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

MJSP AT A GLANCE

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

PROGRAM LENGTH:
4 years (4.5 years including the Intensive Japanese Course)

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

ENTRY REQUIREMENTS:
a) Non-Japanese nationality: permanent residency not in Japan;
b) Completed at least 18 years of age and 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.
   (junior or senior high school) with English as the primary language of instruction OR English ability of ENFL-6.5, TOEFL-iBT 78, TOEFL-PBT 550 or higher;
d) Japanese ability: none for Intensive Japanese Course entry; Intermediate Japanese for Bachelor’s Degree entry (determined by an entrance exam);
e) A high school academic record that would enable you to attend a leading research 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.

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 Japanese 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.ois.hokudai.ac.jp/mjsp

SCHOLARSHIPS/SUPPORT

FEES:
Tuition fee for Intensive Japanese Course is ¥181,200 (3months) and for Bachelor’s degree program is ¥353,800 a year. But, we provide considerable financial support to offset the cost of your education.

Intensive Japanese Course
We are planning to waive the 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 don’t receive fee waivers during the second to fourth years may apply for fee reductions of 25%, 50%, and 100%.

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

CONTACT US

Modern Japanese Studies Program Office
+81-11-706-8230

Hokkaido University, Modern Japanese Studies Program

www.youtube.com/HokkaidoUniv

https://www.ois.hokudai.ac.jp/mjsp

Dr. Hironori Sasaki
Associate Professor, MJSP Graduated

People from all around the world come to study on MJSP. The international atmosphere is a fascinating learning experience in itself. We are all joined, however, by our common, deep interest in Japan. There is no better place to learn about Japan than actually in Japan. Our ambitious and defining educational aim is for all MJSP students to be able to take regular university classes in the Japanese language alongside their Japanese peers. We share our curriculum in English with Nitobe College, an international education program for students in other faculties. Extensive educational integration with the Japanese student population from the first year of the degree program is another key philosophy of MJSP.

Marissa Hillenmeyer (Germany)
After getting into anime with my father when I was only 5 years old, my interest in Japan grew with every day. Now, only 11 years later, I am in love with Japanese pop culture like manga, anime, and video games. Because of this passion, I had developed, I wanted to learn more about the various facts that make up Japan as it is now. MJSP will not only help you with your Japanese, but will provide you with the opportunity to explore Japanese culture and customs. During your 4-year Bachelor course, you will be working with world-renowned professors as you complete your education. I am researching the deaf community in Japan at the moment. This has intensified my interest in Japan society and in the future, I want to further my study of minority groups in Japan. At Hokkaido University and MJSP, you will have the chance to experience multiple aspects of living in Japan and enjoying university life. Even though it might seem tough at times, it is ultimately a genuinely fun adventure. (Entered MJSP in October 2013)
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 and 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 19 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, TOEKL 790, or higher
* Above are the basic qualifications. More detailed information about the requirements can be found on our website.

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 science, 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>ISP Fully Supported Students</th>
<th>ISP Partially Supported Students</th>
<th>Regular Students</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bachelor</strong></td>
<td><strong>Master</strong></td>
<td><strong>Bachelor</strong></td>
</tr>
<tr>
<td>Application Fee</td>
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<td>Enrolment Fee</td>
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<tr>
<td>Scholarship</td>
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<td>¥ 100,000/Month</td>
</tr>
</tbody>
</table>

*As of April 2019

For more details, please visit https://www.oia.hokudai.ac.jp/sp/
E³ ENGLISH ENGINEERING PROGRAM

Application steps

1. Select a research field and laboratory
2. Prepare research proposal and other application documents
3. Submit application to E³ (in April or October)
4. Documents screening and online interview with potential supervisor

MASTER’S

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

ENTRY REQUIREMENTS:
In order to obtain entry into the Master’s Program you MUST:
- Hold a four-year Bachelor’s Degree
- Have above average grades — 80% or 3.0 on a 4-point GPA Scale (country-specific grading is considered)*
- Have English proficiency equivalent to IELTS 6.0, TOEFL 79 or TOEIC 6870*

COMPLETION REQUIREMENTS:
In order to obtain this degree, you MUST:
- Obtain 90 credits from the English Curriculum
- Be supervised in English
- Submit a thesis in English and be examined in English
- Satisfy all publication requirements set out by the division.

