ENGLISH
DEGREE PROGRAMS IN
LIVE IN HOKKAIDO
Study in English!
CONTENTS

MODERN JAPANESE STUDIES PROGRAM ................................................................. P3-6
INTEGRATED SCIENCE PROGRAM ........................................................................... P5-6
E3 ENGLISH ENGINEERING PROGRAM .................................................................... P7-8
GLOBAL EDUCATION PROGRAM FOR AGRI-SCIENCE FRONTIERS ............................... P9-10
INTERNATIONAL CURRICULUM IN GRADUATE SCHOOL OF SCIENCE ....................... 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
SPECIAL TRAINING PROGRAM FOR FOSTERING GLOBAL SCIENTISTS TO EXPAND THE NETWORK OF VETERINARY SCIENCE FOR CONTRIBUTING TO ONE HEALTH .... P17-18
GLOBAL ENVIRONMENTAL MANAGEMENT / ENGLISH PROGRAM OF ENVIRONMENTAL EARTH SCIENCE FOR SUSTAINABLE SOCIETY ............................................. P19-20
LIVE IN HOKKAIDO
Study in English!
BACHELOR'S DEGREE IN JAPANESE STUDIES

MODERN JAPANESE STUDIES PROGRAM

The Modern Japanese Studies Program (MJP) 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. MJP 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 interest in 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 MJP provides the skills for various career paths in the Asian century.

MJSP AT A GLANCE

DEGREE TITLE: Bachelor's Degree (in the field of Japanese Studies)

PROGRAM LENGTH: 4 years (3.5 years including the Intensive Japanese Course)

STARTING DATE:
- October (Intensive Japanese Course + Bachelor's Degree program)
- April (Bachelor's Degree program only)

ENTRY REQUIREMENTS:
a) Non-Japanese nationality; permanent residency not in Japan;
b) 12 completed years of education in a foreign country or at an approved international school in Japan; OR will be at least 18 years of age and will hold a high school qualification deemed to be equivalent by the time of entrance.

c) Mother tongue: English; OR four years or more of secondary education,

-[at junior or senior high school, etc.] with English as the primary language of instruction OR English ability of JLPT N1, TOEFL 90, or TOEFL IBT 90 or higher;

d) Japanese ability: none for Intensive Japanese Course entry; intermediate Japanese for Bachelor's Degree entry (determined by an entrance exam); clear evidence of aptitude in foreign languages is strongly preferred;

- 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
Read carefully all the information on our website. Feel free to ask questions via email to the course coordinators at mjsp@eia.hokudai.ac.jp

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 the entrance examination. 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. INTERVIEW
Interviews are held in January (1st call and April 2nd call).

SCHOLARSHIPS/SUPPORT

FEES: Tuition fee for Intensive Japanese Course is ¥180,000 (2 semesters) and for Bachelor's degree program is ¥355,000 per year. But, we provide considerable financial support to offset the cost of your education.

Intensive Japanese Course
We are planning to waive the enrollment 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 receive these fees will not have any reductions of 25%, 50%, and 100%.

STUDENT SUPPORT

The staff will help you adapt to life in Japan 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.eia.hokudai.ac.jp/mjsp/
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 (physics, chemistry, and biology) in the 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) Courses taught by a diverse international faculty in English
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)

We offer the opportunity to graduate earlier with “Hokkaido University's advanced graduation initiative.” For further details, please visit our website.

ENTRY REQUIREMENTS: As of the application for October 2018 enrollment:
- Non-Japanese nationality; permanent residency not in Japan
- 12 completed years of education in a foreign country or at an approved international school in Japan OR will be at least 18 years of age and will hold a high school qualification deemed to be equivalent by the time of entrance.
- English ability: being a native English speaker, having received 4 years or more of secondary education (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 750, or higher
- *Above are the basic qualifications. More detailed information about the requirements can be found on our website.
- *Japanese language skills are not required for the ISP students.

