

# HOKKAIDO UNIVERSITY SHORT-TERM EXCHANGE PROGRAM

# HUSTEP



LIVE IN JAPAN  
STUDY IN ENGLISH

2018-  
2019



HOKKAIDO  
UNIVERSITY



# Welcome to





# HUSTEP

**broadens your horizons!**

The Hokkaido University Short-Term Exchange Program (HUSTEP) is a 'junior year abroad' type program designed to provide undergraduate students from affiliated universities with the opportunity to study in Japan at Hokkaido University. Participants in this program take a wide variety of classes offered in English in the fields of Culture and Society, Environment, Science and Technology. Students also have the chance to study the Japanese language. In addition, some participants can pursue independent study research under the guidance of a faculty member. There will also be an opportunity to take part in numerous traditional and contemporary Japanese cultural activities. Students admitted to the program are eligible to apply for a scholarship.

HUSTEP provides a safe and caring environment in which to carry out your academic studies and broaden your horizons. Participating in HUSTEP will help to prepare you for the future with knowledge and experiences that will last a lifetime. In addition, you will have a wonderful opportunity to meet and make friends with many Japanese people as well as international students from all around the world who come to study at Hokkaido University.

We would like to invite motivated university students from ALL disciplines to participate in HUSTEP.

Dr. Peter Firkola  
HUSTEP Program Director

Ms. Mika Fujiki  
HUSTEP Administrative Coordinator



# HUSTEP

## Course Details



HUSTEP offers students the choice of participating in the Research Course or the Semester Abroad Course.

The Research Course allows students to study for one year and take classes in English as well as Japanese language classes. In addition, students have the option to do an independent study under the guidance of a faculty supervisor. As part of the independent study, students may have a chance to study in a lab or attend seminars with Japanese students in various faculties.

The Semester Abroad Course allows students to study for one semester and take classes in English and Japanese language classes.

Students should choose carefully since switching courses is not permitted. Course details are listed below.

Course Overview	Research Course	Semester Abroad Course (Fall)	Semester Abroad Course (Spring)
Length	One year	Half year	Half year
Core Classes (in English)	Yes	Yes	Yes
Japanese Language Classes	Yes (optional)	Yes (optional)	Yes (optional)
Independent Study	Yes (optional)	No	No
Course Completion Requirements	Yes**	No*	No*
Study Period	Late September, 2018- Mid-August, 2019	Late September, 2018- Mid-February, 2019	Early April, 2019- Mid-August, 2019
Application Deadlines	February 16, 2018	February 16, 2018	October 31, 2018 Submit applications in October

### Eligibility

To be eligible to apply for HUSTEP, students must:

1. be from exchange partner universities
2. be enrolled and pay tuition fees at their home universities during study in Japan
3. have completed at least two years of undergraduate study prior to arrival in Japan
4. have GPA of 3.0 (B) or better on a 4.0 scale or equivalent
5. be proficient in English. Non-native English speakers must have a score of at least TOEFL iBT 79 or IELTS 6.5\*\*\*
6. be able to arrive in Sapporo by late September or first week of April

Please check HUSTEP application guidelines for complete eligibility requirements.

### Application Procedure

For details, please check the HUSTEP website.

<https://www.global.hokudai.ac.jp/prospective-students/exchange-student-admissions/exchange-programs-in-english-hustep/>

There is a screening process and not all students who apply will be accepted.

\* Students must take a minimum of 10 hours of classes (7 classes) per week to meet visa requirements.

\*\* Research Course students are required to obtain at least 10 credits in each semester, and at least 8 of these credits should be from core classes.

\*\*\* In exceptional cases, a different internationally recognized English test result may be accepted.



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## Core Classes

from a previous year



### ■ Culture and Society

- Animal-Human-Technology: Thoughts and Theories
- Anthropology: History and Debates
- Aspects of Consumption in Japan
- Career Planning
- Contemporary Japanese Society
- Contents Tourism and Pop Culture Pilgrimage
- Countries and Culture
- Critical English Education
- Does God Exist? The Great Debate
- Drama and Oral Interpretation
- Dynamic and Effective Presentations
- English Education in Japan
- Ethnographies of Japanese Culture
- Foundations of Postwar Politics: Constitution and Constitutionalism
- Gaming International Relations
- Gender and Sexuality in Contemporary Japan
- Globalization and Sustainability in Japanese School Education
- Historical International Experiences
- Hokkaido History
- Hokkaido: Then and Now

