HOKKAIDO UNIVERSITY

DEGREE PROGRAMS IN ENGLISH

LIVE IN HOKKAIDO
Study in English!
Greetings from Hokkaido University...

I'm very happy to introduce Hokkaido University’s broad range of degree programs for international students. The programs in this brochure are taught and supported entirely in English, and are designed to open our doors to students from around the world who are seeking to enroll in top-class degree programs in Japan. Our welcoming, exciting, multi-cultural campus will prepare you for success in the diverse global economy. You will enjoy abundant opportunities to work closely and collaboratively with faculty and fellow students and to engage in cutting-edge research, enriching your study abroad experience.

The degree programs in this brochure exemplify Hokkaido University’s flexible and innovative approach to education and research – both an opportunity for personal career development and a chance to address issues facing contemporary today. We here at Hokkaido University are confident that students who enroll in these programs will benefit from, and enjoy an educational experience of the highest quality. I also hope that Hokkaido University surpasses your own expectations and look forward to welcoming you to our beautiful campus in the heart of this great city of Sapporo.

ICHIRO UYEDA  
Vice President, Hokkaido University  
Executive Director Office of International Affairs
Contents

HOKKAIDO UNIVERSITY INTRODUCTION ................................................. P3.4
MODERN JAPANESE STUDIES PROGRAM ........................................... P5.6
E3 ENGLISH ENGINEERING PROGRAM ........................................... P7.8
SPECIAL POSTGRADUATE PROGRAM IN BIOSPHERE SUSTAINABILITY SCIENCE ................................................ P9.10
INTERNATIONAL GRADUATE PROGRAM IN THE NATURAL HISTORY SCIENCES ........................................... P11.12
TRAINING PROGRAM FOR GLOBAL LEADERS IN LIFE SCIENCES ........................................... P13.14
INTERNATIONAL PROGRAM OF PhD DEGREE ADVANCED GRADUATE SCHOOL OF CHEMISTRY AND MATERIALS SCIENCE ................................................ P15.16
FOSTERING GLOBAL LEADERS IN VETERINARY SCIENCE TOWARD CONTRIBUTING TO ONE HEALTH ................................................ P17.18
SPECIAL TRAINING PROGRAM FOR VETERINARY RESEARCHERS TOWARD BUILDING AN INTERNATIONAL NETWORK OF VETERINARY RESEARCHERS ................................................ P19.20
GLOBAL ENVIRONMENTAL MANAGEMENT / ENGLISH PROGRAM OF ENVIRONMENTAL EARTH SCIENCE FOR SUSTAINABLE SOCIETY ................................................ P21.22
HOKKAIDO UNIVERSITY

Hokkaido University’s campus is an oasis of green in the middle of the modern city of Sapporo.

TOP 10 UNIVERSITY IN JAPAN
In 2013, Hokkaido University was ranked equal 4th in Japan by the Academic Ranking of World Universities and in the top 150 in the world. Since our inclusion as one of the Imperial Universities back in 1907, we have remained in the top tier of universities in Japan.

MOST BEAUTIFUL CAMPUS
In a special edition of the Asahi Newspaper, Sapporo Campus was voted as the most beautiful in Japan. Of the #350 who responded to the questionnaire, more than 40% voted for Hokkaido University (2009).

MOST DESIRABLE CITY
In surveys conducted in 2007, 2010, and 2012, Sapporo has consistently ranked in the top 3 cities in Japan to live. *SBI Life Living

HIGH STUDENT SATISFACTION
In a 2012 graduate survey conducted by the Nikkei Newspaper, Hokkaido University graduates gave us the overall highest satisfaction ratings of all Japanese universities.

OVERVIEW
Hokkaido University is one of the oldest, largest, and most prestigious universities in Japan. Boasting the largest number of faculties of Japan’s national universities, we cover almost all areas of the humanities and social and natural sciences and we are a leader in research activities in Japan and the world. Our alumni include a Nobel laureate, business leaders, research pioneers, artists, and writers.

Our graduates benefit from the University’s determination to develop curious minds that are ready to embrace challenges and acquire knowledge, reveal new global perspectives, and find solutions which change society for the better.

We offer a broad-based educational experience, world-class research facilities, and all the attractions of living in the cosmopolitan city of Sapporo. The atmosphere is warm and welcoming, our campuses clean and safe, and we are located in a breathtakingly beautiful setting.
Hokkaido is the northernmost region of Japan, consisting of one large island and 509 surrounding islands. Dotting the center of the main island are mountain ranges and impressive volcanoes surrounded by sweeping coastal plains. The islands’ total land mass is 83,000km² which makes up 22% of the total land mass of Japan. Hokkaido is known for its amazing food, natural beauty, and unique history.
PROGRAM DETAILS

DEGREE TITLE:
Bachelor's Degree (Arts & Sciences)

PROGRAM LENGTH:
4 years (4.5 years including the Foundation Course)

STARTING DATE:
October (Foundation Course + Bachelor's Degree program)
April (Bachelor's Degree program only)

ENTRY REQUIREMENTS:

a) Non-Japanese nationality; permanent residency not in Japan;
b) 12 years of education in a foreign country OR being at least 18 years of age and holding the International Baccalaureat or other high school qualifications deemed to be equivalent;
c) Mother tongue English, or a high school education in English, or English ability of IELTS 6.0, TOEFL-IBT 79, TOEFL-PBT 550 or higher;
d) Japanese ability: none for Foundation Course entry; intermediate Japanese for Bachelor's Degree program entry (this will be tested in an interview);
e) A high school academic record that would enable you to attend a leading research-intensive university in your own country.

STEPS TO ENTRY

1. CONNECT WITH US
We recommend you take a close look at all the information on our website, and feel free to ask any questions via email to the course coordinators at: mjsp@oia.hokudai.ac.jp

2. CONFIRM YOUR POSSIBLE START DATE
There are two entry dates: October Foundation Course and April Bachelor's Degree program. Only people with intermediate Japanese can enter the Bachelor's Degree program directly.

3. APPLY
Submit your application online between October and December (1st call for applications) OR between January and March (2nd call for applications). There is a $5,000 processing fee.

4. INTERVIEWS
Interviews take place January (1st call) and April (2nd call) annually.

Keep abreast with news updates regarding the course by 'liking' our official Facebook Page. www.facebook.com/modernjapanesestudiesprogram

The detailed list of entry requirements is available on the Modern Japanese Studies Program website at www.oia.hokudai.ac.jp/mjsp
The Modern Japanese Studies Program (MJSP) is a four-year bachelor’s degree program, preceded by a six-month Foundation Course for those 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: 1) Intensive study of the Japanese language – you should be completely fluent on graduation; 2) The study of Japan in four main academic disciplines – history, cultural studies, sociology and political economy; 3) Co-learning with Japanese students – you will take many classes with your Japanese peers; and 4) A flexible curriculum that allows you to discover your Japan from the unique and multicultural vantage point of Japan’s northernmost island.