DOCTORATE

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

ENTRY REQUIREMENTS:
In order to obtain entry into the Doctoral Program you MUST:
- Hold a four-year Bachelor’s Degree and a Master’s Degree
- Have above average grades — 80% or 3.0 on a 4-point GPA Scale (country-specific grading is considered)*
- Have English proficiency equivalent to IELTS 6.0, TOEFL 79 or TOEIC 6870*
- Have demonstrated your research potential through publications

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

SCHOLARSHIPS/SUPPORT

Japanese Government (MEXT) scholarships
Japanese government offers full-support 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 fees), accepts applicants through such frameworks as: University nomination (including Top Global University Project 31s), Foreign Study Coordinator 31s [regions with coordinators’ office], Program for Indian Railways professional, Embassy nomination.

Support for privately funded students

MEXT honors scholarship (reservation 31s)
Financial assistance of JPY 48,000/month (for a period of 6 or 12 month) is available for a number of newly enrolled Master’s and Doctoral students with good academic performance accepted directly into E³ program through the special selection.

Tuition fee waivers:
A discount of 25%, 50% or 75% on tuition fee waivers can be granted to the applicants in need.

Study support for Doctoral students:
- Full tuition fee waivers through the combination of tuition fee waivers and employment as research assistant is available.
- e³ Grant for self-supported Doctoral students— a grant of JPY 100,000 upon enrollment (one-time payment) is offered.

Programs funded by Japanese International Cooperation Agency (JICA)
- 31s accepts applicants through JICA scholarship programs, including:
  - AUN/SEED-Net— for students from participating institutions in ASEAN countries.
  - ABE Initiative— for young African professionals.
  - S4 Africa program.
  - Kizuna Program in Sustainable Resource Development (mining engineering)

Scholarship program of Development Initiative for Road Asset Management

JDS Program (in the field of Transportation Infrastructure) for government officials from Philippines M-JEED Program— for researchers and faculty members from participating institutions in Mongolia.

CONTACT US

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

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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 Agri Science 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.

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, environment, and food science - in addition to life science.

We have expanded life science centered programs twofold 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 humanity 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.

TAKASHI HIRANO
PROFESSOR, RESEARCH FACULTY OF AGRICULTURE

Mukumbuta Ikabongo (Zambia) Doctoral Graduate of the course.

National Graduate of the course.

I am one of the graduates of the Graduate School of Agriculture of Hokkaido University. Hokkaido University provided me with the opportunity not only to conduct cutting edge research to solve 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.

SCHOLARSHIPS/SUPPORT

SCHOLARSHIPS

This Program will recommend 4 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.

STUDENTS’ SUPPORT

The staff at 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 linguistic counseling service, you will always be able to turn to someone for help.

For more information, please visit the following link: https://lab.agr.hokudai.ac.jp/en/sppp/application-procedure/application-procedure/

CHOOSE YOUR DIVISION

Division of Agriculture, Frontiers in Production Sciences: PATHOGEN PLANT INTERACTIIONS, PLANT BREEDING, PLANT NUTRITION, VEHICLE ROBOTICS, AGRICULTURAL AND FOOD PROCESS ENGINEERING, AGRICULTURAL BIOTECHNOLOGY ENGINEERING