For further details, please visit our website: https://www.eia.hokudai.ac.jp/isp/

COURSE STRUCTURE

The ISP program fundamentally consists of a four-year Bachelor's degree and a two-year Master's degree.
For the first six months of the Bachelor's component, the students take fundamental courses of natural sciences, liberal arts, and Japanese. After that, they will start obtaining more specialized knowledge and practical skills in their chosen fields (physics, chemistry, and biology).

The Master's degree will include active research components, 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.

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><strong>ISP Fully Supported Students</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor</td>
<td>¥12,000</td>
<td>¥282,000</td>
<td>Waiver x 2 years</td>
<td>¥100,000/Month x 3.5 years</td>
</tr>
<tr>
<td>Master</td>
<td>¥30,000</td>
<td>¥282,000</td>
<td>Waiver x 2 years</td>
<td>¥100,000/Month x 2 years</td>
</tr>
<tr>
<td><strong>ISP Partially Supported Students</strong>*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor</td>
<td>¥12,000</td>
<td>¥282,000</td>
<td>Waiver x 1 year*</td>
<td>¥50,000/Month x 1.5 years</td>
</tr>
<tr>
<td>Master</td>
<td>¥30,000</td>
<td>¥282,000</td>
<td>Waiver x 1 year*</td>
<td>¥50,000/Month x 1.5 years</td>
</tr>
<tr>
<td><strong>Regular Students</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor</td>
<td>¥17,000</td>
<td>¥535,800</td>
<td>Waiver</td>
<td>¥535,800</td>
</tr>
<tr>
<td>Master</td>
<td>¥30,000</td>
<td>¥535,800</td>
<td>Waiver</td>
<td>¥535,800</td>
</tr>
</tbody>
</table>

* As of April 2018
**ISP Partially Supported Students will be exempt from tuition fees and will be provided with a scholarship for the initial 1 year of study.
For more details, please visit https://www.eia.hokudai.ac.jp/isp/

FACULTY

Ranjan Rajagopal (India)

Enrolling in the ISP has given me an opportunity to have a strong scientific base. My classmates and professors are from different countries and it is extremely interesting to understand their perspectives. I believe that the international aspect of this course accelerates my learning even further. The faculty and staff at the ISP Office have always been extremely friendly and supportive, helping us with every little need. I chose to study at Hokkaido University because of its reputation in scientific research and beautiful campus. I especially love the changing landscapes of Sapporo through every season. The welcoming nature of the people adds to the pleasure of living here. I can also learn Japanese, one of the most difficult languages out there. Studying science in Japan has been an enriching experience and I highly recommend it to anyone who wants to enter the field of science.
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 your 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 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.

**E³ ENGLISH ENGINEERING PROGRAM**

**SUGIYAMA TAKAFUMI**
Professor, Graduate School of Engineering

Thanks to the English Engineering Education in this Program, I got an opportunity to pursue a doctoral degree in English in Japan, in the comfortable and intellectually stimulating atmosphere. I have been enjoying my interaction with students, professors, and academic staff from around the world and learning different cultural perspectives from them. Through the classes (both in E³ program), I gained a wider insight about geoscience engineering especially such resources. I’m privileged to conduct research under the guidance of the world-class geoscientists and environmental science experts. Formerly, I was trained at the Graduate School of Engineering at Hokkaido University. I was available for teaching English and I always found that there are many additional necessary instruments for my research.

I’m working on technology to enhance biogas/methane generation through the injection of a strong agent into low-rank coal seams in the sub-surface environment. Not only the technology is expected to provide a new stable source of energy, but also contribute to the mitigation of greenhouse gases. Moreover, compared to the conventional coal mining it allows substantial reduction of capital and operational costs and has a great potential to be adopted in Indonesia, which has abundant brown coal resources, thereby allowing me to implement my knowledge in my home country.

**Scholarships/Support**

Japanese Government (MEXT) scholarships
Japanese government offers full-scholarships for outstanding students (including monthly allowance of JPY 145,000 for PhD or JPY 144,000 for Master’s program recipients are exempted from tuition and admission fee; 2 years in either case). Through such frameworks as University nomination (including Top Global University Project slot), Foreign Study Coordinator slot (regions with coordinator’s office), Program for Indian railways professional, embassy nomination. Support for privately funded students: MEXT honors scholarship (reservation slot for students accepted directly into degree program and slot for already enrolled students).

