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.
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.

Physics
- Modern Physics
- Quantum Mechanics
- Astrophysics
- Nuclear Physics

Chemistry
- Physical Chemistry
- Inorganic Chemistry
- Analytical Chemistry
- Organic Chemistry

Biology
- Zoology
- Genetics
- Cell Biology
- Biodiversity

Mathematics
- Linear Algebra
- Calculus

Special Skills
- Management 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, and 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)

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 amount 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.

**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)

- Entry Requirements
  - 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 (all junior or senior high school, etc.) with English as the primary language of instruction, or holding a score of IELTS (Academic Module) 5.5, TOEFL iBT 78, TOEFL iBT 550, TOEIC 720, 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.*
The ideal program for me.

Participating in the ISP at Hokkaido University has educated me not only in science but has also given me invaluable knowledge regarding Japanese culture and its language. Despite being a science student, I find fascination in the Japanese language and the ISP has allowed me discover fresh perspectives about Japan, while nurturing my scientific knowledge.

Additionally, the ISP provided the opportunity for me to do research. I highly recommend the ISP to any students aspiring to be future scientists or to anyone interested in doing research on their bachelor’s degree while having a desire to understand Japanese culture better.

My experience as an ISP student:

My classmates and professors are from different countries and it is very interesting to know their perspectives. The international aspect of this course accelerates my learning even further. The faculty and staff at the ISP Office have also 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 can also learn Japanese, one of the most difficult languages out there.

Studying science in Japan is an enriching experience and I highly recommend it to anyone who wants to enter the field of science.

People think Japan is great? It's even better!

Throughout my entire life, Japan has always been advertised to me as the land of innovation and technology. I grew up in a generation that was showered with new and interesting technological advancements and innovations every day. After all this copious hype, of course I wanted to go to Japan and see for myself. Science is a big interest of mine to boot. When an opportunity to pursue education in physics in Japan revealed itself, I went for it right away. So far, life here has been amazing. The university treats the students well and there’s also a lot to do in Sapporo so boredom is rare. I’m looking forward to my future endeavors here!
# ISP Scholarships and Fees

<table>
<thead>
<tr>
<th>Degree</th>
<th>Application Fee</th>
<th>Enrollment Fee</th>
<th>Tuition</th>
<th>Scholarship</th>
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<tbody>
<tr>
<td><strong>ISP Fully Supported Students</strong></td>
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<tr>
<td>Bachelor</td>
<td>¥17,000 → ¥5,000</td>
<td>¥282,000 → Waiver</td>
<td>Waiver × 3.5years</td>
<td>¥100,000/month × 3.5years</td>
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<td>Master</td>
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<td>¥282,000 → Waiver</td>
<td>Waiver × 2years</td>
<td>¥100,000/month × 2years</td>
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<td><strong>ISP Partially Supported Students</strong></td>
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<td>¥282,000 → Waiver</td>
<td>Waiver × 1year</td>
<td>¥50,000/month × 1year</td>
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<tr>
<td>Master</td>
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<td>¥282,000 → Waiver</td>
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<tr>
<td><strong>Regular Students</strong></td>
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<td>¥535,800/Year</td>
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</tr>
</tbody>
</table>

As of January 2019 | The information above is subject to change.

# 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 in the top 3 cities in Japan to live, the cost of living is especially low for a city of its size.

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## 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

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