Hokkaido University is one of the oldest, largest, and most prestigious universities in Japan. The University was originally founded as Sapporo Agricultural College in 1876 to educate students to become national leaders, and to help develop the great potential of Hokkaido.

Today, our researchers in the social and natural sciences, as well as in the humanities, are advancing human knowledge through their outstanding work, which has been recognized by many institutions, including the Nobel Laureate Committee. Boasting one of the biggest campuses in Japan, Hokkaido University houses exceptional research facilities, a university hospital and one of the world’s largest research forests. This combination provides a comprehensive research environment and the highest quality education.

Institute for International Collaboration
Division of International Relations
Kita 15, Nishi 8, Kita-ku, Sapporo, 060-0815
+81-11-706-4067 Fax
ryu-gakusyu.hokudai.ac.jp
www.global.hokudai.ac.jp
- www.facebook.com/Hokkaidouni
BACHELOR’S DEGREE IN JAPANESE STUDIES

MODERN JAPANESE STUDIES PROGRAM

25 students admitted per year

The Modern Japanese Studies Program (MJSP) is a four-year bachelor’s degree program, preceded by a six-month Intensive Japanese 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 multicultural education on MJSP provides the skills for various career paths in the Asian century.

1. CONNECT WITH US
Read carefully all the information on our website. Feel free to ask questions via email to the course coordinators at mjsp@eis.hokudai.ac.jp

Like our official Facebook page at www.facebook.com/modernjapanesestudiesprogram

2. CONFIRM YOUR POSSIBLE START DATE
Applicants with intermediate Japanese can apply for April (Bachelor’s Degree) entry. Exemption from the Intensive Japanese Course requires passing our entrance exam. All other applicants apply for October (Intensive Japanese Course) entry.

3. APPLY
Submit your application online in November (1st call for applications) or February (2nd call for applications) and send the required documents by post to arrive by mid-December (1st call) or mid-March (2nd call). Check the Application Guidelines for the exact deadlines, which are strictly enforced. There is a $5,000 application fee.

4. INTERVIEWS
Interviews are held in January (1st call) and April (2nd call).

The detailed list of entry requirements is available on the Modern Japanese Studies Program website at www.eis.hokudai.ac.jp/mjsp

SCHOLARSHIPS/SUPPORT

FEES: Tuition fees at Hokkaido University are ¥335,800 a year. But, we provide considerable financial support to offset the cost of your education.

Intensive Japanese Course
We are planning to waive the entire enrollment and tuition fees for the Intensive Japanese Course.

1st Year
We are planning to 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 will be waived for selected students based on academic performance. Students who don’t meet the conditions will be charged tuition fees at the standard rate.

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.eis.hokudai.ac.jp/mjsp/

PHILIP SEATON
PROFESSOR PROGRAM CO-CONVENER
MJSP Institute for International Collaboration

Zanne Siek (Singapore)

"I wanted to learn more about the society of Japan, and what better way than to learn while living in Japan as well. I could form my own view of Japan through the course as well as day-to-day life in Singapore. Learning Japanese at the same time is helpful. Classes are fun, and I'm improving in my language skills every day. The introductory classes are making me look forward to future semesters on MJSP. I am currently in a movie-watching circle, and one thing I'm always surprised by is how welcoming my circle friends are. They are also patient and forgiving when I make mistakes in Japanese, and they are understanding as well. I'm glad I entered the circle. I want to work in a publishing company in Japan, where I can translate articles for magazines or do PR work. Maybe I can work for a lifestyle magazine published in Japan. Everyone has a different experience here at Hokkaido and MJSP, but I'm sure it'll be fun. We're all looking forward to meeting new students on the course. (Entered MJSP in October 2016)"
The Integrated Science Program is a cross-disciplinary educational science program for international students interested in pursuing a degree in the natural sciences. The program’s strong cross-disciplinary nature aims to give students an excellent broad scientific education across the core scientific disciplines (biology, chemistry, and physics) in School of Science, while allowing them to specialize in their chosen fields in later years in accordance with their own interests. While students’ main scientific studies are entirely in English, a multitude of additional courses such as business skills courses or leadership and management skills courses will be available in the liberal arts and Japanese language to ensure students receive a rich and fulfilling education while at Hokkaido University.