Division of Agriculture, Frontiers in Biociences: APP. ED MOLECULAR BIOLOGY/ MOLECULAR BIOLOGY/ MOLECULAR ENZYMOLGY/ MOLECULAR AND ECOLOGICAL CHEMISTRY/ CHEMICAL PRODUCTION/ BIOMEDICAL TECHNOLOGY/ MEMBRANE BIOLOGY/ MICROBIOLOGY/ NUTRITIONAL BIOCHEMISTRY / FOOD BIOCHEMISTRY/ ANIMAL GENETICS/ REPRODUC TION/ ANIMAL PRODUCTION/ SYSTEM/ ANIMAL PRODUCTIVITY/ ANIMAL HEALTH/ ANIMAL CONTROL/ ANIMAL ENVIRONMENTAL MICROBIOLOGY

Division of Agriculture, Frontiers in Environmental Sciences: ANIMAL ECOLOGY/ SYSTEMIC ENVIRONMENT/ SOIL SCIENCE/ VEGETATION AND FOREST ECOLOGY/ WOOD CHEMISTRY/ ECO SYSTEM MANAGEMENT/ FAIr STRUCTURE PROCESSES AND LAND MANAGEMENT/ FOREST POLICY/ LAND AND WATER MANAGEMENT/ ECOLOGICAL AND ENVIRONMENTAL PHYSICS/ SOIL CONSERVATION

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Masters and Doctoral Program in Science

International Course in Graduate School of Science

Masters

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.

For detailed information on entry, please check the website: http://www.sci.hokudai.ac.jp/graduateschool/en/

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.

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.

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

I am Eminati 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 provides a scholarship known as the Mombukagakusho, 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 Recommendation
2. University Recommendation
3. Embassy Recommendation

Private Organization or Local Gov’t Funded

Scholarships from private organizations and local governments are applicable. You can either apply for these through Hokkaido University, or apply individually.

Support by QS

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

Enquiries to : international@sci.hokudai.ac.jp
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 worldwide 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.

**Welcome Message**

Welcome to the "Innovation Program for Global Innovators 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 Science, 3-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 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 – this 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**

University recommendations (8 special quota, 8 students who work in October only) / University recommendations (general quota) / Embassy recommendations are available.

**Scholarships for Self-supported Students**

Reservations Program for Munakata Kazuo Monetary Scholarship for Privately Financed International Students by Pre-arrival Admission: a few students for master and doctoral students for 6 months or 12 months.

TRAVEL SUPPORT

Fees of Advanced Life Science supports graduate program students who go abroad for internships or conferences/workshop 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.

**Contact Us**

http://altair.sci.hokudai.ac.jp/grad/gpoverview.html

+81-011-776-2477
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

Kei Murakoshi
Professor, Graduate School of Chemical Sciences and Engineering

Finding out what students think

For detailed information on entry and application requirements, please see the website at http://www.eng.hokudai.ac.jp/ags/

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.

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.

APPLICATION DETAILS AND ENTRY REQUIREMENTS

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) will be held via Skype, etc. meaning you can undertake the entire application procedure without coming to Hokkaido University.

Forces 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

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/
Phone: +81(0)11-706-8110

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

Studying in the Advanced Graduate School of Chemistry and Materials Sciences (AGS) has been my best research experience. Lots of experimental instruments in the faculty ensure every student chances to explore state-of-the-art scientific issues. In the intensive courses and irregular lectures, we can hear perspectives from the scientists and engineers with various backgrounds and from top labs all over the world. I have established deeper understandings on my investigation in the courses, and also gather unexpected inspirations in the face-to-face discussions.

Hokkaido is such a beautiful and peaceful place. I find myself falling in love with the half-year snowy world and start to look forward to our lab’s ski trip again. In this international city, Sapporo, we can easily catch the modern fashion as well as the traditional Japanese culture. Stay in Sapporo would be a sweet memory in my life.