In the 21st Century, Asia will increasingly take center stage in global affairs. Your bilingual and bicultural education in MJSP provides the skills for various career paths in the Asian century.

COURSE CONVENOR

Welcome to the Modern Japanese Studies Program. In this unique program, you start by taking intensive Japanese language courses alongside social sciences courses in English. You gradually switch over to major subject classes taught in Japanese. This truly bilingual degree program is the ultimate preparation for an international career related to Japan. Studying on MJSP you will have the opportunity to make friends with people from around the globe. The international atmosphere of MJSP will be a fascinating learning experience in itself.

PHILIP SEATON
PROFESSOR, PROGRAM CO-CONVENOR
MJSP, OFFICE OF INTERNATIONAL AFFAIRS

Byamba Bolorchimeg (Mongolia)

‘I really love the environment of Hokkaido University. Not only is it one of the prettiest campuses in the whole of Japan but I also enjoy the high quality research environment. I chose to study at Hokkaido University because of its reputation - it is one of the top ranking universities in Japan. In the future, I hope to be a diplomat.’

SCHOLARSHIPS/SUPPORT

FEES: Tuition fees at Hokkaido University are ¥535,800 a year. But, we provide considerable financial support to offset the cost of your education.

Foundation
We waive the entire enrollment and tuition fees for the Foundation Course.

1st Year
We waive the entire enrollment and tuition fees for all enrollees in the Modern Japanese Studies Program.

2nd-4th Year
In the second year and thereafter, all or half of the tuition fees are waived for selected students based on academic performance. Students who do not receive fee waivers during the second to fourth years may apply for fee reductions of 25%, 50%, and 100%. In 2013, about 98% of all international students who applied received some level of financial assistance. (Information valid for 2014 Foundation entry.)

STUDENT SUPPORT:
The staff will help you adapt to life in Japanese society, provide opportunities to deepen your intercultural understanding, and facilitate interaction with Japanese students. Things do not always go smoothly, but from the International Student Support Desk to the University’s bilingual counseling service, you will always be able to turn to someone for help.

CONTACT US

www.oia.hokudai.ac.jp/mjsp
mjsp@oia.hokudai.ac.jp
+81-(0)11-706-8045
www.facebook.com/modernjapanesestudiesprogram
Google ‘MJSP Youtube’
MASTER’S AND DOCTORAL PROGRAM IN ENGINEERING

E³ ENGLISH ENGINEERING PROGRAM

158 courses offered in English!

MASTER’S

The usual time required to complete this degree is 2 years.

**ADMISSION:**
April or October

**ENTRY REQUIREMENTS:**
In order to obtain entry into the Master’s Program you MUST:
- Hold a 4 year bachelor’s degree
- Have above average grades - 3.0 on a 4 point GPA Scale*
- Have English proficiency to the equivalency of IELTS 6.0, TOEFL 79, TOEIC 670, or MTELP 75.

*If your grade is below the minimum requirement, you may either appear for an entrance exam at the University or enroll as a research student first and then take the entrance exam after you arrive in Sapporo.

**COMPLETION REQUIREMENTS:**
In order to obtain this degree, you MUST:
- Obtain 30 credits from the English Curriculum
- Be supervised in English
- Satisfy the requirements on conference presentations and/or publications set out by your division

DOCTORATE

The usual time required to complete this degree is 3 years.

**ADMISSION:**
April or October

**ENTRY REQUIREMENTS:**
In order to obtain entry into the Doctoral Program you MUST:
- Hold a 4 year bachelor’s degree and master’s degree
- Have above average grades - 3.0 on a 4 point GPA Scale*
- Have English proficiency to the equivalency of IELTS 6.0, TOEFL 79, TOEIC 670, or MTELP 75.
- Have demonstrated your research potential through publications

*If your grade is below the minimum requirement, you may either appear for an entrance exam at the University or enroll as a research student first and then take the entrance exam after you arrive in Sapporo.

**COMPLETION REQUIREMENTS:**
In order to obtain this degree, you MUST:
- Obtain 10 credits from the English Curriculum
- Be supervised in English
- Satisfy all publication requirements set out by your division
- Submit a thesis in English and be examined in English

**CHOOSE YOUR DIVISION**

- Applied Physics
- Architectural and Structural Design
- Energy and Environmental Systems
- Engineering and Policy for Sustainable Environment

- Environmental Engineering
- Field Engineering for Environment
- Human Environmental Systems
- Human Mechanical Systems and Design
- Materials Science and Engineering

- Mechanical and Space Engineering
- Quantum Science and Engineering
- Sustainable Resources Engineering
Hokkaido University’s English Engineering Education Program (e3) is one of only a few programs offered in Japan that covers almost all fields in Engineering. Whatever branch of engineering you are interested in studying, you will find an engineering course at Hokkaido University that meets your needs. In our Program, you will be studying engineering at one of Japan’s most prestigious universities in an atmosphere where knowledge, research, and expertise is shared; where learning and intellectual growth are stimulated and cherished. If you’re looking to share in the advanced knowledge in the field of Engineering that Japan is renowned for, in a multi-cultural environment where English is the main spoken language, the e3 program is for you.

Our School of Engineering is Hokkaido University’s largest, with over 2,200 undergraduate students and 1,000 graduate students including a large proportion from overseas.

**COURSE CONVENOR**

Let me extend a warm welcome to you from Sapporo, Japan. For decades, Japanese engineering and technology have been at the cutting-edge and have helped revolutionize the way we live. For this reason many students have aspired to come and study in Japan but have been reluctant to do so because of the language barrier and the belief that Japan is an expensive country to live in. Our English Engineering Education program (e3) has made it possible for students from all over the world to come and share Japan’s technological progress. Besides an environment where teaching and learning is carried out entirely in English, the cost of living in Sapporo is lower compared to other big cities in Japan.

The family-like atmosphere of the program creates a bond between faculty, students, and alumni despite the fact that most are in different fields of specialization. We hope to see you become a part of the e3 family in the near future.

Jumana Ali Al-Maliah (Jordan) (e3) English Engineering Education Program, 2nd year doctoral student, Faculty of Engineering

The English Engineering Education Program (e3) has given me many opportunities. To be in Japan - benefiting from good quality research, without being stressed with the language is something unique that e3 offers to all of us. A diverse range of subjects are covered in e3; the program has 12 divisions, each comprised of several laboratories where you can find the best laboratory that matches your field of study. The research quality is high and the laboratories are well-equipped in Jordan we have a waste disposal problem. There exists no segregation or recycling of waste and most waste is simply dumped in landfills creating health and environmental problems. Perhaps in the future, I would like a position related to environmental rules and regulations and apply what I have been studying here at Hokkaido University.