Key Characteristics:
1) Study at one of Japan’s oldest and most prestigious universities
2) English language course taught by a diverse international faculty
3) A range of scholarships available

ISP AT A GLANCE

DEGREE TITLE:
Bachelor’s Degree (Science)
Master’s Degree (Depends on your study field)

PROGRAM LENGTH:
4 years (Bachelor’s) + 2 years (Master’s)

* With Hokkaido University’s advanced graduation initiative, we offer the opportunity to graduate from the Bachelor’s and Master’s components in 3.5 and 1.5 years respectively. This gives a combined course of only 5 years. For further details, please look at the course structure.

ENTRY REQUIREMENTS: (As of the application for October 2017 enrollment)
- Non-Japanese nationality: permanent residency not in Japan
- At least 10 years of education in a foreign country or at an approved international school in Japan or being at least 18 years of age and holding the International Baccalaureate or other high school qualifications deemed to be equivalent
- English ability: mother tongue English, 4 years or more of secondary education (at junior or senior high school, etc.) with English as the primary language of instruction, or holding a score of IELTS (Academic Module) 6.0, TOEFL iBT 79, TOEFL-PBT 550, TOEIC 730, or higher
* Above are the basic qualifications. More detailed information about the requirements can be found in our website.
* Japanese language skills are not required for the ISP.

BACHELOR’S AND MASTER’S PROGRAM IN SCIENCE
Integrated Science Program

COURSE STRUCTURE

The program fundamentally consists of a four-year Bachelor’s degree and a two-year Master’s degree. The latter of which will include an active research component, where the students will be affiliated with one of the university’s prestigious graduate schools to learn the techniques and skills to flourish as scientists or researchers in, or out of academia. With Hokkaido University’s advanced graduation initiative, we offer the opportunity for highly motivated and capable students to graduate from the Bachelor’s and Master’s components in 3.5 and 1.5 years. This gives a combined course of only 5 years, which is shorter than most Japanese universities, giving graduates the edge in an ever competitive job market.

SCHOLARSHIPS/SUPPORT

<table>
<thead>
<tr>
<th>Degree</th>
<th>Application Fee</th>
<th>Enrollment Fee</th>
<th>Tuition</th>
<th>Scholarship</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor</td>
<td>¥17,000</td>
<td>¥5,000</td>
<td>¥282,000 Waiver</td>
<td>Waiver × 3.5 years</td>
</tr>
<tr>
<td>Master</td>
<td>¥30,000 Waiver</td>
<td>¥282,000 Waiver</td>
<td>Waiver × 2 years</td>
<td>¥100,000/Month × 2 years</td>
</tr>
<tr>
<td>Bachelor</td>
<td>¥17,000</td>
<td>¥5,000</td>
<td>¥282,000 Waiver</td>
<td>Waiver × 1 year*</td>
</tr>
<tr>
<td>Master</td>
<td>¥30,000 Waiver</td>
<td>¥282,000 Waiver</td>
<td>Waiver × 1 year*</td>
<td>¥50,000/Month × 1 year*</td>
</tr>
<tr>
<td>Regular students</td>
<td>¥17,000</td>
<td>¥5,000</td>
<td>¥282,000 Waiver</td>
<td>¥535,800</td>
</tr>
<tr>
<td>Master</td>
<td>¥30,000 Waiver</td>
<td>¥282,000 Waiver</td>
<td>¥535,800</td>
<td>None</td>
</tr>
</tbody>
</table>

* As of April 2017
* ISP-partially supported students will be exempt from tuition fees and will be provided with a scholarship for the initial 6 months of study.
For more details, please visit https://www.eia.hokudai.ac.jp/isp/

CONTACT US
www.eia.hokudai.ac.jp/isp/

FACULTY

Are you interested in the Integrated Science Program (ISP)? This is the first cross-disciplinary educational science Bachelor degree program at Hokkaido University for international students. Of course, you can proceed to study further in Master program too. In this program, students will study wide area of natural science as well as a subject of your major field to study among physics, chemistry and biology. All education will be provided only in English by our international faculties.

We look forward to studying science with you.

OSAMU SETO
ASSISTANT PROFESSOR, ISP COORDINATOR
INSTITUTE FOR INTERNATIONAL COLLABORATION

HOKKAIDO UNIVERSITY | 05

HOKKAIDO UNIVERSITY | 06
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 are 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 2,300 undergraduate students and over 800 graduate students including a large proportion from overseas.

