究センター

Arctic Research Center

Promotes trans-disciplinary approach for sustainable development and utilization of the Arctic, and conducts the integrated problem solution study through collaboration of different fields including natural, social and practical sciences.

<http://www.arc.hokudai.ac.jp/en/>



脳科学研究教育センター

Research and Education Center for Brain Science

Provides graduate students with programs on Brain Science through the study of differentiations in brain functions, cognition, and behavior within critical periods, and aims to develop global brain researchers as well as new research fields by creating an environment that integrates intellectual disciplines such as arts and sciences.

<http://www.hokudai.ac.jp/recbs/>



外国語教育センター

Center for Language Learning

Provides foreign language as well as language-related courses to students who seek to acquire or improve their skills in foreign languages. It also develops multimedia online resources which facilitate language learning and provide in-depth language practice.

<http://www.imc.hokudai.ac.jp/lang/>



サステナビリティ学教育研究センター

Center for Sustainability Science (CENSUS)

Develops trans-disciplinary educational programs to introduce students, faculty and local communities to basic sustainability concepts.

<http://www.census.hokudai.ac.jp/>

Coastal setnet at Nomura Fisheries,
Field trip in Usujiri, Hakodate

国際連携研究教育局

Global Institution for Collaborative Research and Education (GI-CoRE)

The Global Institution for Collaborative Research and Education (GI-CoRE) was formed as a faculty organization under the direct control of the President that brings together world-class teaching staff from around the world to conduct collaborative research with University scholars. Aims include promotion and support of international collaborative research and promotion of education that leverages the University's strengths and distinctive features.

<http://gi-core.oia.hokudai.ac.jp/main/>

量子医理工学グローバルステーション

Global Station for Quantum Medical Science and Engineering

The Global Station for Quantum Medical Science and Engineering facilitates innovative collaborative studies in radiation oncology, radiation biology and medical physics, serving as a research hub conducting world-leading research in collaboration with the Radiation Oncology Department of Stanford University School of Medicine.

<http://gi-core.oia.hokudai.ac.jp/gsq/>



35 Research Institutes and Centers

人獣共通感染症グローバルステーション

Global Station for Zoonosis Control

The Global Station for Zoonosis Control is located at the Research Center for Zoonosis Control. Together with scientists from three partner universities, it has organized the Consortium for the Control of Zoonoses to strengthen basic and applied studies on molecular biology, immunology, and bioinformatics toward vaccine and drug development against zoonoses.

<http://gi-core.oia.hokudai.ac.jp/gsz/>

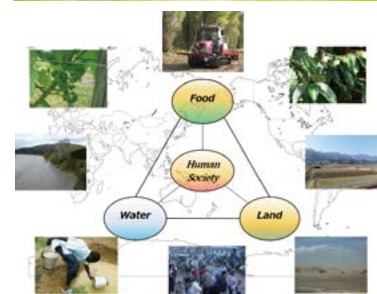


食水土資源グローバルステーション

Global Station for Food, Land and Water Resources

To cope with a critical situation for food, land and water resources that confront the world in the 21st century, the Global Station for Food, Land and Water Resources (GSF) provides an optimal teaching and research environment for researchers invited from the world's leading institutions.

<http://gi-core.oia.hokudai.ac.jp/gsf/>



Major Educational Programs

Leading Graduate Schools

One Health: Hokkaido University Leading Graduate School Veterinary Science for One Health

The Program for Leading Graduate Schools "Fostering Global Leaders in Veterinary Science for Contributing to One Health" was selected in 2011 by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) to foster graduates capable of managing control measures against zoonoses and/or hazardous chemicals.

"Ambitious Leader" Educational Program for the Development at the Frontiers of Materials Science

This program, funded by the Japan Society for the Promotion of Science, and headed by Professor Kei Murakoshi of the Graduate School of Chemical Sciences and Engineering, collaborates with educational institutions and organizations internationally and within Japan in the field of materials science.

Re-Inventing Japan Project

Graduate Program for Fostering Frontiers of Practical Solutions in a Populations-Activities-Resources-Environments (PARE) Chain (PARE Program)

The objectives of PARE program is to foster individuals with four specific characteristics ("field research capabilities", "cross cultural capabilities", "frontier spirits" and "problem solving competencies") that are essential for global leaders and create a network to tackle issues related to PARE (Populations-Activities-Resources-Environments) in Asia, and able to contribute to sustainable management of resources in Asia. For implementation, Hokkaido University formed the PARE consortium with 6 partner universities in Indonesia (Bogor Agricultural University, Institut Teknologi Bandung, and University of Gadjah Mada) and Thailand (Chulalongkorn University, Kasetsart University and Thammasat University).
<http://www.4pare.org/>



Collaboration of Veterinary Education Between Japan and Thailand for the Sound Development of Asian Countries

To conduct an exchange program for veterinary undergraduate students with credit transfer between Hokkaido University and universities in Japan and Thailand develop veterinarians in Thailand to become leaders among ASEAN countries and veterinarians in Japan who can play an active part in understanding situations in Asia from a global perspective.

East Russia – Japan Expert Education Program (RJE3 Program)

The RJE3 Program is designed to develop professional groups that will play leading roles in the Far East and the Arctic Circle – places of historical and cultural diversity where climate change and other global issues are concentrated. To help address these issues, the program gives students specialized knowledge of major crosscutting challenges in (1) environmental assessment, (2) cultural diversity, (3) soil and productivity, (4) regional resource development and (5) disaster prevention management. To this end, the East Russia-Japan Expert Education Consortium (RJE3 Consortium) was formed by Hokkaido University and five key universities in the Russian Far East, as well as representatives of research institutions, local governments, central government organizations and industries in Japan and Russia. The program began in October 2014 as part of the Ministry of Education, Culture, Sports, Science and Technology's Re-Inventing Japan Project, and will last until fiscal 2018.

**Major Research Programs****Creation of Innovation Centers for Advanced Interdisciplinary Research Areas Program: The Matching Program for Innovations in Future Drug Discovery and Medical Care at Hokkaido University**

A 10-year long (July 2006 – March 2016) program funded by MEXT under the "Project for Developing Innovation Systems." This program executed by the President of Hokkaido University as administrator engages researchers from several graduate schools and research institutes in close cooperation with Shionogi & Co., Ltd., Hitachi, Ltd., Sumitomo Bakelite Co., Ltd., Nihon Medi-Physics Co., Ltd., and Mitsubishi Heavy Industries, Ltd.

All Hokkaido Translational Research Project for Advanced Medicine

Set up in 2012 by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) the "Translational Research Network Program" established with "All Hokkaido Translational Research Project for Advanced Medicine" with the aim to facilitate the practical application of newly developed medicines, medical equipment, and in vitro diagnostic agents (this type of research support is termed translational research).

Grants-in-Aid, Joint Research, etc.

	Number of Projects	Amounts (Thousand Yen)
Grant-in-Aid for Scientific Research	820	3,687,715
Grant-in-Aid for the Academic Research Promotion Foundation	1,407	2,360,861
Grant-in-Aid for Scientific Research by the Ministry of Health, Labour and Welfare	19	467,362
Joint Research	523	1,236,595
Commissioned Research	499	4,152,106
Other Grants-in-Aid (Competitive Funds)	9	856,544
Research Grants	—	946,405
Endowments for Research	4,823	2,298,926

Fiscal 2014

創成研究機構

Creative Research Institution (CRIS)

The Creative Research Institution (CRIS) is a University-wide organization dedicated to promotion and support for priority research programs based on HU's strategic research policy. It also strives to create new academic disciplines and advance cutting-edge science and technology based on the development of exceptional human resources who will contribute to the promotion of these aims.

