



Integrated Science Program

The Integrated Science Program at Hokkaido University provides students with a wide scientific knowledge, and is taught in English to prepare graduates for professional careers on an international scale.



北海道大学
HOKKAIDO UNIVERSITY

Courses

Study a wide range of subjects for the initial six months and then find the field you want to focus on from physics, chemistry, and biology.

Modern Physics

Physics

Quantum Mechanics

Astrophysics

Nuclear Physics

Physical Chemistry

Organic Chemistry

Inorganic Chemistry

Analytical Chemistry

Chemistry

Zoology

Genetics

Cell Biology

Biology

Biodiversity

Linear Algebra

Mathematics

Calculus

Management Skills

Special Skills

Introductory Japanese

Business Skills

Key Characteristics

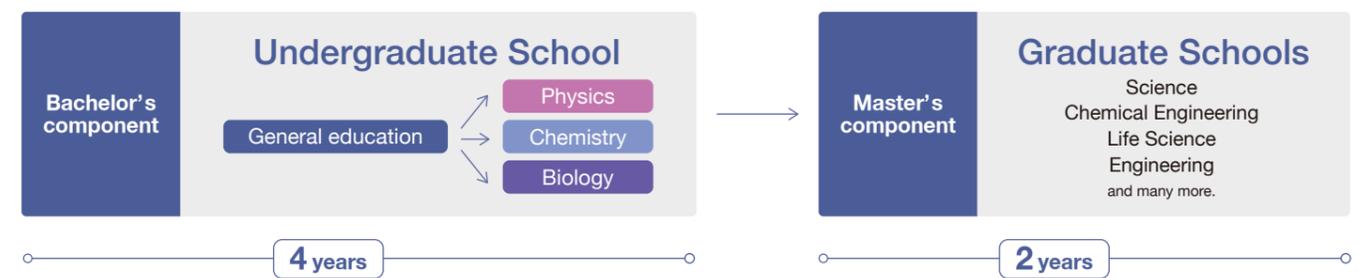
Study at one of Japan's oldest and most prestigious universities

Courses taught by a diverse international faculty in English

A range of scholarships available

Course Structure

The ISP program 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 courses in natural science, liberal arts and Japanese. After that, they will start obtaining more specialized knowledge and practical skills in their chosen fields (physics, chemistry or biology). The Master's degree will include active research components, where students will be affiliated with one of the university's prestigious graduate schools to learn the techniques and skills necessary to flourish as scientists or researchers.



Integrated Science Program

Program Details

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.

Faculty Members

ISP Coordinator (Physics)



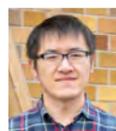
Osamu Seto

A warm welcome to the ISP! We are proud to introduce you to our program that welcomes international students to Sapporo to join our various science programs at Hokkaido University. We hope you will join us and gain some great experiences, as our diverse international faculty guide you on your journey into becoming professional scientists. Students can look forward to interactive lectures and seminars, independent laboratory projects, and even gain experience with computational scientific methods. Despite the copious amounts of snow, Hokkaido University offers a warm and welcoming environment to those from all backgrounds, and we strive to give students a fulfilling and thoroughly enjoyable experience.

Physics



Alexander Pettitt



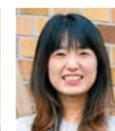
Bo Zhou



Fernando Arteaga Arteaga



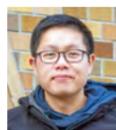
Rui Feng Zhou



Yu Sun

Chemistry

Biology



Ooi-kock Teh



Kevin Wakeman



Nina Patzke

Mathematics



Borislav Yordanov

ISP at a Glance

Degrees Offered

Bachelor's Degree (Science)

Master's Degree (In your chosen specialized field)

Program Length

4 years (Bachelor's) + **2 years** (Master's)

We have an early graduation system that reduces the length of the Bachelor's component to 3.5 years for those who fulfill the requirements.

Entry Requirements

As of January 2020 | The information is subject to change.

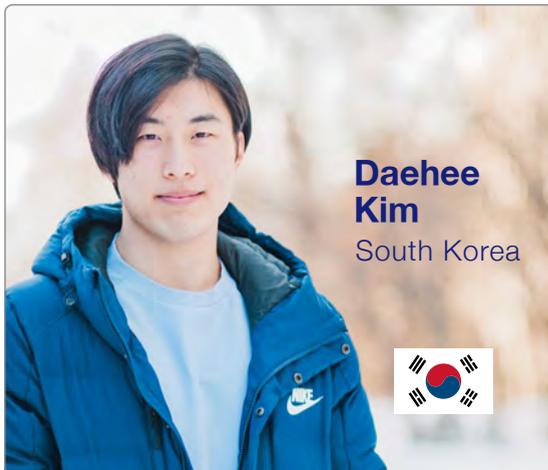
- Those who have Japanese citizenship or Japanese permanent resident status are not eligible to apply.
- 12 completed years of education in a foreign country or at an approved international school in Japan OR will hold a high school qualification deemed to be equivalent by the time of entrance.
- English ability; being a native English speaker, having received 4 years or more of secondary education (at junior or senior high school, etc.) with English as the primary language of instruction, or holding a score of IELTS (Academic Module) 6.0, TOEFL-iBT 79, TOEFL-PBT 550, TOEIC 730, or higher.

