

# TRAINING PROGRAM FOR GLOBAL INNOVATORS IN LIFE SCIENCES

International Graduate Program (IGP), Graduate School of Life Science

For detailed information on entry, please check the website: <http://altair.sci.hokudai.ac.jp/grad/igpoverview/>



The Graduate School of Life Science's Global Innovators Training Program is designed for international students who major in life sciences and are seeking to continue graduate studies in Japan.

## PROGRAM OVERVIEW

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- The education, guidance, discussion and lecture of IGP program will be given in English.
- Students are encouraged to plan and carry out international meetings to improve their ability to use English as international communication tools, and also to attend international conferences to develop their presentation skills in English.
- Students will be required to submit their papers to international journals. It will enable them to have practical experiences in the forefront of research activities.
- The ultimate goal of the program is for students to be global innovators in life sciences at companies and institutes throughout the world.



## COURSE AND LABORATORY

Transdisciplinary Life Science Course, Division of Life Science

web: <https://life.sci.hokudai.ac.jp/en/tl/lab>

Lab. of X-ray Structural Biology / Lab. of Cellular Machinery Science / Lab. of Mathematical Biology / Lab. of Single-Molecules System Biology / Lab. of Molecular Chemical Biology / Lab. of Smart Molecule / Lab. of Innate Immunity / Lab. of Molecular Cell Dynamics / Lab. of Advanced Chemical Biology / Lab. of Embryonic and Genetic Engineering / Lab. of Biomolecular Adaptation Science / Lab. of Frontier Biomaterials Science

Biosystems Science Course, Division of Life Science

web: <http://www.lfsci.hokudai.ac.jp/bs/en/lab/>

Lab. of Molecular Interaction / Lab. of Plant Morphology and Gene Function / Lab. of Plant Evolutional and Developmental Biology / Lab. of Gut Physiology / Biomedical Animal Research Lab. / Lab. of Cell function and Structure III / Lab. of Environmental Molecular Bioscience / Lab. of Gene Function and Regulation / Lab. of Animal Genetics / Lab. of Cell Structure and Function – (Yamaguchi & Sato Lab) / Lab. of Cell Structure and Function – (Chiba Lab) / Lab. of Cell Structure and Function (Takada Lab) / Lab. of Molecular Biology / Lab. of Plant Adaptation Biology / Lab. of Behavioral Physiology / Lab. of System Neurobiology / Lab. of Behavior and Neurobiology – (Mizunami & Tanaka Lab) / Lab. of Behavior and Neurobiology – (Soma Lab) / Lab. of Behavioral and Neural Biology – (Matsushima Lab) / Laboratory of Molecular Neuroethology Laboratory / Laboratory of Neurocybernetics / Laboratory of Reproductive and Developmental Biology – (Ia) / Lab. of Reproductive and Developmental Biology – (1b) / Lab. of A. Kuroiwa / Lab. of Reproductive and Developmental Biology – (IIb) / Lab. of Reproductive and Developmental Biology - (1c)

Division of Soft Matter

web: <https://life.sci.hokudai.ac.jp/en/sm/lab>

Lab. of Soft & Wet Matter / Lab. of Molecular Device / Lab. of Biological Information Analysis Science / Lab. of Protein Science / Lab. of Cell Dynamics / Lab. of Physical Ethology / Lab. of Pathology / Lab. of Reconstructive Surgery and Rehabilitation Medicine / Lab. of Functional Soft Matter

# ELIGIBILITY REQUIREMENTS ...

Japanese and international students that study at Transdisciplinary Life Science Course, Biosystems Science Course or Division of Soft Matter.

# ADMISSION ...

ENROLLMENT : in April or October

ENTRY REQUIREMENTS:

In order to obtain entry into the Master's Course you MUST:  
 -Consult with a contact professor prior to submitting the application  
 -Hold a bachelor's degree

In order to obtain entry into the Doctoral Course you MUST:  
 -Consult with a contact professor prior to submitting the application  
 -Hold a master's degree

HOW TO APPLY:

First, visit our website to determine which lab is the best fit for you.  
 Contact the directors directly to get information about application procedures.

SELECTION PROCESS:

Those who wish to enroll in October:

- 1) Contact the prospective supervisor (Laboratory Screening):  
**by June**
- 2) Admission Examination:  
**First Selection (August)**

Those who wish to enroll in April:

- 1) Contact the prospective supervisor (Laboratory Screening):  
**more than 2 months before the admission examination**
- 2) Admission Examination:  
**First Selection (August), Fall Selection (October), Second Selection (January)**

For detailed admission information, please check the website of Graduate School of Life Science:  
[https://www.lfsci.hokudai.ac.jp/en/admission\\_information/](https://www.lfsci.hokudai.ac.jp/en/admission_information/)



# SCHOLARSHIP ...

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

- Japanese Government (MEXT) Scholarship, IGP special quota: This special graduate program is supported by the Ministry of Education, Culture, sports, Science and Technology (MEXT, Japan). 3-year scholarship for 7 doctoral students and 2-year scholarship for 1 master student are available during their studies in our program.

- Reservation Program for Monbukagakusho Honors Scholarship for Privately Finances International Students by Pre-arrival Admission: A few students for master's or doctoral course are issued for 6 months or 12 months.

## CONTACT

### IGP Committee

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E-mail : [igp@sci.hokudai.ac.jp](mailto:igp@sci.hokudai.ac.jp)

Website : <http://altair.sci.hokudai.ac.jp/grad/igpoverview/>