**SCHOLARSHIPS/SUPPORT**

**PRE-ARRIVAL:**

Japanese Government MEXT Scholarships - covers admission and tuition fees as well as provides coverage for living expenses (over ¥140,000 per month). Apply directly to the Program using the program application form. e3 is allocated 16 scholarships for master’s and doctoral students annually. Admission is limited to October and the application deadline is November 15 of the preceding year. You may also apply for this scholarship through your home embassy although different deadlines and selection criteria apply.

Chinese Scholarship Council – (Scholarship for Chinese students) Please apply through the HU Beijing Office.

AUN/SEED-Net - students from ASEAN countries are eligible to apply.

**African Business Education Initiative for Youth (ABE Initiative) - e3 participates in the Abe initiative which provides scholarships for master’s students from African countries. Please contact JICA for more details.**

**HU English Program Support Grants** – a monthly grant of ¥60,000 for 1 year plus a settlement allowance of ¥100,000 is provided to 5 newly arriving self-supported students.

**POST-ARRIVAL:** (Scholarships for self-supported international students)

MEXT Honors Scholarship* - monthly grants of ¥65,000 for 6 or 12 months for currently enrolled students.

Pay-back system* - self-supported doctoral students can apply for positions as Research Assistants and pay back their tuition through paid work.

Tuition fee waiver* - full waiver or discount of tuition fees can be provided for self-supported students.

*It is possible to receive support from additional sources.

**STUDENT SUPPORT:**

Staff from the e3 Office as well as our faculty’s Office of International Affairs manage all academic procedures in English and provide everyday support and advice to international students. The e3 Student Organization also hosts a variety of activities and social events.

**CONTACT US**

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

[Contact Information]

eprogram@eng.hokudai.ac.jp

+81(0)11-706-8089

Google ‘Introducing e3, Hokkaido University YouTube’
MASTER’S AND DOCTORAL COURSE
IN THE GRADUATE SCHOOL OF AGRICULTURE

SPECIAL POSTGRADUATE PROGRAM IN BIOSPHERE SUSTAINABILITY SCIENCE

74 course subjects offered in English!

MASTER’S

The usual time required to complete this degree is 2 years.

ADMISSION: April or October

ENTRY REQUIREMENTS:
- In order to obtain entry into the Master’s Course you MUST:
  - Consult with a professor prior to submitting the application
  - Hold a bachelor’s degree
  - Have completed 16 years of education in a foreign country or in Japan
  - Have a GPA requirement of 2.30 (3.00 as full score) during the last 2 academic years

COMPLETION REQUIREMENTS
- In order to obtain this degree, you MUST:
  - Obtain 30 credits
  - Write a thesis in English based on research conducted during the course
  - Do an oral defense in English
  - Finish the thesis within 2 years (no extension is allowed)

DOCTORATE

The usual time required to complete this degree is 3 years.

ADMISSION: April or October

ENTRY REQUIREMENTS:
- In order to obtain entry into the Doctoral Course you MUST:
  - Consult with a professor prior to submitting the application
  - Hold a master’s degree or passed a qualifying examination
  - Have completed 18 years of education in a foreign country or in Japan
  - Have a GPA requirement of 2.30 (3.00 as full score) during the last 2 academic years

COMPLETION REQUIREMENTS
- In order to obtain this degree, you MUST:
  - Obtain 12 credits
  - Write a thesis in English based on research conducted during the course
  - Do an oral defense in English
  - Finish the thesis within 3 years (no extension is allowed)

For more information, please visit the following link: http://www.agr.hokudai.ac.jp/en/gsoa/graduate-admissions.html

CHOOSE YOUR DIVISION

Division of Applied Biosciences: Pathogen-Plant Interactions / Applied Molecular Entomology / Molecular Biology / Molecular Enzymology /
Natural Product Chemistry / Molecular and Ecological Chemistry / Wood Chemistry & Chemical Biology / Biochemistry / Applied Microbiology /
Microbial Physiology / Molecular Environmental Microbiology / Nutritional Biochemistry / Food Biochemistry
Division of Bioresources and Product Science: Crop Science / Plant Nutrition / Animal Nutrition / Vehicle Robotics / Agricultural and Food Process Engineering / Crop Production Engineering / Agricultural Circulative Engineering / Agricultural and Rural Development
Division of Environmental Resources: Animal Ecology / Land Improvement and Management / Agricultural and Environmental Physics / Soil Conservation / Soil Science / Environmental Informatics / Silviculture and Forest Ecology / Forest Chemistry / Earth Surface Processes and Land Management
Division of Research Innovation and Cooperation: Applied Bioproduction Engineering / Rhizosphere Control / Plant Cell Control / Ecochemical Analysis / Environmental Biogeochemistry
The Graduate School of Agriculture aims to produce students who have both basic and specialized knowledge of agriculture by providing advanced, interdisciplinary, and comprehensive education and research opportunities that incorporate both the humanities and the sciences.

The Special Postgraduate Program in Biosphere Sustainability Science provides a unique combination of study fields such as food, health and environmental studies. The course is designed to meet the urgent global needs concerning research and development into the preservation and sustainable utilization of our limited resources on earth. Of all the Faculties and Graduate Schools of Hokkaido University, the School of Agriculture is the oldest in the University’s history of more than 137 years. It was first established to assist in opening up the island of Hokkaido as a new frontier. Over the years it has become Japan’s leading university in agricultural sciences and has produced a plethora of eminent alumni.

COURSE CONVENOR

Greetings from the Research Faculty of Agriculture.
Our program is unique in focusing on education and research in targeted areas of the Graduate School of Agriculture - food production, environmental conservation, and food science - in addition to life science.
We have expanded life science centered programs two-fold to include field research activities and environmental disciplines, making this course one of the most exciting programs of its kind in Japan.
Graduates of the program will have the good judgement needed to respond to the various issues facing all of humankind today, including stable food supplies, food safety, the preservation of the global environment, and biomass uses.
We welcome your application and look forward to seeing you on campus.

KOZO ASANO
PROFESSOR,
GRADUATE SCHOOL OF AGRICULTURE

Panchita Phuwamongkolwiwat (Thailand) Special Postgraduate Program in Biosphere Sustainability Science, 3rd year doctoral student, Grad. School of Agriculture

‘Hokkaido University is a superb university with a great reputation, coupled with a beautiful campus and a huge amount of activities to keep you busy. Studying at Hokkaido University is the best place to gain not only academic knowledge but also new experiences and meet people from around the world. My program, The Special Postgraduate Program in Biosphere Sustainability Science, is a pioneering program providing insight, knowledge, and hands-on experience in a friendly environment. After acquiring my doctorate, I will return to Thailand to work at Mahidol University to improve the education and research quality for students at the undergraduate level. The experience and expertise I have acquired from Hokkaido University will enable me to enhance the quality of life in Thailand.’