Research Department

The Research Department is dedicated to creating new priority research themes based on HU's strategic research policy, fostering young researchers, and extending support to basic research programs for industry-academia collaboration.

Equipment Management Center

The Equipment Management Center maintains, manages, and operates laboratory equipment and facilities for shared use by HU faculty members, students, and others. It also promotes the use of University laboratory equipment and facilities among faculty members, students, and others as well as non-HU researchers and engineers in science and technology. The Center is also responsible for matters concerning sample analysis.

Research Support Office

This campus-wide unit provides support for a range of activities, including research collaboration for the creation of new priority research themes based on HU's strategic research policy, project proposals toward the acquisition of new research funds, and coordination with funding agencies and other collaborating organizations.

Office for the Promotion of Future Drug Discovery and Medical Care Innovation

This Office supports and promotes activities involving researchers, private businesses, and relevant government ministries and agencies to advance the 'Matching Program for Innovations in Future Drug Discovery and Medical Care' at Hokkaido University.

Center for Promotion of Platform for Research on Biofunctional Molecules

This Center promotes project-type joint research programs based on government industry-academia collaboration. It also manages and operates North Campus Integrated Research Building No. 6 — a Platform for Research on Biofunctional Molecules (PRBM) as a hub for drug discovery and functional food development.

Green Innovation Research Promotion Center

The Center promotes research programs to support innovation in the field of environmental energy.

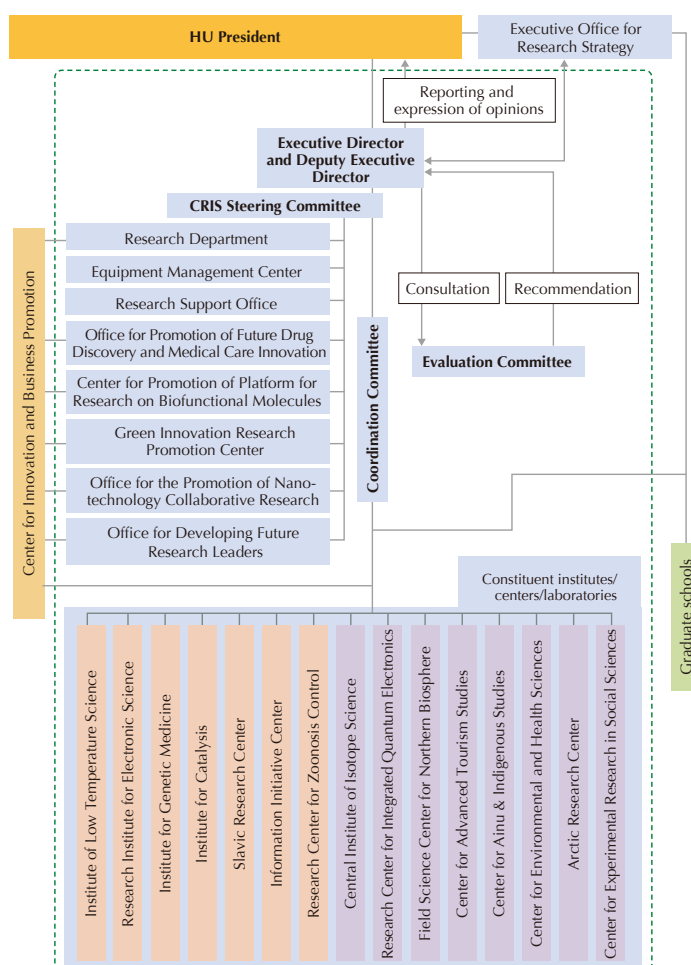
It also supports R&D initiatives to advance environmental energy technologies based on government-industry-academia collaboration.

Office for the Promotion of Nanotechnology Collaborative Research

The Office supports collaboration in research in the field of nano technology across the University as well as supports collaboration with other research institutions. In addition, the Office manages the nanotechnology research facilities and supports its use.

Office for Developing Future Research Leaders

This Office is dedicated to developing the research and leadership skills in young researchers to aid them in the next-generation of scientific research.



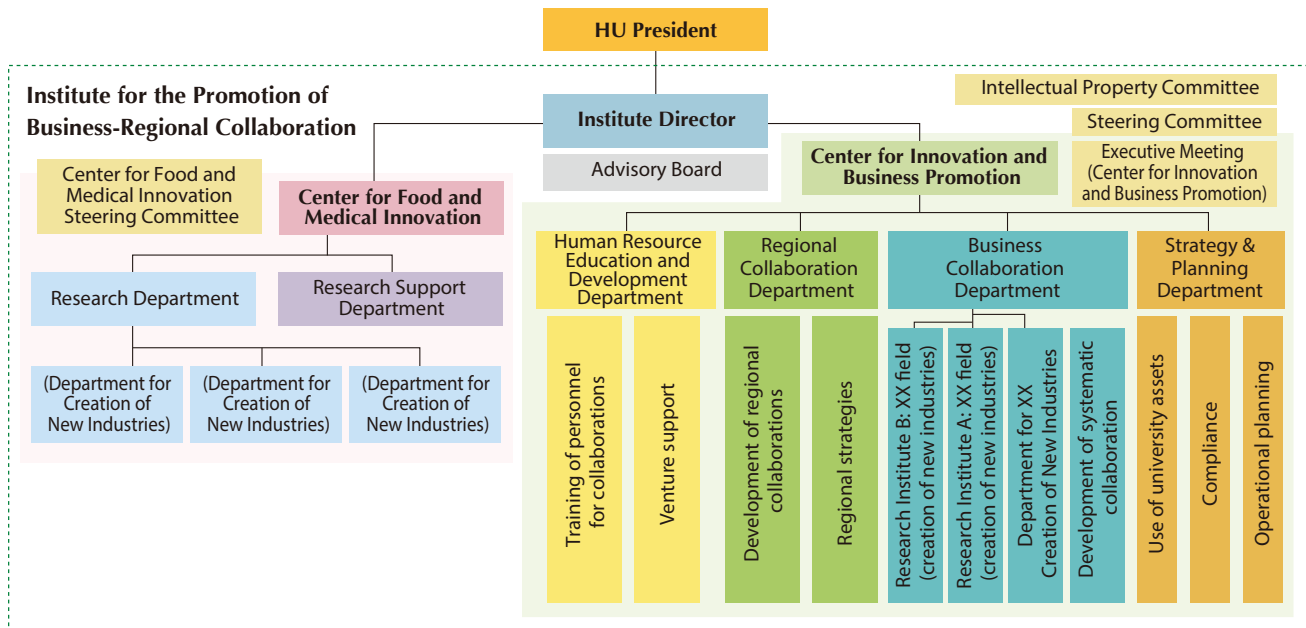
産学・地域協働推進機構

Institute for the Promotion of Business-Regional Collaboration

The Institute for the Promotion of Business-Regional Collaboration consists of the Center for Innovation and Business Promotion which engages in joint research and creation of intellectual properties (IPs), and the Center for Food and Medical Innovation which promotes and facilitates collaboration between food and/or medical companies and the University.