**SCHOLARSHIPS/SUPPORT**

Japanese Government (MEXT) scholarship (nomination through the program)
E³ is allocated 16 full-support scholarships for Master’s and Doctoral students. Admission is from October only. Apply directly to the program. Application deadline is November 15th. Benefits: Monthly allowance of JPY 145,000 for PMD or JPY 144,000 for Master’s program; tuition and admission fees are not collected; travel expenses to Japan are supplied.

Support for privately funded students
MEXT honors scholarship (reservation system and system for enrol/bed students)
Financial assistance of JPY 48,000/month is available for a number of students with good academic performance.

Tuition fee waiver – waiver/discount of tuition fees can be granted
Pay-back system for Doctoral Students – full tuition fee support through the combination of tuition fee waiver and research assistant employment is available.

Other scholarship programs (required directly to the concerned organization):
Japanese Government (MEXT) scholarship (Embassy recommendation) – you may also apply for another type of MEXT scholarship through the embassy.

AUN/SEED-Net (JICA) – scholarship for students from ASEAN countries.
ABE Initiative (JICA) – scholarship for young African professionals.
Pacific – LEAD 5 (JICA) – scholarship targeted to 14 countries of South-Pacific region.
Innovative Asia (JICA) – scholarship for students from leading Asian universities.

**CONTACT US**

http://www.eng.hokudai.ac.jp/e3/
https://www.facebook.com/e3program.hokudai/

**SUGIYAMA TAKAFOU MI**

Professor, Graduate School of Engineering

**HADIE BUKHLI ALI**

2nd year doctoral student, Division of Mechanical and Space Engineering

English Engineering Education E³ program offered me an opportunity to pursue Doctoral degree under the guidance of world class researchers and stimulating multicultural environment for learning and research. Construction phenomena is fascinating and yet an area to explore. Study of its nature, in monogamy conditions, can lead to the applications on earth, and the project I’m a part of, we hope, will allow us to enhance the efficiency of combustion power plant and reduce the usage of fossil fuel.

My laboratory provides me with advanced equipment and materials necessary for my research. Developing my own experimental set-up has been constantly learning new skills and techniques. While through research work, I have deepened my knowledge and developed problem-solving skills, course work was a source of inspiration to explore new ideas and wide conceptions. The program gives me confidence to become an independent researcher in future.
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)

For more information, please visit the following link: http://www.sgr.hokudai.ac.jp/en/sgpp/application-procedure/

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)

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.

75 course subjects offered in English!

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 visit your local Japanese Embassy.

CONTACT US
http://www.sgr.hokudai.ac.jp/en/sgpp/

KAZUNORI IWABUCHI, PROFESSOR, FACULTY OF AGRICULTURE

Mukumbuta Ikabongo (Zambia) Special Postgraduate Program in Biosphere Sustainability Science, doctoral student, Grad. School of Agriculture

Hokkaido University provided me an opportunity not only to conduct cutting edge research into global problems but also a platform to meet and network with people from various countries and disciplines. The University has a beautiful campus and great laboratories. My research is focused on mitigating greenhouse gas emissions from soils for a clean and climate-smart agriculture. This is of particular importance to my country, Zambia, as our agriculture must undergo significant improvements in productivity to meet the combined challenges of population growth and climate change. I am certain I will be more equipped to help solve challenges related to food security and environmental sustainability when I go back to my country.

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 Japan and society. They 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.
MASTER'S AND DOCTORAL PROGRAM IN SCIENCE

INTERNATIONAL COURSE IN GRADUATE SCHOOL OF SCIENCE

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/graduateschool/en/

CHOOSE YOUR STUDY FIELD AND RESEARCH GROUP

Mathematics
Algebra / Geometry / Analysis / Applied Mathematics

Condensed Matter Physics
Statistical Physics / Mathematical Physics

Advanced NMR / Condensed Matter Theory / Nanosystems / Nanoelectronics / Solid State Physics in High Magnetic Field / Kondo Spin Resonance / Electron Spin Resonance

Cosmociences

Natural History Sciences
Physical Oceanography and Climatology / Physical Hydrology / Space Geology / Sedimentology and Paleoecology / Biological Oceanography / Earth System Science / Earth System Evolution / Geosciences

Sociological Sciences / Social Systems / Information Science / Science and Technology / Social Systems / Environmental Science / Social Systems / Science and Technology / Education Science / Science and Technology / Science Education

SCHOLARSHIPS/SUPPORT

Hokkaido University Funded

Hokkaido University has one dedicated scholarship under the banner of 'Hokkaido University Scholarship' available for self-supported students with excellent grades who wish to study at graduate level. It is known as the 'Special Grant Program for International Students'.