SCHOLARSHIPS/SUPPORT

JAPANESE GOVERNMENT (MEXT) SCHOLARSHIP:
This Program will recommend 5 students for both the master’s and doctoral course as candidates for this scholarship. The scholarship will be awarded for 2 years for master’s and 3 years for doctoral. Apart from this scholarship, other Japanese Government Scholarships such as Embassy Recommendations are also available. For more details about this scholarship, please consult your local Japanese Embassy.

STUDENT SUPPORT:
The staff at both the Graduate School of Agriculture as well as the Office of International Affairs will help you adapt to life in Japanese society, provide opportunities to deepen your intercultural understanding, and facilitate interaction with Japanese students. Things do not always go smoothly, but from the International Student Support Desk to the University’s bilingual counseling service, you will always be able to turn to someone for help.

CONTACT US
http://www.agr.hokudai.ac.jp/en/gsoa/graduate-admissions.html
kyomu@agr.hokudai.ac.jp
+81-(0)11-706-4119
MASTER’S

The usual time required to complete this degree is 2 years.

ADMISSION: April or October

ENTRY REQUIREMENTS:
In order to obtain entry into the Master’s Program you must hold a bachelor’s degree in any academic area.

DOCTORATE

The usual time required to complete this degree is 3 years.

ADMISSION: April or October

ENTRY REQUIREMENTS:
In order to obtain entry into the Doctoral Program you must hold a master’s degree in any academic area.

For detailed information on entry, please check the website:
http://www.sci.hokudai.ac.jp/english/index.html
http://www.sci.hokudai.ac.jp/dnhs/lnhs/

CHOSE YOUR DIVISION

- Division of Earth and Planetary Dynamics
- Division of Earth and Planetary System Science
- Division of Seismology and Volcanology
- Division of Biodiversity

CURRICULUM

MASTERS

Master’s Course students must take more than 30 credits, including all required subjects, and a combination of common subjects and elective subjects. For detailed information on curriculum, please see the website.

Common Subjects

Required Subjects
Research in Natural History Science 1 / Seminar in Natural History Science 1

Elective Subjects

DOCTORATE

PhD students must take the following 2 required subjects, as well as more than 30 credits taken from the Master’s Course:
Research in Natural History Science 2 / Seminar in Natural History Science 2
The International Graduate Program in the Natural History Sciences provides Master’s and PhD courses for international students who want to study natural history at Hokkaido University. The education and research fields in which the Department of Natural History Sciences engages in, fall broadly into two main categories:

“Earth Sciences”, which includes cosmo and planetary sciences, atmosphere-ocean science, biogeoscience, solid earth science, and earth resource science and;

“Biodiversity and Organismal Evolution”, which includes taxonomy, phylogeny, phylogeography, ancient DNA science, population genetics, and evolutionary developmental biology.

COURSE CONVENOR

Welcome to the International Graduate Program in the Natural History Sciences. In this program, young scientists can develop interdisciplinary knowledge amongst diverse and exciting fields. One strength of the program is that students can undertake all of their educational and research activities in English, yet interact closely with Japanese students.

The faculty also has set up the Office for International Academic Support (OIAS) to provide personalized support to each and every student in English to ensure your student life runs smoothly.

We enthusiastically invite you to take advantage of this fantastic opportunity to study natural history sciences at Hokkaido University and hope to see you on campus soon.

RYUICHI MASUDA
PROFESSOR
GRADUATE SCHOOL OF SCIENCE

Upul Premarathe (Sri Lanka)  International Graduate Program in the Natural History Sciences, 1st year doctoral student, Graduate School of Science

I am very fortunate for being able to become a student of the Graduate School of Science at the Hokkaido University, which is one of the leading science schools in Japan. The University not only has a rich and diverse academic environment but also a beautiful natural environment. The Division of Earth and Planetary System Sciences at the Graduate School of Science where I carry out research for my doctoral course, has world class research facilities conducive for my research in petroleum geology. My research is also supervised by one of the University’s eminent faculty members and leading scientists in the field of petroleum geology in Japan. The Office of International Academic Support at the Faculty of Science provides a wide spectrum of support and more broadly, the University provides financial assistance by way of scholarships, assistantships, research grants etc. Had it not been for this financial support, my dream to conduct research in one of the best national universities in Japan would not have become a reality.

SCHOLARSHIPS/SUPPORT

Since each scholarship requires a different procedure and eligibility, please contact a prospective supervisor in advance of application.

Scholarship by the International Graduate Program in the Natural History Sciences
- Hokkaido University English Program Support Grant > Monthly Stipend: ¥60,000 + Arrival allowance: ¥100,000. This grant runs for 12 months after arriving in Japan. Dormitories are available to stay for up to 6 months. Number of grantees: 5 students

Scholarship which you can apply through the Graduate School of Science
- Monbukagakusho Honors Scholarship for Privately Financed International Students > Monthly stipend: ¥65,000. This scholarship runs for 12 months after arriving in Japan and can be issued with the “Hokkaido University English Program Support Grant” Number of grantees: a few students.

Other scholarships
- Japanese Government Scholarships (University recommendation, General slots)


China Scholarship Council (CSC) Reference: Hokkaido University Beijing Office (http://220.231.37.204/) This cannot be issued together with “Hokkaido University English Program Support Grant”.

CONTACT US
http://www.sci.hokudai.ac.jp/english/index.html
✉ kokusai@mail.sc.hokudai.ac.jp
📞 +81-(0)11-706-2916
MASTER’S AND DOCTORAL PROGRAM
FOR GLOBAL LEADERS IN LIFE SCIENCE

TRAINING PROGRAM FOR GLOBAL LEADERS IN LIFE SCIENCES

MASTER’S

The usual time required to complete this degree is 2 years.

ADMISSION: April or October

ENTRY REQUIREMENTS:
In order to obtain entry into the Master’s Course you MUST:
- Consult with a contact professor prior to submitting the application
- Hold a bachelor’s degree

DOCTORATE

The usual time required to complete this degree is 3 years.