The Institute aims to implement a broad variety of University research results directly to society by realizing a next-generation of collaboration with companies, communities, and other universities.

In order to contribute University results to society promptly, the Institute strongly and systematically facilitates and coordinates commercialization of the University IPs and policy proposals to local government.



産業推進本部

Center for Innovation and Business Promotion

Strategy & Planning Department

Promotes practical learning through effective use of tangible and intangible assets in society.

- Promotes implementation of research results in society through use of advanced business collaboration facilities and jointly used equipment
- Promotes effective use of the University's assets, such as intellectual property rights (patents, copyrights, etc.), tangible research and development results and the Hokkaido University brand, in society

Business Collaboration Department

Promotes systematic business collaborations to create new industries

- Promotes all processes for creation of new industries, from contracts to progress management. This is conducted through equal-partnership business collaboration policies by our management functions and implementation department (Department for Creation of New Industries).

Regional Collaboration Department

Development of systematic regional collaborations for implementation of results in communities

- Collects information on collaborative activities for community implementation of solutions to regional issues, particularly in the humanities.
- Promotes systematic collaboration to solve regional issues, including collaboration between the humanities and sciences.

Human Resource Education and Development Department

Educates future venture capitalists and coordinators

- Effectively links resources inside and outside the University to support people with a business plan
- Educates future coordinators by strengthening collaborations with communities, companies and supporting organizations

39 Campus Centers

フード&メディカルイノベーション(FMI)推進本部

Center for Food and Medical Innovation

Research Department

Tasks related to implementation of research and development projects at the Global Research Hub for Food and Medical Innovation

- Establishes research organizations for systematic business collaborations (Department for Creation of New Industries).

Strategic Support Department

Supports research and development projects at the Global Research Hub for Food and Medical Innovation

- Promotes and supports research and development projects for creation of innovations through linkage of food, physical activity, health and medicine-related initiatives

大学力強化推進本部

Office for Enhancing Institutional Capacity

The Office is to make proactive measures to improve our research capability and increase educational and research activities in global scale.

Research Promotion Hub

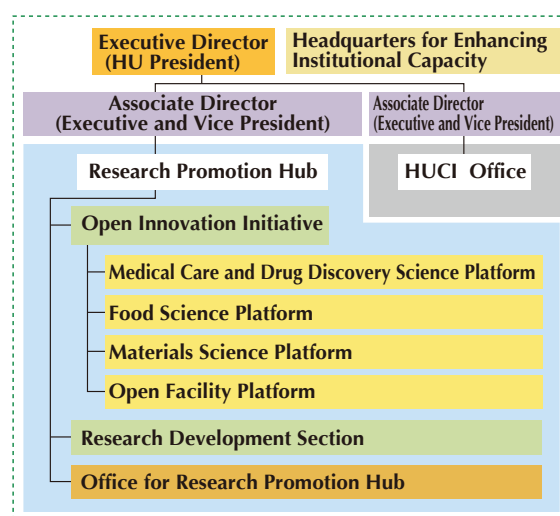
The Research Promotion Hub mainly conducts affairs about the promotion of research in the project for enhancing next-generation institutional capacity.

The Open Innovation Initiative conducts liaison and coordination between several projects in the research field become our advantage along with promote the application and development of findings.

The Research Development Section conducts affairs about system reforms for enhancing institutional capacity with focus on reinforcement of research capacity and globalization, both multidisciplinary and University-wide based planning of research strategy, research promotion.

Hokkaido Universal Campus Initiative (HUCI) Office

The Office manages and facilitates the progress of the initiative entitled “the Hokkaido Universal Campus Initiative” which enhances HU’s competitiveness among higher education in the world by means of educational reform as well as internationalization in the area of university management and operation. The Japanese government financially supports the Initiative for ten years since 2014 under the “Top Global University Project” .



HU Partnerships with Private Companies/Research Institutes (13 partnerships)

Partners	Concluded	Partners	Concluded
Hitachi, Ltd.	2003.4.1	Nippon Telegraph and Telephone Corporation (NTT),	2008.12.9
Fuji Electric Co.,Ltd	2004.7.1	Nippon Telegraph and Telephone East Corporation (NTT East)	
Development Bank of Japan, Inc.	2004.7.22	Northern Advancement Center for Science and Technology	2009.6.2
National Institute for Materials Science (NIMS)	2004.12.7	National Institutes of Technology: Hakodate College,	2009.12.15
National Institute of Advanced Industrial Science and Technology (AIST)	2005.2.10	Tomakomai College, Kushiro College, and Asahikawa College	
Japan International Cooperation Agency (JICA)	2005.4.12	High Energy Accelerator Research Organization (KEK)	2010.7.1
North Pacific Bank, Ltd.	2005.6.24	Local Independent Administrative Agency Hokkaido	2011.3.29
Japan Aerospace Exploration Agency (JAXA)	2008.10.31	Research Organization	

Data as of May 1, 2015

Alliance Agreements Concerning Technology Transfer of Intellectual Property Held by Universities and Other Academic Institutions Within the Hokkaido Region

Partners	Concluded
Kitami Institute of Technology	2009.6.4
Rakuno Gakuen University	2009.6.4
Muroran Institute of Technology	2009.10.5
Future University Hakodate	2012.2.1

Data as of May 1, 2015

Regional Cooperation Agreements

Partners	Concluded
Hokkaido Government, City of Sapporo, Hokkaido Economic Federation, and the Hokkaido Bureau of Economy, Trade and Industry	2004.7.30

Data as of May 1, 2015

アドミッションセンター

Admission Center



Open campus



Career planning in Tokyo, Osaka, and Nagoya

The Hokkaido University Admission Center plays the go-between role matching students who want to study at Hokkaido University with our faculties and research institutes. The Center is responsible for conducting entrance examinations and overseeing admissions. It is open to everyone who wants to study at Hokkaido University: high school graduates, adults who want to continue their education, University students who want to go on to graduate school, and even junior high and elementary school students who wish to use our educational facilities.

<http://e-apply.jp/shutsugan/c/hokudai>

キャリアセンター

Career Center

This Center provides advisory services tailored to the needs of each student in designing life plans. It also holds recruitment events, offers individual consultations, and can act as a gateway to internships and fruitful business connections.

<http://www.oia.hokudai.ac.jp/current-students/career/>



Company research seminar



Career Center help desk



高等教育推進機構

Institute for the Advancement of Higher Education

The Institute strengthens the educational cooperation between faculties and schools of the University, improves the educational function of the University, and promotes studies on higher education to realize higher education ideals.

General Education Division

Plans, drafts, and makes adjustments to general education. The division includes a General Education Laboratory Exercise in Natural Sciences.

Graduate School Education Division

Plans, drafts, and makes adjustments to common subjects across the University's graduate schools, and promotes leading programs of the graduate schools.

First Year Education Division

Provides services for first year students such as course planning and educational guidance as well as assistance in preparing for the second year of university. They also manage the University register.

Higher Education Research and Development Division

Consists of a Research Division of Higher Education which is involved in practical research and study concerning higher education.

Teaching and Learning Center

Consists of three divisions: Faculty Development (FD), Staff Development (SD) and Learning Support (LS). The Center carries out FD and SD in the University and acts as a training center for Hokkaido prefecture. LS is for students at the University.