Financial assistance is JPY 48,000/month for a period of 6-12 months is available for a number of students with good academic performance. Tuition fee waiver: 5% of 25 or 50% or 75% tuition fee waiver 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.

Programs funded by Japanese International Cooperation Agency (JICA)
Innovative Asia – scholarship for students from the leading Asian universities, AUN/SEED-Net – scholarship for students from participating institutions in ASEAN countries, ABE initiatives – scholarship for young African professionals (54 African countries), Pacific REAP – scholarship targeted to 14 countries of South-Pacific region, Kieuza Program in Sustainable Resource Development (mining engineering) Scholarship program of Development Initiative for Road Asset Management.

**Contact Us**

http://www_eng.hokudai.ac.jp/e3/
http://www.facebook.com/3program.hokudai/
http://m3program.eng.hokudai.ac.jp
+81-011-706-4898
Google: Introductory e3, HU Youtube
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 Global Education Program for Agriscience Frontiers 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.

**CHOOSE YOUR DIVISION**

- Division of Agrobiology: Pathogen-Plant Interactions / Plant Breeding / Applied Molecular Entomology / Molecular Biology / Molecular Enzymology / Animal Breeding and Reproduction / Animal Production System / Animal Welfare / Applied Plant Genetics
- Division of Applied Bioscience: Molecular and Biotechnological Chemistry / Natural Product Chemistry / Biochemistry / Medical Physiology / Food Science for Health and Therapeutics / Nutritional Biochemistry / Food and Chemical Biology / Applied Food Science / Ethnofood Central / Microbial Instrumental Microbiology

**SCHOLARSHIPS/SUPPORT**

Scholarships
Japanese government scholarships (MEXT) are available for foreign students with good academic performance and language skill who are eager to study in Japan. Embassy Recommendation is one of the kinds. For more information, please consult your local Japanese Embassy. JASSO scholarship is another possibility. Enrollees and applicants of this program have more chance of getting the scholarship comparing with students of regular courses.

**STUDENTS 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, provide opportunities to deepen your intercultural understanding, and facilitate interaction with Japanese students. Things do not always go smoothly, but 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://lab.agr.hokudai.ac.jp/en/sppg/

KAZUNORI IWABUCHI
Professor
Research Faculty of Agriculture

**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 bio-science. We have expanded our science-centered programs toward to include field research activities and environmental sciences, making this course one of the most exciting programs of its kind in Japan. Graduates of this program will have the good judgment needed to resolve 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.
MASTER’S AND DOCTORAL PROGRAM IN SCIENCE

INTERNATIONAL COURSE IN GRADUATE SCHOOL OF SCIENCE

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, Cosmosciences, 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.

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
- Electronic Properties of Solids / Electronic Properties of Low-dimensional Conductors / Low Temperature Physics / Condensed Matter Dynamics / Nanomaterials
- Advanced NMR / Condensed Matter Theory / Nanosystem Photonics / Solid State Physics in High Magnetic Field /Muon Spin Resonance / Electron Spin Resonance

Cosmosciences
- Observational Astronomy / Theoretical Astrophysics / Theoretical Particle Physics / Theoretical Nuclear Physics / Planetary and Space Group / Astrophyiscal Chemistry / Ice and Planetary Science / Space Weather / Dynamical Chemistry / Information Media Science / Nuclear Reaction Data / Science / Spacecraft Observation (SSAO)

Natural History Sciences
- Paleoecology / Palaeozoology / Palaeoecology / Paleomagnetism / Earth Materials Science / Earth System Evolution / Geotectonics
- Stratigraphy / Sedimentology / Biogeography / Tectonics / Volcanology / Subsurface Structure
- Animal Systematics / Algal and Protist Systematics / Genomic and Molecular Biology / Genetics Diversity
- Communication of Science and Technology / Philosophy of Science and Technology / Museum Education and Media Studies / Science Education

COURSE CONVENOR

Welcome to the International Course in Graduate School of Science. Under the guidance of our expert staff, you will gain new knowledge, find problems to solve, and enjoy using your imagination in scientific endeavors. The course also provides you with interdisciplinary learning opportunities by linking up with the Inter-Graduate School Classes provided by Hokkaido University. I encourage all of you to take advantage of the special resources that we can offer in order to engage in high-quality research and studies for science at Hokkaido University.