- How We Learn Languages
- Imperial Russian History from Peter to Petrograd
- Indigenous Peoples and Education
- Interpersonal Communication
- Historiography
- Japanese Politics
- Japanese Society
- Japanese Studies
- Social Theory
- Tourism Studies
- Japan and Multiculturalism
- Japanese Economy
- Japanese Foreign Policy
- Japanese Management
- Japanese Media and Popular Culture 2017
- Japanese Political Economy II: Advanced Readings
- Language Issues in a Globalized World
- Law, Rights, and Legal Culture

- Methods in Language Teaching
- Modern Japanese History
- Multiculturalism in Hokkaido and Japan
- Music and Culture
- Music Psychology
- Personal Stories and Religion
- Political Economy of Japan and East Asia
- Practicing Basic Natural Everyday English
- School Education and Society in Japan
- Sex, Gender and Hospitality in Japanese Society
- Social Inequality in Post-Growth Japan
- Special Topics in Media Studies
- Sustainability Studies beyond Hollywood Films 2017
- The Age of Total War: World History: 1904-1945
- The Politics of History in East Asia
- Thinking about Meiji Thinkers
- Topics in Japanese Thought
- Truth of Human Language Syntax:  
Special Reference to the Comparison of Japanese-English
- Workshop on Critical Thinking

### ■ Science, Technology and Environment

- Advanced Fluid Engineering
- Agriculture in Hokkaido
- Applied Animal Ecology
- Applied Mathematics for Engineering Mechanics
- Basic Principles of Inorganic Chemistry
- Biomechanics of Circulation
- Calculus
- Chemistry and English for Life Science
- Concrete Engineering
- Dynamics of Civil Engineering Structures
- Environmental Science for Biological Resources
- Essential Organic Chemistry
- Essential Physics
- Field Bioscience in the Northern Biosphere
- Food Resources and Environment
- Food, Nutrition and Culture in Japan
- General Biology
- General Chemistry
- Genetics
- Geotechnical Foundation Engineering
- Highway Engineering
- History of Geology
- Hydrology, Water Resources and River Engineering
- Infrastructure Maintenance Engineering

- Integrated Science
- International Project
- Animal Physiology
- Biodiversity Study
- Environmental Earth Science
- Marine Science
- Robotics
- Lifetime Engineering for Civil Infrastructure
- Linear Algebra
- Maintenance Engineering
- Mathematics and Physics of Metabolic Organization
- Mechanical Vibration and Control
- Medical Device and Biomaterials
- Modern Trends in Organic Chemistry and Biological Chemistry
- Modern Trends in Physical and Material Chemistry
- Overview of Energy Technology and Policy
- Phylogenetics
- Planet Earth and Environmental Footprint
- Resources Sustainability
- Science and Technology in History
- Solid Mechanics and Materials
- Space Propulsion Engineering
- Space Utilization Engineering
- Strength and Fracture of Materials

- Theory and Practice of Algorithms
- Theory of Computation
- Thermodynamics and Electromagnetism
- Vibrations in Engineering

### ■ Japanese Language

- Japanese Language Classes

### ■ Independent Study

- Independent Study

**A detailed syllabi for all of the classes is available at the HUSTEP website.**

The above class list is from 2017-2018 and will change.

The classes listed above and the independent study are worth 2 credits each.

The Japanese language classes are 1 or 2 credits each.

## Class Schedule

from a previous year

Time Table	Monday	Tuesday	Wednesday	Thursday	Friday
<b>1st</b> 8:45-10:15	Japanese Language	Japanese Language	Japanese Language	Japanese Language	Japanese Language
		Linear Algebra	Science and Technology in History	Calculus	
<b>2nd</b> 10:30-12:00	Japanese Language	Japanese Language	Japanese Language	Japanese Language	Japanese Language
		Topic in Japanese Thought	Methods in Language Teaching	Personal Stories and Religion	How We Learn Language
<b>3rd</b> 13:00-14:30	Japanese Language	Japanese Language	Japanese Language	Japanese Language	Japanese Language
	Topics in Japanese Thought	General Biology	School Education and Society in Japan	Contemporary Japanese Society	General Chemistry
		Gender and Sexuality in Contemporary Japan	Imperial Russian History from Peter to Petrograd	Language Issues in a Globalized World	Chemistry and English for Life Science
<b>4th</b> 14:45-16:15	Introduction to Environmental Earth Sciences	Hokkaido History	Multiculturalism in Hokkaido and Japan	Japanese Management	Career Planning
	Contents Tourism and Pop Culture Pilgrimage	The Politics of History in East Asia	Workshop on Critical Thinking	Applied Animal Ecology	
	The Age of Total War: History 1904-1945	Food Resources and Environment	Sustainability Studies beyond Hollywood Film	Music and Culture	English Education in Japan
<b>5th</b> 16:30-18:00	Countries and Culture	Hokkaido: Now and Then	International Project	Japanese Economy	Environmental Science for Biological Resources
		Music Psychology	Japanese Foreign Policy		
	Essential Physics	Agriculture in Hokkaido	Essential Organic Chemistry	Anthropology: History and Debates	

\* On average, students take one Japanese language class and one core class per day.