Japanese Government Funded

The Japanese Government also provides a scholarship known as the MEXT scholarship. This is a scholarship system that the Ministry of Education, Culture, Sports, Science and Technology offers, and is divided into the following three systems: (1) Domestic selection (2) University recommendation (3) Embassy recommendation

Private Organizations or Local Government Funded

Scholarships from private organizations and local governments. You can either apply for these through Hokkaido University, or apply individually. (1) Scholarships applied for through the university, (2) Scholarships applied for individually

SUPPORT BY OURS

Office for International Academic Support in the faculty can answer your questions in English and support administrative matters including entrance-examination applications of the graduate school as well as the student life.

CONTACT US

http://www.sci.hokudai.ac.jp/international/

kakusai@mail.tsc.hokudai.ac.jp
+81-(0)11-706-2916

The International Course in Graduate School of Science offers Master's and PhD level degrees and certificates for foreign students who want to study science at Hokkaido University. The course consists of four majors, Mathematics, Condensed Matter Physics, Cosmociences, and Natural History Sciences. The major of Natural History Sciences is further classified into two fields: Earth Sciences and Biodiversity and Organismal Evolution. You can undertake all your educational and research activities in English, yet interact closely with Japanese students.
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:
- Consult with a contact professor prior to submitting the application
- Hold a bachelor's degree

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

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 more information, please visit the website: http://www.fsci.hokudai.ac.jp/graduate-school/application/index.html

COURSE AND LABORATORY

Transdisciplinary Life Science Course
- http://fsci.hokudai.ac.jp/grad/pslab/
  - 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 / Private Immunity Laboratory / Laboratory of Embryonic and Genetic Engineering / Laboratory of Single-Molecule System Biology / Laboratory of Molecular Cell Dynamics / Laboratory of Chemical Biology / Laboratory of Biochemical Adaptation Science

Biocomputational Science Course
- http://www.fsci.hokudai.ac.jp/grad/bcslab/
  - Laboratory of Molecular Interaction / Laboratory of Plant Morphology and Gene Function / Laboratory of Plant Evolutionary and Developmental Biology / Laboratory of Gut Physiology / Biomedical Animal Research Laboratory / Laboratory of Cell Function and Structure I / Laboratory of Environmental Molecular Biochemistry / Laboratory of Gene Function and Regulation / Laboratory of Animal Genetics / Laboratory of Cell Structure and Function – Yamashita Lab / Laboratory of Cell Structure and Function – Enomoto Lab / Laboratory of Cell Structure and Function – Shima Lab / Laboratory of Cell Structure and Function – Shimosato Lab / Laboratory of Molecular Biology / Laboratory of Plant Adaptation Biology / Laboratory of Behavioral Physiology / Laboratory of System Neurobiology / Laboratory of Behavior and Neurobiology – Mizunami Lab / Laboratory of Behavior and Neurobiology – Tanaka Lab / Laboratory of Behavioral and Neurobiology – Sato Lab / Laboratory of Behavioral and Neurobiology – Soma Lab / Laboratory of Molecular Neurobiology / Laboratory of Neurosensory and Neurophysiology / Laboratory of Reproductive and Developmental Biology / Laboratory of Reproductive and Developmental Biology – Aizawa Lab / Laboratory of Reproductive and Developmental Biology – Kubo Lab / Laboratory of Reproductive and Developmental Biology – Kitahara Lab

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 sciences 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.