Center for Open Education

Consists of two divisions: e-Learning and the Communication in Science & Technology Education & Research Program. Utilizing information and communication technology, the Center supports teaching and learning, and researches and develops open education resources.

Sports Training Center

Provides physical education instruction for University students and staff.





北海道大学病院

Hokkaido University Hospital

Established in 1921, Hokkaido University Hospital provides high quality medicine, cultivates competent persons in the medical field, promotes advanced medical technology, and seeks to contribute to the health and well-being of the community.

<http://www.huhp.hokudai.ac.jp/english/med01.html>



Proton Beam Therapy Center Treatment Room



da Vinci Surgical System Si

附属図書館

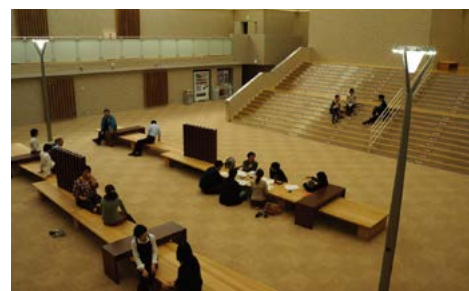
University Libraries



Central Library

As one of Japan's leading research libraries, the Hokkaido University libraries hold approximately 3.88 million books and journals including a unique collection of materials particularly focused on the northern region. In order to raise the level of academic communication, we continue to increase our electronic collection offerings and develop our institutional repository. With a seating capacity of around 1,600, our libraries continue to play a vital role as places of learning.

<http://www.lib.hokudai.ac.jp/en/>



Media Court (Central Library)

Collections (data as March 31, 2015)

	Japanese Books	Foreign Books	TOTAL	Journals
Central Library	1,014,737	833,858	1,848,595	32,669
North Library	254,326	116,273	370,599	1,730
Collections by Department	770,365	892,766	1,663,131	48,796
TOTAL	2,039,428	1,842,897	3,882,325	83,195

Library Hours

Note: Library hours can vary depending on time of year. Please check the website for further information.

	Monday through Friday	Saturday, Sunday, and Holidays
Open-stack reading rooms	8:00 – 22:00	9:00 – 19:00
Stack rooms	9:00 – 20:00	9:00 – 18:30
Group study rooms	8:00 – 21:30	9:00 – 18:30
Fourth-floor reading room (North Library)	8:00 – 21:30	9:00 – 18:30
Multimedia room (North Library)	8:00 – 21:30	9:00 – 19:00



Northern Studies Collection

総合博物館

Hokkaido University Museum

The Hokkaido University Museum was established in 1999. The main roles of our museum are to collect scientifically significant specimens and historical documents, to hold exhibitions based on the results of past and present research, and to offer educational programs to students and the public.

<http://www.museum.hokudai.ac.jp/english/index.html>



The Nipponosaurus, or "Japanese lizard", is a member of duck-billed dinosaurs from the Sakhalin Islands. Its skeleton was discovered in 1934 and named by Professor Takumi Nagao in 1936. This dinosaur, from the late Cretaceous period, is historically important because it is the first dinosaur studied and named by a Japanese scientist.

Opening Hours :

June - Oct. 9:30 - 16:30 / Nov. - May 10:00 - 16:00

(closed Mondays) Admission is free.

[CLOSED from April 1, 2015 until July 2016 for earthquake-resistance construction work]

大学文書館

Hokkaido University Archives

The Hokkaido University Archives collects, organizes, preserves, and shares important documents pertaining to the University. Archived documents include historically valuable items such as personal diaries, lecture notes, correspondence, manuscripts, albums, and calligraphy from University affiliated students, faculty, and staff accumulated from the official history, students' reports, research documents, publications, and commemorative photos of each faculty.

The Archives investigates such documents as these and researches Hokkaido University history, publishes yearly reports, and holds meetings to publicize the results. The Archives also strives to keep in touch with the present—by holding exhibitions that focus on students' lives such as an exhibition on alumni that have moved to Taiwan—as it introduces the past history and historical documents of the University to a broader audience.



保健センター

Health Care Center

The Hokkaido University Health Care Center provides medical checkups, health consultation, and primary care for non-life threatening conditions such as lacerations, burns, common colds, stomach ache, and flu to students and staff. For a complete list of services, please refer to the website.

<http://www.oia.hokudai.ac.jp/current-students/health-and-wellness/health-care/health-care-center/>

埋蔵文化財調査センター

Archaeological Research Center

The Archaeological Research Center's mission is to promote and facilitate the rescue excavation, study, conservation, and public understanding of our archaeological heritage from the campus of Hokkaido University.

<http://www.hucc.hokudai.ac.jp/~q16697/maibun/>



Excavation of pit dwelling in the campus of Hokkaido University

43 Campus Offices

人材育成本部

Front Office for Human Resource Education and Development

This office consists of S-cubic, I-HoP, Tenure-Track, and the FResHU offices and targets education and development of young postdoctoral researchers and PhD students.

S-cubic

The S-cubic office was established 10 years ago to support PhD students (DC) and post-doctoral researchers (PD) in developing and designing their own career path, especially for those aiming to work in the private sector.

The office operates Hi-System, a web-based information exchange system that provides a link between DC, PD, teaching staff and industry, and Advanced COSA, a program in which research directors from companies are invited to help provide a new awareness of various career paths. It also plans and executes MOT lectures that serve as seminars on career management and support for multiple career paths.

The office also promotes practical participation events such as the Akaiito-Kai ("Red Thread Society", a reference to the East Asian belief that those who are meant to meet are connected by a red thread) that directly match DC and PD with companies, and provides support for internships in which DC and PD can gain practical work experience.

Through these activities, the S-cubic office provides many DC and PD each year with the opportunity to launch exciting careers in industry.

<http://www.sci.hokudai.ac.jp/s-cubic/e/index.html>

I-HoP

The Hokudai International Human Resource Development Program (I-HoP), was chartered to enhance the research capacity of the University by inviting talented PhD's and postdoc's from abroad. In order to make Hokkaido University more attractive to young foreign researchers who may not be fluent in Japanese, provision of multiple career options including work at Japanese corporation may be mutually beneficial, for researchers and Japanese industry. I-HoP provides skill development programs to lower the entry barriers to Japanese corporations and will plan a match-making mechanism between the researchers and industry laboratories. Improving and enhancing the IT infrastructure to support these activities will be included. Because I-HoP is a pioneering initiative for Hokkaido University as well as for international researchers and Japanese industry, measuring the status quo for change management and renovating mindset of all the stakeholders will be an integral part of its activities.

http://www2.synfoster.hokudai.ac.jp/cgi-bin/index.pl?view_category_lang=2

Tenure-Track

The Promotion Office for Tenure-Track plays an important role in the Hokkaido University Tenure-Track System in supporting skilled young researchers to become future leaders by advertising posts both domestically and internationally. The office also aims to standardize the Hokudai Tenure-Track System and the Tenure-Track Promotion Program through-out the divisions and the departments of Hokkaido University.

<http://tenure-track.cris.hokudai.ac.jp/>

FResHU

The Support Office for Female Researchers in Hokkaido University (FResHU) has been established within the framework of Hokkaido University's policy of promoting gender equality. Female undergraduate and graduate students, research and teaching staff alike need a learning and working environment in which their talents can develop to their full potential.