# HUSTEP

## Calendar

The following is the 2017-2018 Academic Calendar

Cultural Activities



## Academic Calendar

Late September Arrival

September 26 Program Orientation

September 27 Classes Begin (Fall Semester)

October Entrance Ceremony

December 26 - January 4 Winter Break

Mid-Feb Cultural Activities

February 9 Last Day of Classes



September



October



November



December



January



February







February 13 - Early April Spring Break

Early April Arrival

Early April Classes Begin (Spring Semester)

Mid-August Farewell Party

Mid-August Last Day of Classes



March



April



May



June



July



August



University Festival



Farewell Party



Toyohira River Fireworks



# Voices

## Participant Views of HUSTEP



“The Archery Club was a rewarding experience”



I was able to become a member of the Hokkaido University Archery Club. I practiced three times a week and participated in several tournaments throughout the year. Even though most of the members only spoke Japanese, I felt welcome and joining their activities helped me improve my Japanese.

Practicing my favorite sport so far away from home was an integral and rewarding part of my life as an exchange student.

The highlight was when I was given the opportunity to participate in the Eastern Japan Archery University Championships. Competing with so many extraordinary archers from Japanese universities was a once in a lifetime experience. I am thankful to the HUSTEP program for making this possible.



**Karolin Tybus**

University of Munich  
Germany  
Major: North American Studies



“I could gain more knowledge and enhance my skills”



It was such a fortunate event that I was accepted to participate in the HUSTEP program. I already had a dream to study in a laboratory of a world-renowned university such as Hokkaido University.

I studied in the Power and Energy Laboratory. I researched about power arbitrage. It was truly fascinating being able to work and share ideas with various people who also helped me to enhance my skill in power arbitrage modeling and analysis. Furthermore, I could gain more knowledge on the development of power systems through activities and seminars in the laboratory.

**Amron Naibaho**

Bandung Institute of Technology  
Indonesia  
Major: Engineering Physics





“Great opportunity to study machine learning”



For my HUSTEP independent study, I had the wonderful opportunity to study about machine learning, one of the most engaging fields in computer science. I joined experienced researchers in the Laboratory of Large Scale Knowledge Processing to learn about the real world applications of machine learning in the Department of Computer Science and Information Technology. I participated in weekly lunch meetings where we discussed the activities in our laboratory and also attended a seminar. Our laboratory is equipped with state-of-the-art computer systems and other research equipment.

The most interesting part was the project exercises. I was able to design a mobile application that could help students learn numbers in Japanese and English with ease. Everyone in our laboratory was very helpful. Thanks to this experience, I could enjoy my stay at Hokkaido University to the fullest. I hope to become an expert machine learning scientist someday.

**Emmanuel Wilson Chukwu**

Ebonyi State University  
Nigeria  
Major: Computer Science



“HUSTEP was one of the most valuable experiences in my life”



Being able to take part in HUSTEP was one of the most valuable experiences in my life. I was able to meet new friends from many countries and experience a new lifestyle completely different from back home.

All of the wonderful people taking part in HUSTEP were so friendly and fun to hang out with. I will never forget the things we did together; from eating at izakayas, singing at karaoke, skiing or just hanging out together. The mix of people from different countries made studying in Japan a very diverse experience. It allowed me to not only learn about Japanese culture and tradition but also other countries as well.



**Kaita Tsuchiya**

University of Hawaii, Manoa  
United States  
Major: Mechanical Engineering





Dr. William S. Clark:  
Founding Father of Hokkaido University



# HOKKAIDO UNIVERSITY

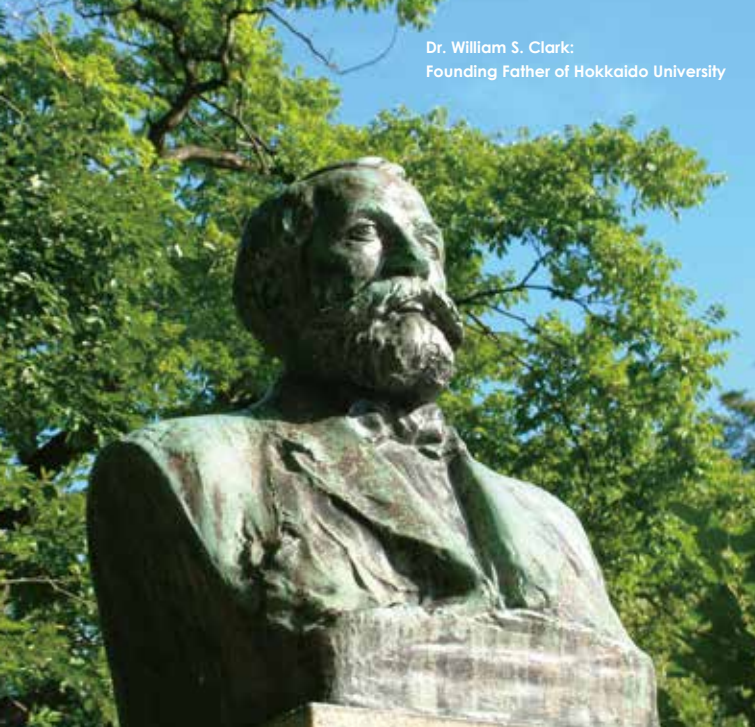
Founded in 1876, Hokkaido University is one of the oldest, largest and most prestigious universities in Japan.