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 excursion. This is a very rewarding event which allows international exchange between Japan and students and international students over two days.
DOCTORAL PROGRAM IN VETERINARY RESEARCH / INFECTIOUS DISEASES
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:
In order to obtain entry into the doctoral program you MUST:
- be a non-Japanese citizen residing outside of Japan
- be no less than 35 years of age on April 1 of the previous year you wish to apply for eligibility 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
  4. Obtaining a doctoral degree is generally required.
- Applicants who fail any of the above conditions of requirements
- Applicants must have completed eighteen years of formal education in principle.
- If you are unable to meet the above mentioned criteria, you must have the evaluation for your ability and knowledge by the graduate school prior to the 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 in the required bracket and 15 in the elective bracket of Graduate School of Veterinary Medicine.
- Complete 38 credits in the required bracket and 10 in the required elective bracket in the elective bracket of Graduate School of Infectious Diseases.
- 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 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 with broad outlook and capability in the veterinary field. Providing extensive knowledge and skill 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 CONVENOR
Welcome to our unique program! Our faculty and graduate school jointly conduct educational programs and research projects with foreign partners, and we are engaged in a diverse range of outreach activities to utilize our knowledge in veterinary science.

YOSHIHIRO SAKUDA, PROFESSOR, FACULTY OF VETERINARY MEDICINE

Kien Trung LE (Vietnam) 1st year doctoral student, Graduate School of Infectious Diseases

The Special Training Program provides me, an e-learning student, with the access to the latest information of my scientific competence. In Vietnam where I am from, there have been several issues of animal health (e.g., avian influenza, foot and mouth disease, antimicrobial resistance) that I always desire to address. Fortunately, I found that the Special Training Program best suits my desire because I can connect my field experience with scientific base for solving these current issues. The program creates an international and interdisciplinary environment in which I can interact with experts, colleagues from different fields and different countries. Remarkably, the program provides a unique policy for promoting international collaboration through financial support of internship abroad, practical field study and conference travel and research experience and career path in an international context. Not only does the scientific knowledge fascinate me, but the unique Japanese culture also captures my interest. These features have led to my decision to pursue doctoral study in Japan for 4 years. I would strongly recommend this program especially to young researchers who would like to make a development in their country and be the next Global Leader 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 2018 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 Medicine as well as the International Affairs Department 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 will be able to turn to someone for help.

CONTACT US
https://www.vetmed.hokudai.ac.jp/en/about/ppa

Yosuke Itoyama
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DEPARTMENTS AND LABORATORIES

- Graduate School of Veterinary Medicine
  Department of Basic Veterinary Sciences: Laboratory of Anatomy / Laboratory of Physiology / Laboratory of Biochemistry / Laboratory of Pharmacology / Laboratory of Animal Nutrition / Laboratory of Parasitology / Laboratory of Radiology / Laboratory of Animal Science and Medicine
  Department of Environmental Veterinary Sciences: Laboratory of Toxicology / Laboratory of Wildlife Biology and Medicine
  Department of 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 Infectious Diseases
  Department of Disease Control: Laboratory of Microbiology / Laboratory of Infectious Diseases: Laboratory of Parasitology
  Department of Preventive Veterinary Medicine: Laboratory of Public Health / Laboratory of Veterinary Hygiene
  Research Center for Zoonosis Control: Division of Global Epidemiology / Division of Molecular Pathology / Division of Biometric / Division of Collaboration and Education / Division of Bioinformatics / Division of Infection and Immunity / Unit of Risk Analysis and Management / Laboratory for Biogeochemical Development
  Faculty of Medicine: Laboratory of Microbiology and Infectious Diseases

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1. COURSE IN GLOBAL ENVIRONMENTAL MANAGEMENT (GEM)

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.

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 Design (2 credits) / Advanced Course in Natural Resource Management and Policy (2 credits) / Advanced Lecture in Geoscientific Resources (2 credits) / Advanced Course in Marine Sedimentology (2 credits) / Advanced Course in Bioscience (2 credits) / Advanced Course in Climatic Change Science (2 credits) / Advanced Course in Bio-Material Chemistry (2 credits) / Advanced Course in International Communication/Methodology (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 Region (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 Bioscience (4 credits) / Study on Mediating Leaders for Environmental Conservation (4 credits) / EPOS 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

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

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

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