ADMISSION: April or October

ENTRY REQUIREMENTS:
In order to obtain entry into the Doctoral Course you MUST:
- Consult with a contact professor prior to submitting the application
- Hold a master’s degree

For detailed information on entry, please check the website: http://www ifs.hokudai.ac.jp/graduate-school/application/index.html

CHOOSE YOUR COURSE AND LABORATORY

Transdisciplinary Life Science Course
(open to both master’s and doctoral candidates)
Tissue and Polymer Sciences Laboratory / Laboratory of Soft & Wet Matter / Laboratory of Cell Dynamics / Laboratory of Advanced Chemical Biology / Laboratory of Protein Science / Laboratory of X-ray Structural Biology / Laboratory of Smart Molecule / Laboratory of Biological Information Analysis Science / Laboratory of Molecular and Cellular Biology / Innate Immunity Laboratory / Laboratory of Embryonic and Genetic Engineering / Laboratory of Single-Molecules System Biology / Laboratory of Molecular Cell Dynamics / Laboratory of Chemical Biology / Laboratory of Biomolecular Adaptation Science

Biosystems Science Course
(open to both master’s and doctoral candidates)
Laboratory of Animal Cytogenetics / Laboratory of Mammalian Genetics / Laboratory of Gene Function and Regulation / Laboratory of Supramolecular Biophysics / Laboratory of Molecular Cell Dynamics / Laboratory of Molecular Interaction / Laboratory of Plant Biology Ia / Laboratory of Plant Biology Ib / Laboratory of Plant Biology II / Laboratory of Cell Function and Structure Ia / Laboratory of Cell function and Structure Iib / Laboratory of Molecular Biology / Laboratory of Plant Adaptation Biology / Laboratory of Environmental Molecular Bioscience / Laboratory of Gut Physiology and Nutrition / Laboratory of Behavioral Neurobiology Ia / Laboratory of Behavioral Neurobiology Iib / Laboratory of Behavioral Neurobiology IIb / Laboratory of Behavioral Neurobiology IIia / Molecular Neuroethology Laboratory / Laboratory of Behavioral Neurobiology IIic / Laboratory of Neuro-Cybernetics / Laboratory of Reproductive and Developmental Biology Ia / Laboratory of Reproductive and Developmental Biology Ib / Laboratory of Reproductive and Developmental Biology Iic / Laboratory of Reproductive and Developmental Biology IId / Laboratory of Reproductive and Developmental Biology III
In these highly esteemed degree programs, students focus on advanced research areas in the field of Life Science with renowned academics at the forefront of their professions. Our courses have a creative curriculum where students encounter a variety of teaching staff coming from a wide range of research backgrounds in the field of life sciences. Recently in Life Sciences, convergence of different fields of science is advancing in the existing interdisciplinary field. Responding to these emerging trends, our teaching staff cover a wide range of research areas from basic biology through chemistry, physics, mathematics, medicine, and pharmacy. Based on the purpose of building up a world renowned research center for life sciences, this program is designed for both international students who wish to major in life sciences and have a wide research background, and Japanese students with a global perspective, who are eager to study in an international environment.

COURSE CONVENOR

Welcome to the "Training Program for Global Leaders in Life Sciences." This program aims to build and train world-class leaders in life sciences that can work at companies and institutes throughout the world. In this course, students are encouraged to plan and carry out international meetings to improve their ability to use English as an international communication tool, and also attend international conferences to develop presentation skills.

We also require students to make proposals for competitive research funds and to submit papers to international journals. This enables them to have practical experience and be at the forefront of their research activities.
We welcome you to apply to this amazing program and look forward to seeing you on campus.

Abu Bin Ihsan (Bangladesh)  Training Program for Global Leaders in Life Sciences, 3rd year doctoral student, Graduate School of Life Science

I feel really fortunate to get the opportunity to study in this’s Life Science Course at Hokkaido University, one of the top ranking universities in Japan. Hokkaido is a great place to live and study where you can learn about nature from the viewpoint of material sciences based on physics and chemistry. I feel really privileged to experience pioneering research activity in the life sciences for bio-medical application.

This is certainly a university with high level research with a congenial working environment where you can utilize state of the art modern technologies to research demanding topics. I have lots more things I want to do here – HU makes me want to try my best and enjoy everything.
I want to use my knowledge and experience for the sake of humanity and work in science to search for creative ideas and solutions. My dream is to create something that will amaze the world!!

SCHOLARSHIPS/SUPPORT

Since each scholarship has different application procedures and eligibility requirements, please contact a prospective supervisor in advance of application.

JAPANESE GOVERNMENT (MEXT) SCHOLARSHIPS:
This special graduate program is supported by the Ministry of Education, Culture, Sports, Science and Technology (MEXT, Japan), and annually 8 international students for the doctoral course are issued a scholarship for 3 years through a highly competitive selection process. Apart from these special scholarship slots, other Japanese government scholarships such as Embassy recommendations and university recommendations (general slots) are also available. For more information, please check the website http://altair.sci.hokudai.ac.jp/grad/igp/overview.html

SCHOLARSHIPS FOR SELF SUPPORTED STUDENTS:
Reservation Program for Monbukagakusho Honors Scholarship for Privately Financed International Students by Pre-arrival Admission: a few students for master’s or doctoral course are issued for 6 months or 12 months. In addition, Hokkaido University English Program Support Grants are issued to 5 international students among the recipients of the above scholarship.

CONTACT US
http://altair.sci.hokudai.ac.jp/grad/igp/overview.html

igp@sci.hokudai.ac.jp
+81-(0)11-706-4994

HOKKAIDO UNIVERSITY
APPLICATION DETAILS:
Application Period – April and October each year

Selection Method:
1. First screening <document screening>
2. Second screening <oral screening>
The oral screening (interview) is held in the capital city of your country effectively meaning you can undertake the entire application procedure without coming to Hokkaido University.

Forms required in the application pack:
1. Application Form
2. Two Recommendation Letters
3. Summary of your master’s thesis or an abstract of your research achievements
4. List of publications and copies of key research papers (if any)
5. An academic transcript from both undergraduate and graduate schools
6. Official certificates of degrees (both bachelor’s degree and master’s degree.)
7. A certificate for English qualification
8. Passport copy
9. Any other documents stipulated by the accepting professor

ENTRY REQUIREMENTS:
In order to obtain entry into the Doctoral Course you MUST:
- have strong academic records at both undergraduate and graduate levels
- have been awarded or expect to be awarded a master’s degree at least 1 month prior to commencement or expect to be evaluated by us as possessing equivalent academic skill

EDUCATIONAL SUPPORT
A unique aspect of this course is the amount of support provided to each student. Faculty members from both the science and engineering fields act as secondary supervisors, ensuring a well-rounded education is provided to each and every student.
Chemistry is playing a major role in innovations of materials science addressing both academic and social issues that traverse and encompass the main fields of science and technology. To achieve the innovations that are demanded by the 21st century society in future materials, energy, medicine, welfare, and so on, education of talented young students in chemistry is paramount. The international educational program “Advanced Graduate School of Chemistry and Materials Science (AGS)” of the Graduate School of Chemical Sciences and Engineering, enrolls a limited number of elite students each year. The AGS program includes all major fields in chemistry and materials science, including recent advances in organic chemistry, physical chemistry, inorganic chemistry, organometallic chemistry, polymer chemistry, catalysis, materials chemistry, biochemistry, and chemical engineering.