For this purpose, FResHU seeks to provide the beneficiaries of the program not only with specific guidance and mentoring, but also with sources of inspiration and role models, and by striving to induce changes in the general attitude towards women in academia.

Hokkaido University has committed itself to a 'Triple Twenties Policy': by 2020, 20% of all staff in teaching and research positions should be women. To achieve this goal, the University has devised a "positive action scheme" which incorporates substantial incentives for faculties and departments to select and appoint women. In addition, the University will reach out to young women in high school, guiding and supporting their future study choices, to address the issue of female representation in science at the grass roots level.

<http://freshu.ist.hokudai.ac.jp/en/>

Activities of the Consortium Office for Fostering of Researchers in Future Generations (COFRE)

One of Hokkaido University's representative organizations, COFRE was established in FY 2014 together with Tohoku University and Nagoya University as part of the Program for Constructing Consortia for the Education of Scientific and Technological Personnel launched by the Ministry of Education, Culture, Sports, Science and Technology.

Under this program, the three universities have created a consortium in which they combine all of their researcher education resources to construct a system for fostering the next generation of researchers, supporting a diverse range of fields.

The consortium makes effective use of the know-how and resources on research and human resource development accumulated by each of the three universities. In addition to promoting increased expertise in the autonomous research environments of young researchers, the consortium provides these researchers with the ability to fully exercise these skills in a variety of situations both in Japan and overseas, producing a new generation of scientific and technological personnel with a global mindset and transferrable skills.

In principle, the duration of study with COFRE is a comparatively long 5 years, providing sufficient time for students to acquire the diverse range of fundamental knowledge required to become a researcher. This project consists of two programs: the Education Program for the Next Generation of Researchers, aimed at assistant professors with fixed term contracts, and the Cooperative Education Program for Developing Innovative Human Resources, which is open to PD and DC.

<http://cofre.synfoster.hokudai.ac.jp/cgi-bin/index.pl>



Poster presentation at the Akai Ito Kai & Midori no Kai



Leadership workshop

サステイナブルキャンパス推進本部

Office for a Sustainable Campus

The Office for a Sustainable Campus is working hard to achieve zero emissions on campus through the use of natural and renewable energy, and help Hokkaido University play a leading role in achieving a sustainable society.

Campus Assessment Division

Devises a basic plan and an action plan; conducts the assessment system for sustainable campus (ASSC) and develops participatory programs.

Environmental Impact Reduction Division

Devises an action plan; implements measures to save energy; and applies soft assets to environmental management in the campus.

Environmental Preservation Center

3R Campaign (reduce, reuse, and recycle) and waste management in the campus.

<http://www.osc.hokudai.ac.jp/en/>



Sustainable campus café.

1st interactive meeting to bridge the gap between all divisions.



Utilization of woody biomass.

Free distribution of trimmed boughs in campus.

安全衛生本部

Office of Health and Safety

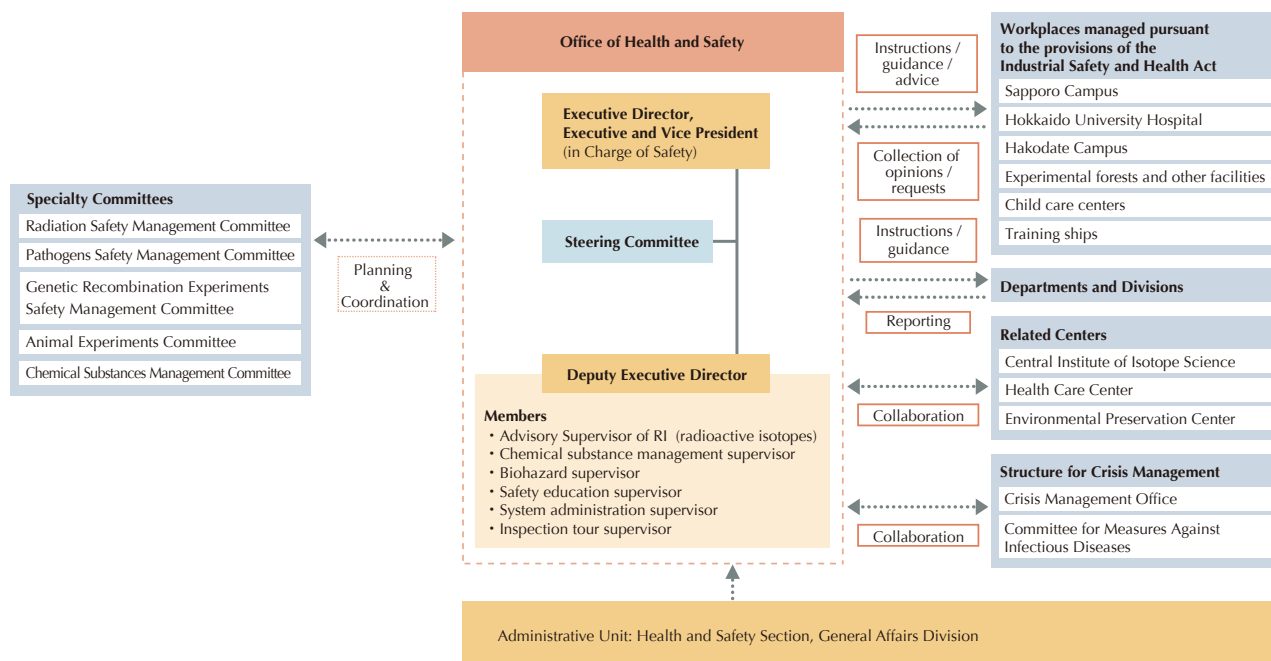
HU establishes structures for safety and health management in each workplace (e.g., Sapporo Campus, Hokkaido University Hospital, and the Hakodate Campus) based on the provisions of the Industrial Safety and Health Act. As the University is a conglomeration of colleges, related safety and health issues encompass a wide range of considerations, including matters arising from diverse research activities, research ethics, and bioethics that affect staff as well as students, patients, visitors and others. The Office of Health and Safety, monitors these issues and plans, devises and supervises safety and health measures from a campus-wide perspective.

Duties and functions

- Identification of safety and health initiatives and challenges
- Planning and design of safety / health measures
- Supervision of matters concerning safety / health and provision of related guidance



Safety inspection



45 Alumni Associations

Hokudai Alumni Associations Across Japan and the World

- 1 Hokkaido University Hokkaido Company
- 2 Hokkaido University Hakodate Alumni Association
- 3 Tokachi Elm Association
- 4 Asahikawa Hokudai Alumni Association
- 5 Iwate Hokudai Association
- 6 Hokkaido University Miyagi Prefecture Alumni Association
- 7 Hokkaido University Fukushima Prefecture Alumni Association
- 8 Hokkaido University Ibaraki Prefecture Alumni Association
- 9 Hokkaido University Tochigi Alumni Association
- 10 Jomo Elm Association
- 11 Hokkaido University Tokyo Alumni Association
- 12 Hokkaido University Niigata Alumni Association
- 13 Hokkaido University Kansai Alumni Association
- 14 Kyoto Elm Association
- 15 Tottori Prefecture Hokudai Alumni Association
- 16 Okayama Hokudai Elm Association
- 17 Hiroshima Elm Association
- 18 Kyushu / Yamaguchi Hokudai Elm Association
- 19 Hokkaido University Alumni Association Kagawa Branch
- 20 Ehime Elm Association
- 21 Hokkaido University Kochi Prefecture Alumni Association
- 22 Hokkaido University Alumni Association Saga Prefecture Branch
- 23 Hokkaido University Oita Prefecture Alumni Association
- 24 Miyazaki Elm Association
- 25 Kagoshima Elm Association



- 26 Hokkaido University
China Alumni Association
- 27 Hokkaido University
Taiwan Alumni Association
- 28 Hokkaido University
Korea Alumni Association
- 29 Brazil Hokkaido University
Alumni Association
- 30 Hokkaido University
Indonesian Alumni Club

Our alumni and staff remain a source of inspiration...