* Above are the basic qualifications. More detailed information about the requirements can be found in our website.
* Japanese ability is not required for entry.



Student Voices

Learn more from
current ISP students



**Daehee
Kim**
South Korea



Small classes, more opportunities.

As classes are conducted in English, ISP provides excellent opportunities to be exposed to both English and Japanese speaking environment. Many ISP students including me are joining club activities which allows us to have more interaction with Japanese students.

Studying in ISP provides many benefits and one of the biggest advantages is that lectures are conducted in a small size. This increases the quality of education and the number of opportunities we receive, which I believe will help me with my future of getting a career related to the field that I'm studying. Carrying on with ISP, I hope to join a graduate school to continue my education in Physics.

Memories and knowledge that will last a lifetime.

Being a part of the ISP program has taught me new perspectives on life, academics and world cultures. Not only have I been able to experience living in Japan, but I have made many incredible, international friendships that will continue long after our undergrad is completed. Living abroad in Japan has given me a newfound freedom and created experiences and memories that will last a lifetime. My world view has been expanded and I am inspired to see more of the world and work to protect it in the future. I plan to use the knowledge I have gained here at ISP and apply it to become a major influencer in the protection of the environment.



**Cassandra
George**
U.S.A.



**Radovan
Kostadinov**
North
Macedonia



Interested in science and Japan? Then, ISP is for you!

When I was twelve, I became fascinated with nature from the internet, as well as Japanese culture from anime and origami. With these two factors in mind, I chose to study Biology in Hokkaido University's ISP program. It gave me the opportunity to study the natural sciences in English, while immersing myself in Japan's rich culture and its language. After my bachelor's, my goals are to pursue a master's degree at Hokkaido University in Environmental Biology in order to protect our planet from pollution and to become fluent in Japanese. I recommend anyone who has a passion for science and Japanese culture to come and study at ISP.

ISP SCHOLARSHIPS AND FEES

| | Degree | Application Fee | Enrollment Fee | Tuition | Scholarship |
|----------------------------------|----------|------------------|-------------------|--------------------|---------------------------|
| ISP Fully Supported Students | Bachelor | ¥17,000 → ¥5,000 | ¥282,000 → Waiver | Waiver × 3.5 years | ¥50,000/month × 3.5 years |
| | Master | ¥30,000 → Waiver | ¥282,000 → Waiver | Waiver × 2 years | ¥50,000/month × 2 years |
| ISP Partially Supported Students | Bachelor | ¥17,000 → ¥5,000 | ¥282,000 → Waiver | Waiver × 1 year | ¥50,000/month × 1 year |
| | Master | ¥30,000 → Waiver | ¥282,000 → Waiver | Waiver × 1 year | ¥50,000/month × 1 year |
| Regular Students | Bachelor | ¥17,000 → ¥5,000 | ¥282,000 → Waiver | ¥535,800 / Year | None |
| | Master | ¥30,000 → Waiver | ¥282,000 → Waiver | ¥535,800 / Year | None |

As of February 2020 | The information above is subject to change. This is applicable to those who enter ISP in October 2020.

ADMISSION PROCESS

Online Registration
in November

Submission of
Application Materials by Post

1st Stage Selection
Document Screening

2nd Stage Selection
Online Interview

Notification of
Selection Results

INTERNATIONAL STUDENT SUPPORT

International Student Support Desk

We provide a support desk staffed with international students. If, for example, you have trouble reading Japanese documents, or do not understand procedures at the ward office, the support desk is happy to help.

Counseling

A bilingual counselor offers advice regarding difficulties you may have such as adjusting to life in Japan, academic studies, and career guidance for your future after university.

Accommodation

Rooms in university owned dormitories are offered to ISP students in their freshman year. These include social communal areas, kitchens and washing amenities. Although Sapporo is ranked as the 4th most desirable cities in Japan to live in, the cost of living is especially low for a city of its size.



Integrated Science Program at Hokkaido University

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Integrated Science Program Office

isp@oia.hokudai.ac.jp +81-(0)11-706-8049

Admission Center (for admission inquiries)

adm-isp@academic.hokudai.ac.jp +81-(0)11-706-8045



Hokkaido University's
Integrated Science Program



@ISP Hokudai

For more details,
please visit
our website.



<https://www.oia.hokudai.ac.jp/isp/>