COURSE CONVENOR

In our program, students are educated by a total of 130 researchers from a vast range of research fields including quantum chemistry, organic chemistry, catalytic chemistry, materials chemistry, biological chemistry and many more. We are a very unique graduate school in that we specialize in chemistry. This program was started to foster chemistry researchers who can take active roles globally in the future. Each year we recruit talented students from all over the world and foster them as independent researchers, providing a solid education in chemistry in an atmosphere of friendly competition. Financial support is also provided, as is the opportunity to partake in Summer School (see below), travel to international conferences, and join international internship programs. The course enrolls a mix of Japanese and international students giving it a truly international flavor! We welcome you to apply.

TETSUYA TAKETSUGU
PROFESSOR, GRADUATE SCHOOL OF CHEMICAL SCIENCES AND ENGINEERING

Jose Isagani B. Janairo (Philippines)  AGS, 3rd Year Doctoral Student, Graduate School of Chemical Sciences and Engineering

“What I like about my course is that it enables me to effectively learn through discovery and experience. This has been possible from the optimum integration of superior guidance and mentoring from my professor as well as from the freedom entrusted to me to conduct experiments that will aid in the deeper understanding of my research topic. Hands-on learning from access to cutting-edge facilities and resources compliments the lectures given by renowned professors from both Japan and overseas. I have benefited from this by learning new concepts and techniques that has allowed me to expand my knowledge outside my field of study. Professors from different laboratories are very accommodating for meaningful discussions and are willing to lend their expertise if ever the need arises. The location of Hokkaido University at the beautiful and culturally rich city of Sapporo makes graduate school so enjoyable. With nearby museums, concert halls, parks, and good restaurants, one is given the unique opportunity to know Japan from so many different vantage points.”

SUMMER SCHOOL
Each year we hold a ‘Summer School’ at Jozankei Onsen (Hot Springs) which is organized by students on the Program. Over the course of this event, all students present their research in English and lectures are delivered by invited researchers not only from Japan but from all over the world. Sport and recreational activities such as enjoying the best of nature in Hokkaido are also a big part of the excursion. This is a very rewarding event which allows intercultural exchange between Japanese students and international students over two days.

SCHOLARSHIPS/SUPPORT
All students will be provided with financial support in the form of a scholarship which covers the examination fee, entrance fee, tuition fees, and living costs. For more information, please visit the website.

CONTACT US
http://www.eng.hokudai.ac.jp/ags/  ags@eng.hokudai.ac.jp  +81-(0)11-706-6788
DOCTORAL PROGRAM IN VETERINARY RESEARCH

FOSTERING GLOBAL LEADERS IN VETERINARY SCIENCE TOWARD CONTRIBUTING TO ONE HEALTH

ADMISSION
You must have completed 18 years of education with a final program in Veterinary Medicine, Medicine, Dentistry, Pharmaceutical Sciences or something equivalent in order to apply.

Prior to submitting your application, you should contact and discuss your application with a potential supervisor.

Applicants are required to submit the following documents by the deadline specified on the website in order to be assessed:

For detailed information on how to apply, please see the website http://www.vetmed.hokudai.ac.jp/en/application/

CURRICULUM

DOCTORATE: In addition to the original PhD course in veterinary medicine, 2 courses are provided for expert training in the control of chemical hazards and zoonotic diseases. 1st year students follow an education program that encompasses all courses, and then engage in different programs depending on their chosen courses from the 2nd year to the 4th year. All students additionally pursue experimental research (4 years), write a dissertation and obtain a PhD degree.

Required Courses:
Research on Veterinary Science (Jpn/Eng) / Advanced Seminar on Veterinary Science (Jpn/Eng) / Academic English (Eng)

Electives - Subjects on Fundamental Veterinary Science:
Advanced Animal Welfare (Eng) / Advanced Biostatistics (Jpn) / Practice on Analytical Machines (Jpn) / Advanced Topics in Information Science (Jpn) / Advanced Immunology (Jpn) / Environmental Radiation Biology (Jpn) / Advanced Environmental Toxicology (Jpn) / Advanced Lectures on Veterinary Hygiene (Jpn) / Advanced Parasitology (Jpn) / Advanced Veterinary Microbiology (Eng) / Advanced Lecture on Life Science I: Principle of Experiments (Jpn) / Special Lecture on International Veterinary Science I: Zoonosis (Eng) / Advanced Lecture on Risk Analysis in Veterinary Field (Eng) / Advanced Lecture on One Health (Eng) / Advanced Lecture for Zoonosis Control (Eng) / Advanced Wildlife and Conservation Medicine (Eng)

Electives - Subjects on Specialized Veterinary Science:
Special lecture on International Veterinary Science II: Clinical Science (Eng) / Advanced Lecture on Behavioral Science (Eng) / Advanced Lecture on Veterinary Internal Medicine (Jpn) / Lecture on Recent Advancement of Veterinary Surgery (Jpn) / Advanced Lecture on Theriogenology (Jpn) / Advanced Lecture on Molecular Medicine in Animals (Jpn) / Advanced Lecture on Veterinary Pathology (Eng) / Advanced Lecture on Life Science II: Imaging of biological phenomena from invisible to visible (Jpn) / Advanced Lecture on Life Science III: Excitability of plasma membrane (Jpn) / Advanced Lecture on Life Science IV: Developmental Biology and Engineering (Jpn)

Others:
Advanced and Comprehensive Studies on Zoonosis Control (Eng) / Advanced and Comprehensive Studies on Chemical Hazard Control (Eng) / Practice on Overseas Field Epidemiology (Eng) / Practice on Overseas Collaborative Research (Eng) / Internships Abroad (Eng) / Domestic Internships (Jpn/Eng) / Advanced Studies on Veterinary Science (Jpn/Eng) / Inter-Graduate School Class (Jpn/Eng) / Basic Classes in Graduate-level Science and Technology (Jpn)

Jpn: Subjects offered in Japanese. Eng: Subjects offered in English. Whilst some courses are offered solely in Japanese, we offer sufficient courses for students to graduate by choosing English courses only.
We provide an environment for global-scale practical research and education with a focus on the interface between humans and animals based on the One Health concept. The program includes two courses for expert training in zoonotic disease control and chemical hazards at our Graduate School of Veterinary Medicine. On these programs, high quality education is provided to support the development of leaders with outstanding expertise who can exercise leadership in the field of veterinary science.

DEGREES OBTAINABLE: PhD (Veterinary Medicine)

PhD (Veterinary Medicine - Zoonosis Control Expert)
PhD (Veterinary Medicine – Chemical Hazard Control Expert)

COURSE CONVENOR

The Graduate School of Veterinary Medicine conducts education and research related to life science, ecosystem conservation, and the maintenance of healthy and sound living environments of both humans and animals. Our graduate school has been selected as the Program for Leading Graduate Schools “Fostering Global Leaders in Veterinary Science for Contributing to One Health”, which offers students stronger basic education programs, opportunities for practical overseas activities, and internship opportunities to reinforce the educational functions provided by the Graduate School of Veterinary Medicine. This program particularly concentrates on fostering experts who can actively contribute to the control of zoonotic diseases and health problems caused by hazardous chemicals. To achieve this, we provide extensive courses that focus on zoonosis and chemical hazard control. Our education and research activities include laboratory-based work as well as going out into the field. We look forward to welcoming you on campus soon.