Sapporo Campus

... we are cosmopolitan, and accessible...



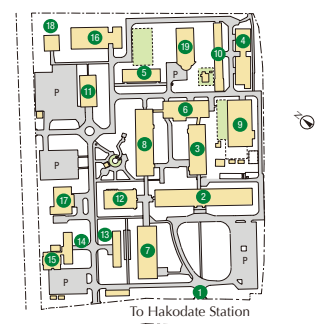
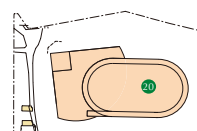
Hakodate Campus



Picturesque Hakodate is home to Hokkaido University's Faculty of Fisheries Science and is located on the south-west of the island. With a population of approximately 280,000 people, the coastal city is at the base of Mount Hakodate, which boasts amazing natural beauty. The view from the summit is renowned for having one of the most beautiful views in Japan, particularly at night. Since it opened in 1935, the Hakodate Campus has had a proud history of being at the forefront of fisheries research and is one of the largest campuses of its kind in Japan.

Hakodate Campus Map

- | | |
|---|---|
| ① Main Gate | ⑫ Library |
| ② Main Building | ⑬ Aquatic Biological Specimen House (Nakabe Hall) |
| ③ Annex Building | ⑭ Fisheries Museum (main building) |
| ④ Marine Bioresources Research Building | ⑮ Fisheries Museum (annex) |
| ⑤ Marine Frontier Research Building | ⑯ Gymnasium |
| ⑥ Marine Science Creative Research Building | ⑰ Student Center |
| ⑦ Lecture-room Building | ⑱ Student Activities Building |
| ⑧ Student Laboratories | ⑲ Swimming Pool |
| ⑨ Controlled Environment Rooms | ⑳ Athletic Field |
| ⑩ Towing Tank Room | |
| ⑪ Auditorium | |



47 Sapporo Campus Map



Administration, Planning, and Offices

MAIN TEL. +81(0)11-716-2111 unless indicated, please use the main tel. number

① Administration Bureau
General Affairs and Planning Dept., Finance Dept.,
Research Promotion Dept., Facilities Dept.
Kita 8, Nishi 5, Kita-ku, Sapporo 060-0808

② Academic Affairs Dept.
Student Support Division,
Entrance Exam Division, Admission Center
Kita 17, Nishi 8, Kita-ku, Sapporo 060-0817
Tel: +81-(0)11-706-7484
Fax: +81-(0)11-706-7488
E-mail: ac-info@academic.hokudai.ac.jp
<http://www.hokudai.ac.jp/bureau/nyu/index.html>

③ Front Office for Human Resource
Education and Development
Kita 8, Nishi 5, Kita-ku, Sapporo 060-0808

④ Career Center
Kita 8, Nishi 8, Kita-ku, Sapporo 060-0808
Office Hours: 8:30 - 18:00
(Except on Saturdays, Sundays, and national holidays)
Tel: +81-(0)11-706-3271
E-mail: ccadv@academic.hokudai.ac.jp

⑤ Institute for the Promotion of
Business-Regional Collaboration
(Center for Innovation and Business Promotion)
Kita 21, Nishi 11, Kita-ku, Sapporo 001-0021

⑥ Creative Research Institution (CRIS)
Kita 21, Nishi 10, Kita-ku, Sapporo 001-0021

⑦ Division of Fund-Raising Strategy,
Research Promotion Dept.
Kita 21, Nishi 10, Kita-ku, Sapporo 001-0021

⑧ Office of International Affairs /
International Student Center
Kita 15, Nishi 8, Kita-ku, Sapporo 060-0815

- Division of International Relations
Tel: +81-(0)11-706-8023
Fax: +81-(0)11-706-8036
- Division of International Academic Programs
Tel: +81-(0)11-706-8053
Fax: +81-(0)11-706-8067
E-mail: ryugaku@oia.hokudai.ac.jp
- Division of International Exchange
Tel: +81-(0)11-706-8035
Fax: +81-(0)11-706-8037
E-mail: dis@oia.hokudai.ac.jp

⑨ Institute for the Advancement
of Higher Education
Kita 17, Nishi 8, Kita-ku, Sapporo 060-0817

⑩ Office of Health and Safety
Kita 8, Nishi 5, Kita-ku, Sapporo 060-0808

⑪ Office of Internal Auditors
Kita 8, Nishi 5, Kita-ku, Sapporo 060-0808

⑫ Office for a Sustainable Campus
Kita 8, Nishi 5, Kita-ku, Sapporo 060-0808
Tel: +81(0)11-706-4530

⑬ Information Center
Kita 8, Nishi 5, Kita-ku, Sapporo 060-0808
Tel: +81(0)11-706-4680

Experimental Station for
Medicinal Plant Studies
Kita 3, Nishi 8, Chuo-ku, Sapporo 060-0003
Tel: +81(0)11-221-0066

Front Office for Human Resource
Education and Development

S-cubic
Tel: +81(0)11-706-3275
Fax: +81(0)11-706-3584
E-mail: s-cubic@synfoster.hokudai.ac.jp
I-HoP
Tel: +81(0)11-706-2157
E-mail: ihop@synfoster.hokudai.ac.jp
Tenure-Track
Tel: +81(0)11-706-9181
E-mail: lstation@cris.hokudai.ac.jp
FResHU
Tel: +81(0)11-706-3625
Fax: +81(0)11-706-3692
E-mail: freshu@synfoster.hokudai.ac.jp

COFRE

Tel: +81(0)11-706-2271
Fax: +81(0)11-706-3584
E-mail: cofre@synfoster.hokudai.ac.jp

Tokyo Office

Sapia Tower 10 F,
Marunouchi 1 chome 7-12,
Chiyoda-ku, Tokyo 100-0005
Tel & Fax: +81-3-3211-2055
E-mail: tokyo@general.hokudai.ac.jp

Office Hours: Weekdays 10:00-18:00
(Closed on Saturdays, Sundays,
and Dec. 29 - Jan.3)

Osaka Alumni House

Osaka Station Dai 2 Bldg. 2nd F,
Umeda 1 chome 2-2-200, Kita-ku,
Osaka 530-0001

Tel & Fax: +81-6-6343-3736
(Closed on Aug. 13-16, and Dec. 29 - Jan.3)

Child Care Services

① 'Tomoni' Child Care Center
Kita 7, Nishi 9, Kita-ku, Sapporo 060-0807
Tel: +81(0)11-706-2151

② 'Kodomo No Sono' Child Care Center
Kita 11, Nishi 5, Kita-ku, Sapporo 060-0811
Tel: +81(0)11-706-4588