Emiyati (Indonesia) D1, Department of Natural History Sciences, Graduate School of Science

I am Emiyati from Indonesia, a Ph.D student in the Faculty of Science, Division of Earth and Planetary Dynamics, in Physics Oceanography and Climate Group. I am so grateful to study at Hokkaido University, one of the best university in Japan which have big and beautiful campus and known as a Winter Wonderland. Our lab provides complete facilities, super computers for data process and analysis, comfortable study room and good atmosphere which make us enjoyable to study and conduct the research. Supervised by professor who has extensive experience in research, publication and international collaboration, will provide me international level of science including training of thinking and analysis technique. Study at Faculty of Science, Hokkaido University make me learn a lot, not only in academic but also in social life and I believe it will be useful when I am back to my country.

SCHOLARSHIPS/SUPPORT

Japanese Government Funded

The Japanese Government also provides a scholarship known as the Móbilegakusho MEK 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 Organization or Local Gov’t 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 OAS

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/

+81-11-708-2916

TAKAYA NAGAI

PROFESSOR

GRADUATE SCHOOL OF SCIENCE

INTERNATIONAL COURSE IN GRADUATE SCHOOL OF SCIENCE
In these highly esteemed degree programs, students focus on advanced research areas in the field of Life Science with renowned academicians 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.

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

“I feel really fortunate to get the opportunity to study in this 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 biomedical application. It 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 lists 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!”

SCHOLARSHIPS/SUPPORT

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

JAPANESE GOVERNMENT (MEXT) SCHOLARSHIP

Japanese government scholarship (embassy recommendations and university recommendation) are available. For more details, please consult with your local Japanese embassy.

SCHOLARSHIPS FOR SELF SUPPORTED STUDENTS

Reservation Program for Mombukagakusho Monbusho Scholarship for Privately Financed International Students by Pre-arrival Admission: a few students for master’s and doctoral students for 6 months or 12 months.

TRAVEL SUPPORT

Faculty of Advanced Life Science supports program students who go abroad for internships or conferences/workshops to attend or make a presentation.

STUDENT SUPPORT

Staff at laboratories, KSP office, and Graduate School of Life Science will be here to help you. Information from KSP is both in Japanese and English.
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, catalysts, materials chemistry, biochemistry, and chemical engineering.

COURSE CONVENOR

In our program, students are educated by a total of 330 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 fierce competition. Financial support is also provided, as is the opportunity to participate in Summer School (see below), travel to international conferences, and join international internship programs. The course enrollment is a mix of Japanese and international students giving it a truly international flavor.

We welcome you to apply.

Jinjiang Zhang (China)  AGS, Doctoral Graduate, 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 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. Sports and recreational activities such as enjoying the best of nature in Hokkaido are also a big part of the experience. This is a very rewarding event which allows international 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/

+81-011-706-8110
SPECIAL TRAINING PROGRAM FOR FOSTERING GLOBAL SCIENTISTS TO EXPAND THE NETWORK OF VETERINARY SCIENCE FOR CONTRIBUTING TO ONE HEALTH