MOTOHIRO HORIUCHI
PROFESSOR,
GRADUATE SCHOOL OF VETERINARY MEDICINE

Oroszlány Balázs (Hungary) 2nd Year Doctoral Student, Graduate School of Veterinary Medicine

‘Studying Veterinary Medicine at Hokkaido University has been an amazing opportunity. The professors who supervise your studies are all talented people – and almost all of them have extensive experience studying abroad, so they are really empathetic towards your needs. The faculty together with the Zoonosis Control Center, is also extremely well equipped: whatever you need for your research, from microscopes to analytical machines, to next generation sequencers, you’ll find it, as well as easy access to all relevant journals. I’m studying reptiles (mainly turtles), and how they cope with environmental pollutants. We know that reptile populations all around the world are decreasing, and that many species have become endangered. Unfortunately, we don’t know much about reptile physiology – especially how they detoxify themselves and how they deal with chemical pollutants in the environment. I hope my research will help in some way to conserve these beautiful creatures. After graduation, I would like to find a job where I can make a significant contribution for the longevity of our Earth and the species inhabiting it.’

SCHOLARSHIPS/SUPPORT

SCHOLARSHIPS:
To support graduate students selected into this program so that they may go on to become global leaders in veterinary science and play active roles in maintaining the integrity of ecosystems including the health of animals, the program provides scholarships to all graduate students. Non-Japanese students who are successfully selected and admitted to the Graduate School of Veterinary Medicine will receive a scholarship of ¥200,000 per month supported by the program. This allowance may change according to economic and granting situations. The scholarship will be extended annually up to the standard duration of this 4 year course.

STUDENT SUPPORT:
The staff at both the Graduate School of Veterinary Medicine as well as the Office of International Affairs will help you adapt to life in Japanese society, provide opportunities to deepen your intercultural understanding, and facilitate interaction with Japanese students. Things do not always go smoothly, but from the International Student Support Desk to the University’s bilingual counseling service, you will always be able to turn to someone for help.

CONTACT US
leading@vetmed.hokudai.ac.jp
+81-(0)11-706-9545
ADMISSION AND COMPLETION REQUIREMENTS

ADMISSION REQUIREMENTS:
In order to obtain entry into the doctoral program you MUST:
- be a non-Japanese citizen residing outside of Japan
- be not more than 35 years of age on October 1 of the previous year you wish to apply to be eligible for the MEXT scholarship.
- be one of the below:
  (1) A graduate of a School of Veterinary Medicine with a 6 year course
  (2) A graduate of a School of Medicine or Dentistry with a 6 year course
  (3) A graduate of a master's course
  (4) A graduate of 18 years of formal education outside of Japan

If you are unable to fulfill the above mentioned criteria, you may have the choice to be evaluated on the basis of your ability and knowledge by the graduate school prior to submission of application
- be certified as both physically and mentally fit by a qualified and recognized physician with documented certification
- be fluent in English

COMPLETION REQUIREMENTS:
In order to obtain this degree you MUST:
- Complete 38 credits: 20 in the required bracket and 18 in the elective bracket
- Complete a thesis based on your own research results conducted during the course and submit this thesis to multiple examiners (1 principal and 3 or more adjunct referees)
- Complete your thesis within 4 years

Submission of a doctoral thesis is allowed only after you have published 2 scientific papers as a first author in peer-reviewed international scientific journals within defined fields of interest.

DEPARTMENTS AND LABORATORIES

Department of Biomedical Sciences: Laboratory of Anatomy / Laboratory of Physiology / Laboratory of Biochemistry / Laboratory of Pharmacology
Department of Disease Control: Laboratory of Microbiology / Laboratory of Infectious Disease / Laboratory of Parasitology / Laboratory of Animal Science and Medicine
Department of Veterinary Clinical Sciences: Laboratory of Veterinary Internal Medicine / Laboratory of Veterinary Surgery / Laboratory of Comparative Pathology / Laboratory of Theriogenology / Laboratory of Molecular Medicine / Laboratory of Advanced Veterinary Medicine
Department of Environmental Veterinary Sciences: Laboratory of Public Health / Laboratory of Radiation Biology / Laboratory of Toxicology / Laboratory of Wildlife Biology and Medicine
Department of Applied Veterinary Sciences: Laboratory of Veterinary Hygiene
Research Center for Zoonosis Control: Division of Global Epidemiology / Division of Molecular Pathobiology / Division of Bioresources / Division of Collaboration and Education / Division of Bioinformatics / Division of Infection and Immunity / Unit of Risk Analysis and Management
Animal health issues transcend borders, as seen in the spread of avian influenza, BSE, foot-and-mouth diseases and other zoonosis. For this reason, collaboration on research and control of zoonosis are increasing, which calls for the globalization of education in veterinary science. For many years, the Graduate School of Veterinary Medicine and the Research Center for Zoonosis Control have been running a special program designed for international students who wish to study veterinary science at Hokkaido University. This special program provides all course work including lectures and practical subjects as well as laboratory activities in English. We nurture all our students to become leaders and experts at the forefront of veterinary medical science in their respective home countries in animal health in this globalized world.

COURSE CONVENOR

Welcome to our unique program! Our faculty and graduate school jointly conduct educational programs and research projects with foreign universities, and we are engaged in a diverse range of outreach activities in the utilization of our knowledge in veterinary science.

In 2007, the Graduate School of Veterinary Medicine in conjunction with the Research Center for Zoonosis Control introduced this special program designed for international students wishing to study veterinary science at Hokkaido University. We cultivate our students to become leaders and experts who are able to work at the forefront of veterinary science in their respective home countries for the betterment of animal health and the global environment. We welcome highly motivated applicants to our sophisticated institutes and look forward to seeing you on campus in the future.

MASAHIRO OKUMURA
PROFESSOR,
GRADUATE SCHOOL OF VETERINARY MEDICINE

Nozyechi Chidumayo (Zambia) Special Training Program for Veterinary Researchers, doctoral student, Graduate School of Veterinary Medicine

I love studying at Hokkaido University as I have access to amazing equipment and facilities that are not available in my country. In addition, I am able to work in a Biosafety Level 3 Laboratory. The work I am doing has given me the opportunity to gain experience in numerous laboratory diagnostic techniques. I believe this knowledge will be of great value when I go back to my own country. Finally, studying in Japan gave me the good fortune of experiencing Japanese culture and cuisine. This has been a real highlight for me. If you are thinking about studying veterinary medicine in Asia, think Hokkaido University.