International Offices

Seoul Office

703, 11, Teheran-ro 7-gil, Gangnam-Gu, Seoul, Korea 135-912
Tel: +82-2-501-9400 Fax: +82-2-501-9410
E-mail: seouloffice@hokudai.kr
<http://www.hokudai.kr>

Office Hours: Weekdays 9:00-17:00
(Closed on Saturdays, Sundays, and Korean national holidays)

Helsinki Office

Fabianinkatu 26, 00100 Helsinki, P.O. Box 4, 00014, Helsinki University, Finland
Tel: +358-44-757-5135
E-mail: helsinki_office@oia.hokudai.ac.jp
<http://www.hokudai.fi>

Office Hours: Weekdays 9:00-11:00, 13:00-16:30
(Closed on Saturdays, Sundays, and Finnish national holidays)

Health Related

① Hokkaido University Hospital
Kita 14, Nishi 5, Kita-ku,
Sapporo 060-8648
Tel: +81(0)11-716-1161

② Health Care Center
Kita 16, Nishi 7, Kita-ku,
Sapporo 060-0816

Lusaka Office

c/o Department of Disease Control, School of Veterinary Medicine,
University of Zambia (Great East Road Campus),
P.O. Box 32379, Lusaka 10101, Zambia
Tel: +260-974-038329
E-mail: lusaka_office@oia.hokudai.ac.jp

Office Hours: Weekdays 9:00-12:00, 13:00-16:30
(Closed on Saturdays, Sundays, and Zambian national holidays)

Libraries and Archives

① Central Library
Kita 8, Nishi 5, Kita-ku, Sapporo 060-0808

② North Library
Kita 17, Nishi 8, Kita-ku, Sapporo 060-0817

③ Hokkaido University Archives
Kita 8, Nishi 5, Kita-ku, Sapporo 060-0808

* numbering relates to locations on page 47 map.

49 Contact Information

Graduate Schools, Faculties, and Schools

- ① **Graduate School / Faculty of Letters**
Kita 10, Nishi 7, Kita-ku, Sapporo 060-0810
- ② **Graduate School / Faculty of Law**
Kita 9, Nishi 7, Kita-ku, Sapporo 060-0809
- ③ **Graduate School / School of Economics and Business Administration**
Kita 9, Nishi 7, Kita-ku, Sapporo 060-0809
- ④ **Faculty / Graduate School / School of Education**
Kita 11, Nishi 7, Kita-ku, Sapporo 060-0811
- ⑤ **Graduate School of International Media, Communication, and Tourism Studies / Research Faculty of Media and Comm.**
Kita 17, Nishi 8, Kita-ku, Sapporo 060-0817
- ⑥ **Graduate School / Faculty of Public Policy**
Kita 9, Nishi 7, Kita-ku, Sapporo 060-0809
- ⑦ **Graduate School / School of Medicine**
Kita 15, Nishi 7, Kita-ku, Sapporo 060-8638
- ⑧ **Graduate School / School of Dental Medicine**
Kita 13, Nishi 7, Kita-ku, Sapporo 060-8586
- ⑨ **Graduate School / School of Veterinary Medicine**
Kita 18, Nishi 9, Kita-ku, Sapporo 060-0818
- ⑩ **Hokkaido University Veterinary Teaching Hospital**
Kita 19, Nishi 10, Kita-ku, Sapporo 060-0819
- ⑪ **Faculty of Pharmaceutical Sciences / School of Pharmaceutical Sciences and Pharmacy**
Kita 12, Nishi 6, Kita-ku, Sapporo 060-0812
- ⑫ **Graduate School / Faculty of Health Sciences**
Kita 12, Nishi 5, Kita-ku, Sapporo 060-0812
- ⑬ **Graduate School of Information Science and Technology**
Kita 14, Nishi 9, Kita-ku, Sapporo 060-0814
- Graduate School / School of Fisheries Sciences**
3-1-1 Minato-cho, Hakodate 041-8611
- ⑭ **Graduate School of Environmental Science / Faculty of Environmental Earth Science**
Kita 10, Nishi 5, Kita-ku, Sapporo 060-0810
- ⑮ **Graduate School / Faculty / School of Science**
Kita 10, Nishi 8, Kita-ku, Sapporo 060-0810
- ⑯ **Graduate School / Research Faculty / Faculty of Agriculture**
Kita 9, Nishi 9, Kita-ku, Sapporo 060-8589
- ⑰ **Graduate School of Life Science**
Kita 10, Nishi 8, Kita-ku, Sapporo 060-0810
- ⑱ **Faculty of Advanced Life Science**
Kita 10, Nishi 8, Kita-ku, Sapporo 060-0810
- ⑲ **Graduate School / Faculty / School of Engineering**
Kita 13, Nishi 8, Kita-ku, Sapporo 060-8628
- ⑳ **Graduate School of Chemical Sciences and Engineering**
Kita 13, Nishi 8, Kita-ku, Sapporo 060-8628

Research Institutes and Centers

- ① **Institute of Low Temperature Science**
Kita 19, Nishi 8, Kita-ku, Sapporo 060-0819
- ② **Research Institute for Electronic Science**
Kita 20, Nishi 10, Kita-ku, Sapporo 001-0020
- ③ **Institute for Genetic Medicine**
Kita 15, Nishi 7, Kita-ku, Sapporo 060-0815
- ④ **Institute for Catalysis**
Kita 21, Nishi 10, Kita-ku, Sapporo 001-0021
- ⑤ **Slavic-Eurasian Research Center**
Kita 9, Nishi 7, Kita-ku, Sapporo 060-0809
- ⑥ **Information Initiative Center(North and South Bldgs.)**
Kita 11, Nishi 5, Kita-ku, Sapporo 060-0811
- ⑦ **Research Center for Zoonosis Control**
Kita 20, Nishi 10, Kita-ku, Sapporo 001-0020
- ⑧ **Central Institute of Isotope Science**
Kita 15, Nishi 7, Kita-ku, Sapporo 060-0815
- ⑨ **Research Center for Integrated Quantum Electronics**
Kita 13, Nishi 8, Kita-ku, Sapporo 060-8628
- ⑩ **Field Science Center for Northern Biosphere**
Kita 11, Nishi 10, Kita-ku, Sapporo 060-0811
- ⑪ **Center for Advanced Tourism Studies**
Kita 17, Nishi 8, Kita-ku, Sapporo 060-0817
- ⑫ **Center for Ainu and Indigenous Studies**
Kita 8, Nishi 6, Kita-ku, Sapporo 060-0808
- ⑬ **Center for Experimental Research in Social Sciences**
Kita 10, Nishi 7, Kita-ku, Sapporo 060-0810
- ⑭ **Center for Environmental and Health Sciences**
Kita 12, Nishi 7, Kita-ku, Sapporo 060-0812
- ⑮ **Arctic Research Center**
Kita 21, Nishi 11, Kita-ku, Sapporo 001-0021
- ⑯ **Research and Education Center for Brain Science**
Kita 15, Nishi 7, Kita-ku, Sapporo 060-0815
- ⑰ **Center for Language Learning**
Kita 17, Nishi 8, Kita-ku, Sapporo 060-0817
- ⑱ **Center for Sustainability Science (CENSUS)**
Kita 9, Nishi 8, Kita-ku, Sapporo 060-0809
- ⑲ **Hokkaido University Museum (Closed until July 2016)**
Kita 10, Nishi 8, Kita-ku, Sapporo 060-0810
- ㉑ **Archaeological Research Center**
Kita 11, Nishi 7, Kita-ku, Sapporo 060-0811
- ㉒ **Global Institution for Collaborative Research and Education (GI-CoRE)**
Kita 15, Nishi 8, Kita-ku, Sapporo 060-0815
- ㉓ **Global Station for Quantum Medical Science and Engineering**
Kita 15, Nishi 7, Kita-ku, Sapporo 060-8648
- ㉔ **Global Station for Zoonosis Control**
Kita 20, Nishi 10, Kita-ku, Sapporo 001-0020
- ㉕ **Global Station for Food, Land and Water Resources**
Kita 9, Nishi 10, Kita-ku, Sapporo 060-8589
- ㉖ **Frontier Research in Applied Sciences Bldg.**
Kita 13, Nishi 8, Kita-ku, Sapporo 060-8628

* numbering relates to locations on page 47 map.