ADMISSION AND COMPLETION REQUIREMENTS

ADMISSION REQUIREMENTS:
- be a non-Japanese citizen residing outside of Japan
- be not more than 35 years of age on April 1 of the previous year you wish to apply for the NEXT scholarship
- be one of the below:
  1. Graduate of a School of Veterinary Medicine with a five-year or more course
  2. Graduate of a School of Medicine, Dentistry or Pharmaceutical Sciences with a five-year or more course
  3. Graduate of a Graduate School Master’s course
- if Master’s degree is generally required
- *Applicants who fall into the above conditions of requirements
  1-3 (must complete eighteen years of formal education in principle.
  If you are unable to fulfill the above mentioned criteria, you must have the evaluation for 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:
  1. Complete 38 credits in the required bracket and 15 in the elective bracket of Graduate School of Veterinary Medicine
  2. Complete 38 credits in the required bracket and 10 in the required elective bracket of Graduate School of Veterinary Medicine
- Complete a thesis based on your own research results conducted during the course and submit this thesis to multiple examiners
  1. (Principal) 3 or more adjacent referees
  2. 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.

On this program, Hokkaido University’s Graduate School of Veterinary Medicine and Graduate School of Infectious Diseases (both established in April 2017) offer a curriculum encompassing two expert training courses (i.e., the Special Course for Zoonosis Control Experts and the Special Course for Chemical Hazard Control Experts) in their areas of excellence. The aim is to nurture researchers in veterinary science with broad outlooks and skills both in their own fields of expertise and elsewhere. Leveraging the global networks developed by the faculties of the two schools, the program is also designed to foster the development of international research leaders capable of contributing to the One Health initiative by helping students gain practical experience outside Japan via overseas field studies, internships, joint research with overseas institutions and other programs.

COURSE CONVENER

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

GVirtual Classroom: View the latest courses, research activities, and an introduction to the virtual classroom.

Dr. Yoshinobu Sakoda
Faculty of Veterinary Medicine

EUGENE CWALYA (ZAMBIA)
Special Training Program for Veterinary Scientists – Doctoral Course, Graduate School of Veterinary Medicine

The Special Training Program has been designed to provide young African scientists with opportunities to pursue advanced studies in veterinary science, and to foster international scientific research collaborations. The program offers a unique opportunity to conduct cutting-edge research in the field of veterinary medicine, and to gain valuable experience working with leading experts in the field.

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 2017 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 International Affairs Department 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 services, you will always be able to turn to someone for help.

CONTACT US

Visit the website for details about the program.

https://www.vetmed.hokudai.ac.jp/en/about/gpg

+81-117-708-5175

kyomsh@vetmed.hokudai.ac.jp
MASTER’S AND DOCTORAL PROGRAM IN ENVIRONMENTAL SCIENCE

1. COURSE IN GLOBAL ENVIRONMENTAL MANAGEMENT (GEM)

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

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/

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 Resource Management and Policy (2 credits)
   - Advanced Lecture in Geoscientific and Environmental Sciences (2 credits)
   - Advanced Course in Marine Sedimentology (2 credits)
   - Advanced Course in Biogeochemistry (2 credits)
   - Advanced Course in Glacier and 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 Seminar
   - Laboratory Work in Environmental Analysis (4 credits)
   - Laboratory Work in Environmental Materials Science (4 credits)
   - International Laboratory Works for Biogeochemistry (4 credits)
   - Study on Fastening Leaders for Environmental Conservation (4 credits)
   - EPEES Program Seminar / Course Seminar / Environmental Tour Seminar

5) Special Study and Reading
   - Research in Environmental Science 1 / Seminar in Environmental Science 1 / Development / Seminar in Environmental Science 2 / Development

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: Monbukagakusho Grant for Foreign PhD Students (Monthly stipend of ¥480,000 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 differs 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/

TATSUMI OKINO
Professor
Graduate School of Environmental Science

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, an 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 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, we strongly recommend that you apply for our high-quality courses in English which will challenge you to think about our natural environment in new and innovative ways. We look forward to seeing you at Hokkaido University.

Mst. Raniz Fatima Binte Hassain (Banbladesh) 1st year Doctoral Student, Graduate School of Environmental Science

GEM course is an exclusive course, which is conducted in English. It enables us to know about diverse environmental problems around the world and their management. I am very proud to be a part of this community. I highly recommend this course if you are interested in global environment and determined to solve environmental problems.”