SCHOLARSHIPS/SUPPORT

JAPANESE GOVERNMENT (MEXT) SCHOLARSHIP:
This Program will recommend students to MEXT for this doctoral course as candidates for this scholarship. A monthly allowance of ¥145,000 for 4 years is available with no extension possible (calculation based on 2013 rates.) Apart from this scholarship, other Japanese Government Scholarships such as Embassy recommendations are also available. For more details about this scholarship, please consult your local Japanese Embassy.

STUDENT SUPPORT:
The staff at the Graduate School of Veterinary Science as well as the Office of International Affairs will help you adapt to life in Japanese society, provide opportunities to deepen your intercultural understanding, and facilitate interaction with Japanese students. Things do not always go smoothly, but from the International Student Support Desk to the University’s bilingual counseling service, you will always be able to turn to someone for help.

CONTACT US
http://www.vetmed.hokudai.ac.jp/PGP/cover_page.html
kyomu@vetmed.hokudai.ac.jp
+81-(0)11-706-5175

HOKKAIDO UNIVERSITY
1. COURSE IN GLOBAL ENVIRONMENTAL MANAGEMENT (GEM)

2. ENGLISH PROGRAM OF ENVIRONMENTAL EARTH SCIENCE FOR SUSTAINABLE SOCIETY (EPEES-SS)

ENTRY REQUIREMENTS: To obtain entry into the Master’s Course, applicants must have completed 16 years of education in a foreign country and hold a bachelor’s degree in any field.

ENTRY REQUIREMENTS: To obtain entry into the doctoral course, applicants must hold a master’s degree in any field.

Please see the website for detailed information [http://www.ees.hokudai.ac.jp/](http://www.ees.hokudai.ac.jp/)

CURRICULUM

At the time of publication, the EPEES-SS curriculum was still being prepared, however here is a list of course subjects, which will be offered to students. See our website above for detailed GEM and EPEES-SS curriculum.

1) Core Subjects
   Fundamental Lecture on Environmental Science (2 credits) / Introduction to Environmental Earth Science (2 credits) / Introduction to Sustainable Society (2 credits) / Advanced Course in Global Warming Assessment (2 credits) / Introduction to Practical Science for Environment (2 credits)

2) Special Subjects
   Advanced Course in Environmental Pollution Comparison (2 credits) / Advanced Course in Environmental Adaptation (2 credits) / Advanced Course in Advanced Resource Management and Policy (2 credits) / Advanced Lecture in Geoeconomic Resources (2 credits) / Advanced Course in Marine Sedimentology (2 credits) / Advanced Course in Biogeoscience (2 credits) / Advanced Course in Glacier/Ice Sheet Science (2 credits) / Advanced Course in Bio-Material Chemistry (2 credits) / Advanced Course in International Communication Methods (2 credits)

3) Common Subjects
   Sustainable Science (2 credits) / Environmental Ethics (2 credits) / Environmental Policy (2 credits) / Practical Environmental Leadership Theory (2 credits) / Asian / African Culture, Language and Local Regionalism (2 credits)

4) Work and Seminars
   Laboratory Work in Environmental Analysis (4 credits) / Laboratory Work in Environmental Materials Science (4 credits) / International Laboratory Works for Biogeoscience (4 credits) / Study on Fostering Leaders for Environmental Conservation (4 credits) / EPEES-SS Program Seminar / Course Seminar / Environmental Tour Seminar

5) Special Study and Reading
   Research in Environmental Science I / Research in Environmental Science II / Seminar in Environmental Science I Development / Seminar in Environmental Science II Development
Our ‘Course in Global Environmental Management’ (GEM) is taught entirely in English and aims to foster professionals who can genuinely contribute to solving the world’s environmental problems. Bringing both international students as well as Japanese students together, the course covers a large range of fields such as resource management, environmental education, and human capacity building. The course by nature is very flexible in the sense students are welcome to enter the degree program and subsequently decide their specialty and supervisor after enrolment.

Offered from April 2014, our brand new ‘English Program of Environmental Earth Science for Sustainable Society’ (EPEES-SS) is a course in which students can choose from an extremely comprehensive list of study areas and, any faculty member from our Graduate School can act as a supervisor. The course targets international students from any background, region and study field. Students must show a genuine interest in environmental issues.

**COURSE CONVENOR**

Welcome our master’s and doctoral programs in the Faculty of Environmental Science. Our objective is to offer research, education, and comprehensive practical training to foster a new type of professional who can lead the world in their respective fields and improve our environment and society. We admit students with strong academic backgrounds in any study fields who are interested in the global environment and who show strong determination to solve environmental problems. If you wish to study with us solely in English, we strongly recommend either of these two programs of which you can take at either master’s or doctorate level. We encourage you to apply to our high-caliber courses that will challenge you to think about our natural environment in new and innovative ways. We look forward to seeing you at Hokkaido University.

**Febrina Natalia (Indonesia)**

2nd year student, Master’s of Environmental Science (Global Environmental Management)

The course is great because we get to focus on a lot of environmental problems not only in Japan but all over the world. Through the sharing of knowledge - which is really encouraged in the program - you learn a lot about the world’s environmental problems and how to begin to solve them. I have a great relationship with my supervisor, who I meet with at least once a week and who has been very supportive throughout the program. I would definitely recommend the program to anyone who wants a challenge!

**SCHOLARSHIPS/SUPPORT**

**SCHOLARSHIPS:**
Since each scholarship has different application procedures and eligibility, please contact a prospective supervisor well in advance of your application.

- **Scholarship under EPEES-SS:** Hokkaido University English Program Support Grant (Monthly stipend of ¥60,000 for 12 months after arriving in Japan)
- **Scholarships through the Graduate School of Environmental Science:** Monbukagakusho Honors Scholarship for Privately Financed Internation Students (Monthly stipend of ¥65,000 for 12 months after arriving in Japan) *Can be issued with the Hokkaido University English Program Support Grant.
- **Scholarships which you can apply in your country:** Japanese government scholarship (Embassy recommendation): you can apply through your home embassy. The deadlines and methods of application differ in each country. Please consult your local Japanese embassy.

**STUDENT SUPPORT:**
The staff at both the Graduate School of Environmental Science as well as the Office of International Affairs will help you adapt to life in Japanese society, provide opportunities to deepen your intercultural understanding, and facilitate interaction with Japanese students. Things do not always go smoothly, but from the International Student Support Desk to the University’s bilingual counseling service, you will always be able to turn to someone for help.

**CONTACT US**

- [http://www.ees.hokudai.ac.jp/](http://www.ees.hokudai.ac.jp/)
- [gakujutsu@ees.hokudai.ac.jp](mailto:gakujutsu@ees.hokudai.ac.jp)
- +81-(0)11-706-2204

HOKKAIDO UNIVERSITY | 22