Accommodation

① Keiteki Student Dormitory

Kita 18, Nishi 13, Kita-ku, Sapporo 060-0818
Tel: +81(0)11-747-7849

Sosei Student Dormitory

Kita 14, Nishi 2, Kita-ku, Sapporo 001-0014
Tel: +81(0)11-758-7934

② Foreign Scholars' Accomodation

Kita 24, Nishi 12, Kita-ku, Sapporo 001-0024
Tel: +81(0)11-707-3711

③ Hokkaido University International House Kita 8

Kita 8, Nishi 11, Kita-ku, Sapporo 060-0808
Tel: +81(0)11-736-6211

④ Hokkaido University International House Kita 23

Kita 23, Nishi 13, Kita-ku, Sapporo 001-0023
Tel: +81(0)11-700-3455

Hokushin Student Dormitory / Oshoro Guest House

Nakamichi 1-9-1, Hakodate 041-0853
Tel: +81(0)138-52-1160

Conference and Event Facilities

① Conference Hall

Kita 8, Nishi 5, Kita-ku,
Sapporo 060-0808
Tel: +81(0)11-706-2141 (Office)

② Centennial Hall

Kita 9, Nishi 6, Kita-ku,
Sapporo 060-0809
Tel: +81(0)11-706-3211 (Office)

Faculty House Trillium

③ Kita 11, Nishi 8, Kita-ku,
Sapporo 060-0811
Tel: +81(0)11-706-2394 (Office)
*Reservation
Tel: +81(0)11-706-2042

④ Enyu Gakusha

Kita 18, Nishi 7, Kita-ku,
Sapporo 001-0018
Tel: +81(0)11-706-7455

⑤ Clark Memorial Student Center

Kita 8, Nishi 5, Kita-ku,
Sapporo 060-0808
Tel: +81(0)11-706-2989

⑥ Student Center for Extracurricular Activities

Kita 17, Nishi 12, Kita-ku,
Sapporo 060-0817
Tel: +81(0)11-747-3136

⑦ Multimedia Education Building

Kita 17, Nishi 8, Kita-ku,
Sapporo 060-0817
Tel: +81(0)11-706-7500

Off-Campus Research Stations and Facilities

Usu Volcano Observatory,
Institute of Seismology and Volcanology, Faculty of Science
Tatsuka 142, Sobetsu-cho, Usu-gun 052-0106
Tel: +81(0)142-66-4011

Northern Forestry Research and Development Office,
Forest Research Station*

Aza Tokuda 250, Nayoro 096-0071
Tel: +81(0)1654-2-4264

Teshio Experimental Forest,
Northern Forestry Research and Development Office,
Forest Research Station*

Aza Toikanbetsu 131, Horonobe-cho, Teshio-gun 098-2943
Tel: +81(0)1632-6-5211

Nakagawa Experimental Forest, Northern Forestry Research
and Development Office, Forest Research Station*

Aza Otoineppu 483, Otoineppu-mura, Nakagawa-gun 098-2501
Tel: +81(0)1656-5-3216

Uryu Experimental Forest, Northern Forestry Research
and Development Office, Forest Research Station*

Aza Moshiri, Horokanai-cho, Uryu-gun 074-0741
Tel: +81(0)1653-8-2125

Tomakomai Experimental Forest, Southern Forestry Research
and Development Office, Forest Research Station*

Aza Takaoka, Tomakomai 053-0035
Tel: +81(0)144-33-2171

Hiyama Experimental Forest, Southern Forestry Research
and Development Office, Forest Research Station*

Aza Odome 172-1, Kaminokuni-cho, Hiyama-gun 049-0611
Tel: +81(0)1395-5-2048

Wakayama Experimental Forest, Southern Forestry Research
and Development Office, Forest Research Station*

Hirai 559, Kozakawa-cho, Higashimuro-gun Wakayama
Prefecture 649-4563
Tel: +81(0)735-77-0321

Yoichi Orchard, Experimental Farm,

Agro-Ecosystem Research Station*
Yamada-cho, Yoichi-cho, Yoichi-gun 046-0012
Tel: +81(0)135-22-3287

Shizunai Livestock Farm,
Agro-Ecosystem Research Station*
Shizunai Misono 111, Shinhidaka-cho, Hidaka-gun 056-0141
Tel: +81(0)146-46-2021

Akkeshi Marine Station, Aquatic Research Station*

Aikappu 1, Akkeshi-cho, Akkeshi-gun 088-1113
Tel: +81(0)153-52-2056

Muroran Marine Station, Aquatic Research Station*

Funami-cho 1 chome 133-31, Muroran 051-0013
Tel: +81(0)143-22-2846

Toya Lake Station, Aquatic Research Station*

Tsukiura 122, Toyako-cho, Abuta-gun 049-5723
Tel: +81(0)142-75-2651

Usujiri Fisheries Station, Aquatic Research Station*

Usujiri-cho 152, Hakodate 041-1613
Tel: +81(0)138-25-3237

Nanae Freshwater Station, Aquatic Research Station*

Sakura-cho 2 chome 9-1, Nanae-cho, Kameda-gun 041-1105
Tel: +81(0)138-65-2344

Oshoro Marine Station, Aquatic Research Station*

Oshoro 1-460, Otaru 048-2561
Tel: +81(0)134-64-2303

Otaki Seminar House

Yutoku-cho 32, Otaki-ku, Date 052-0317
Tel: +81(0)142-68-6155 (Office)
Tel: +81(0)11-706-7469 (Reservations)

Nibutani House

Aza Nibutani, Biratori-cho, Saryu-gun 055-0101
Tel: +81(0)1457-2-2789

Shari House

Hon-cho 46-13, Shari-cho, Shari-gun 099-4113
Tel: +81(0)1522-3-0373

* numbering relates to locations on page 47 map.







Hokkaido University Symbol Mark

The Hokkaido University symbol mark is a stylized design of a Trillium (Liliaceae (lily family)), a perennial which grows wild on campus.

The design was selected in a contest in 1950, and in 1996, on the 120th anniversary of the University, it was altered to its present form and was formally made the University's symbol.

The petals and sepal which make up the six directions (East, West, South, North, Heaven, and Earth) symbolize the dissemination of information from Hokkaido University to Japan and to the world.

Office of International Affairs

Kita 15, Nishi 8, Kita-ku, Sapporo, 060-0815

pr@oia.hokudai.ac.jp

<http://www.oia.hokudai.ac.jp/>

Produced November 2015
(Information as of May 2015)