Our students and researchers come from all over the world and all backgrounds to prepare for a life of new challenges. We are unique among Japan's leading universities in the breadth of disciplines we offer, providing a variety of opportunities for personal growth and all-round education that develops unique insights and broader perspectives.

In the heart of Japan's northern city of Sapporo, our main campus provides the perfect balance of natural scenery with state-of-the-art teaching, research and student support facilities. Our academics pursue excellence in teaching, reaching across disciplines to offer the very best in innovative and broad based education. Learning from these top academics exposes Hokkaido University students to excellence and challenges them to succeed as leaders in whatever career they choose.

At Hokkaido University, there is more to student life than just lectures. An abundance of opportunities await international students to become part of the many activities available on campus. Students can join one of over 250 clubs, participate in sporting activities, visit the university's museum, attend a university festival or just relax with friends in one of the many university cafeterias in between lectures. Hokkaido University offers students the chance to gain valuable experiences and to make new friends. Your year abroad here at 'Hokudai' will be one to cherish for a lifetime.

Hokkaido University website : <https://www.global.hokudai.ac.jp/>



Faculty of Agriculture



Model Barn



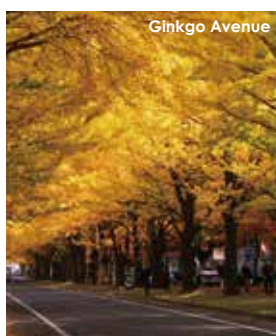
Poplar Avenue



Furukawa Hall

## Quick Facts

- Total Enrollment: 18,362
- Undergraduate Students: 11,935
- Graduate Students: 6,338
- Research Institute Students: 89
- International Students: 1,891
- Partner Universities: 568
- Faculty and Staff: 4,004
- University Color: Forest Green
- University Flower: Trillium  
(as of May, 2017)



Ginkgo Avenue



Sakushukotoni  
River



The Hokkaido  
University  
Museum



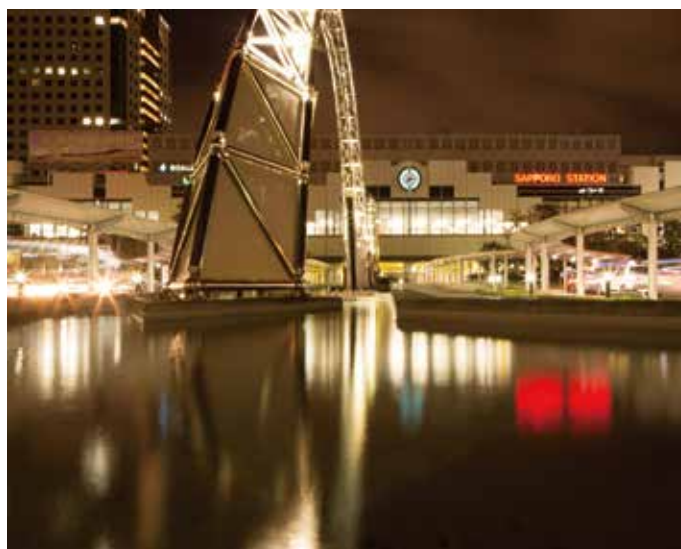
# Life in Sapporo



Sapporo, the city in which you'll be living, is Japan's fifth largest city with a population of almost 2 million people. Sapporo is known for its amazing food, unique history, natural beauty, and cosmopolitan character. With its fashionable restaurants, great shopping areas and relaxed atmosphere, it is often rated as the most desirable place to live in Japan. Sapporo provides an excellent quality of life and an affordable cost of living for students.

Sapporo City website : <http://www.city.sapporo.jp/city/english/>

## Aerial View of Hokkaido University Campus and Sapporo







HOKKAIDO  
UNIVERSITY

# CONTACT

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Institute for International Collaboration

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