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/fpp/overview.html

SCHOLARSHIPS FOR SELF SUPPORTED STUDENTS:

Reservation Program for Mombukagakusho-Honors Scholarship for Privately Financed International Students by Pre-admission 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/fpp/overview.html

24-7: ssvp@fsci.hokudai.ac.jp
8 a.m. to 5:00 p.m. (Mon-Fri)
+81-011-708-2247

Jian Ping Gong
GRADUATE SCHOOL OF LIFE SCIENCE

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 21st Century 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 – it 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!!
DOCTORAL PROGRAM IN CHEMISTRY AND MATERIALS SCIENCES
INTERNSHIP PROGRAM OF PhD DEGREE ADVANCED GRADUATE SCHOOL OF CHEMISTRY AND MATERIALS SCIENCE

APPLICATION DETAILS AND ENTRY REQUIREMENTS

APPLICATION PERIOD: April and October each year

SELECTION METHOD:
1. First screening (document screening)
2. Second screening (oral screening)

The oral screening (interview) will be held via Skype, etc.

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:
- To obtain entry to 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.

COURSE CONVENOR

Jinjiang Zhang (China) AGS, Doctoral Graduates, Graduate School of Chemical Sciences and Engineering

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 the 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 occasion. This is a very rewarding event which allows intercultural exchange between Japanese students and international students over two days.

SCHOLARSHIPS/SUPPORT

Selected 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/

agsteng.hokudai.ac.jp
+81-011-706-8110
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, 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 deadlines specified on the website in order to be assessed: Application Form / Curriculum Vitae / Short Essay / Research Plan / Career Plan / Report on Scientific and Academic Activities / Certificate of English Proficiency / Evaluation Report (Form). If your expected supervisor is not expected to be submitted, other documents were required. 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 zoonotic and veterinary 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. A student additionally pursue experimental research (4 years), write a dissertation and obtain a PhD degree.

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

Electives - Subjects on Fundamental Veterinary Science:
Advanced Animal Experimentation (Eng) / Advanced Biostatistics (Jpn) / Practice on Analytical Machines (Jpn/Eng) / Advanced Animal Production / Environmental Radiation Biology (Eng) / Advanced Environmental Toxicology (Jpn) / Advanced Lectures on Veterinary Public Health (Eng) / Advanced Lectures on Veterinary Virology (Eng) / Advanced Parasitology (Eng) / Advanced Veterinary Microbiology (Eng) / Advanced Lecture on Life Science I: Principles of Life Sciences (Eng) / Advanced Lecture on Risk Analysis in Veterinary Field (Eng) / Advanced Lecture on One Health (Eng) / Advanced Lecture for Zoosnthesis Control (Eng) / Advanced Wildlife and Conservation Medicine (Eng)

Electives - Subjects on Specialized Veterinary Science:
Special Lecture on Veterinary Science: Clinical Science (Eng) / Advanced Lecture on Behavioral Science (Eng) / Advanced Lecture on Veterinary Internal Medicine (Jpn) / Advanced Lecture on Recent Advancement of Veterinary Surgery (Eng) / Advanced Lecture on Theoretical Genetics (Jpn) / Advanced Lecture on Molecular Medicine in Animals (Jpn) / Advanced Lecture on The Application of Veterinary Clinical Imaging (Eng) / Advanced Lecture on Veterinary Pathology (Eng) / Advanced Lecture on Life Science II: Imaging of biophysical phenomena from invisible to visible (Eng) / Advanced Lecture on Life Science II: Complexity of Planes and Brain (Eng) / Advanced Lecture on Life Science II: Developmental Biology and Engineering (Upa/Eng)

Others:
Advanced and Comprehensive Studies on Zoosnthesis Control (Eng) / Advanced and Comprehensive Studies on Chemical Hazard Control (Eng) / Practice on Veterinary Field (Upa/Eng) / Practice on Veterinary Collaborative Research (Eng) / Veterinary Abroad (Eng) / Domestic Internship (Upa/Eng) / Advanced Studies on Veterinary Science (Upa/Eng) / Inter-Graduate School Class (Upa/Eng) / Upa: Subject offered in Japanese. Eng: Subject offered in English. While some courses are offered only in Japanese, we offer sufficient course for students to graduate by choosing English courses only.

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 ¥150,000 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 interdisciplinary understanding, and facilitate interaction with Japanese students. "Things do not go smoothly, but from the International Student Support Desk to the University's bilingual counseling service, you will always be able to turn to for help.

CONTACT US
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+81-549-1-706-5945

MOTOKO HORIUCHI
PROFESSOR
Graduate School of Veterinary Medicine

Orozsky Balazs (Hungary) on Year Doctoral Student, Graduate School of Veterinary Medicine
"Studying Veterinary Medicine at Hokudai 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 Zoosynthetic Control Center, is also extremely well-equipped whatever you need for your research, from microscopes to analytical machines, to next generation sequencers, you find it, as well easy access to all relevant journals. It studying requires careful planning, and how they cope with environmental influences. We know that Japan's population is on the wane, and that many species have become endangered. Unfortunately, we don't know much about people, physiology, especially how they defend 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."
DOCTORAL PROGRAM IN VETERINARY RESEARCH
SPECIAL TRAINING PROGRAM FOR VETERINARY RESEARCHERS
TOWARD BUILDING AN INTERNATIONAL NETWORK OF VETERINARY RESEARCHERS

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

- wish to apply to be eligible for the MD program
- be one of the below:
  - Graduate of a School of Veterinary Medicine with a slayer course
  - Graduate of a School of Medicine, Dentistry or Pharmaceutical Sciences with a six-year course
  - Graduate of a School of Veterinary Medicine with a Master’s degree is generally required
* Applicants who fall into the above conditions of requirements
- must complete eighteen years of formal education.
- 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’s program of admission.
- 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 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 adjacent 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 interests.

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 Thoracic Surgery / 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 Hematology
Research Center for Zoonosis Control: Division of Global Epidemiology / Division of Molecular Pathobiology / Division of Biosources / Division of Collaboration and Education / Division of Bioinformatics / Division of Infection and Immunity / Unit of Risk Analysis and Management

62 credits offered in English!

Animal health issues transcend borders, as seen in the spread of avian influenza, BSE, foot-and-mouth diseases and other zoonoses. For this reason, collaboration on research and control of zoonoses is 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 students, and we are engaged in a diverse range of research activities in the utilization of our knowledge in veterinary science.
- In 2007, the Graduate School of Veterinary Medicine in cooperation with the Research Center for Zoonosis Control introduced this special program designed for international students wishing to study veterinary science at Hokkaido University.

- Our students have 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.

EUGENE CBWALYA (ZAMBIA) Special Training Program for Veterinary Researchers - Doctoral Course, Graduate School of Veterinary Medicine

- The special training program has been the most effective experience for my research and teaching career by according me many learning opportunities in diverse fields of Veterinary Science tailored to fostering Global Research Leaders under the One Health emblem. Through the program curriculum and various courses offered I have learnt new techniques, met and interacted with famous research pioneers in diverse fields and been enabled to present my research findings at both local and international conferences under the Program’s financial support. I am now engaged in research activities, staying in Japan as a foreigner has also given me a great opportunity to learn about the unique Japanese culture and language, and enjoy the Japanese cuisine.

- I would highly recommend this program especially to young researchers who would like to make a difference in their countries and be the next Global Leaders in Veterinary Science.

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 2015 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 English counseling service, you will always be able to turn to someone for help.

CONTACT US
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1. COURSE IN GLOBAL ENVIRONMENTAL MANAGEMENT (GEM)

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

M ASTER'S

ENTRY REQUIREMENTS: To obtain entry into the Master's Course, applicants must have completed 6 years of education in a foreign country and hold a bachelor's degree in any field.

DOCTORATE

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

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 Control (2 credits) / Advanced Course in Environmental Adaptation (2 credits) / Advanced Course in Natural Resources Management and Policy (2 credits) / Advanced Lecture in Geophysical Resources (2 credits) / Advanced Course in Marine Sedimentology (2 credits) / Advanced Course in Biogeochemistry (2 credits) / Advanced Course in Water Resource 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 Work for Biogeochemistry (4 credits) / Study on Fostering Leaders for Environmental Conservation (4 credits) / EPEES 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) 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.

CONTACT US

http://www.ees.hokudai.ac.jp/

Koyma@ees.hokudai.ac.jp
+81-811-706-2204

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 professionals 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 field 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 doctoral 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.

Bolorchimeg Byamba "Chimka" (Mongolia) and your Doctoral student, Graduate School of Environmental Science

SCHOLARSHIPS/SUPPORT

SCHOLARSHIPS:

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

Scholarships through the Graduate School of Environmental Science: Mori>Misaki's Honors Scholarship for Privately-Financed International Students (Monthly stipend of ¥44,000 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 Sciences as well as the Office of International Affairs will help you adapt to life in Japan, 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.