### MASTER'S AND DOCTORAL PROGRAM FOR GLOBAL LEADERS IN LIFE SCIENCE

## TRAINING PROGRAM FOR GLOBAL LEADERS IN LIFE SCIENCES

### International Graduate Program ( IGP ). Graduate School of Life Science

For detailed information on entry, please check the website: http://www.lfsci.hokudai.ac.jp/graduate-school/application/index.html

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

This special graduate program is supported by the Ministry of Education, Culture, Sports, Science and Technology (MEXT, Japan), and 3-year scholarships are available for international students during their doctoral studies at Hokkaido University.



## **PROGRAM OVERVIEW**

- 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 leaders in life sciences at companies and institutes throughout the world.



## **ELIGIBILITY REQUIREMENTS**

Japanese and international students that study at Transdisciplinary Life Science Course or Biosystems Science Course.

### MASTER'S (2 years)

ADMISSION: 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

#### **DOCTORATE** (3 years)

ADMISSION: April or October **ENTRY REQUIREMENTS:** 

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

# **COURSE AND LABORATORY**

Transdisciplinary Life Science Course web: http://altair.sci.hokudai.ac.jp/grad/igp/lab/

Tissue and Polymer Sciences Laboratory / Laboratory of Soft & Wet Matter / Laboratory of Cell Dynamics / Laboratory of Advanced Chemical Biology / Laboratory of Protein Science / Laboratory of X-ray Structural Biology / Laboratory of Smart Molecule / Laboratory of Biological Information Analysis Science / Laboratory of Molecular and Cellular Biology / Innate Immunity Laboratory / Laboratory of Embryonic and Genetic Engineering / Laboratory of Single-Molecules System Biology / Laboratory of Molecular Cell Dynamics / Laboratory of Chemical Biology / Laboratory of Biomolecular Adaptation Science

#### **Biosystems Science Course** web: http://www.lfsci.hokudai.ac.jp/bs/en/lab/

Laboratory of Animal Cytogenetics / Laboratory of Mammarian Genetics / Laboratory of Gene Function and Regulation / Laboratory of Supramolecular Biophysics / Laboratory of Molecular Cell Dynamics / Laboratory of Molecular Interaction / Laboratory of Plant Biology Ia / Laboratory of Plant Biology Ib / Laboratory of Plant Biology II / Laboratory of Cell Function and Structure IIb / Laboratory of Cell function and Structure III / Laboratory of Molecular Biology / Laboratory of Plant Adaptation Biology I / Laboratory of Environmental Molecular Bioscience / Laboratory of Gut Physiology and Nutrition / Laboratory of Behavioral Neurobiology la / Laboraotry of Behavioral Neurobiology lb / Laboratory of Behavioral Neurobiology II / Laboratory of Behavioral Neurobiology IIIa / Molecular Neuroethology Laboratory / Laboratory of Behavioral Neurobiology Illc / Laboratory of Neuro-Cybernetics / Laboratory of Reproductive and Developmental Biology Ia /

Laboratory of Reproductive and Developmental Biology Ib / Laboratory of Reproductive and Developmental Biology Ic /

Laboratory of Reproductive and Developmental Biology IIa / Laboratory of Reproductive and Developmental Biology IIb / Laboratory of Reproductive and Developmental Biology III

# HOW TO APPLY FOR THE MEXT SCHOLARSHIP (IGP Special Quota)

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

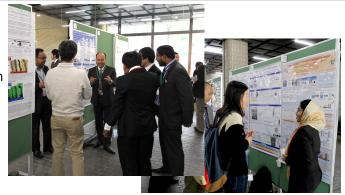
The laboratory list to choose from is available:

- Transdisciplinary Life Science Course web: http://altair.sci.hokudai.ac.jp/grad/igp/lab/
- Biosystems Science Course web: http://www.lfsci.hokudai.ac.jp/bs/en/lab/



## **SELECTION SCHEDULE** (Tentative)

- Preliminary Screening: September-December
  - \* Varies depending on the courses
- IGP Committee's selection notification: December
- Application package submission to Japanese Government : March
- Notification of provisional acceptance : April
- Official notification of acceptance from MEXT: June
- Graduate School Fall Semester: October



## LIFE AT HOKKAIDO UNIVERSITY

Every student will be assigned a personal tutor who will look after any academic or personal problems they may have. HU International Student Center (ISC) provides various information and advices to enable international students to get the most out of their studies at HU.

web: http://www.isc.hokudai.ac.jp/www\_ISC/cms/cgi-bin/index.pl

### **Living & Housing**

The university owns and operates both single and family student housing units. Admission to the University does not automatically reserve housing for you. A separate application must be submitted through your supervising professor. web: http://www.oia.hokudai.ac.jp/prospective-students/accommodation/

#### Language

Japanese Language Courses at the International Student Center (ISC) offers 2 courses to improve your Japanese language ability for living daily lives in Sapporo. web: http://www.oia.hokudai.ac.jp/current-students/japanese-language-support/

Hokkaido University has also many other programs to offer to enable international students to adapt to life in Japan and to get the most out of their studies at Hokkaido University. Further useful information for prospective international students is available at the Office for International Affairs (OIA) homepage.

web: http://www.oia.hokudai.ac.jp/prospective-students/



# CONTACT

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### **IGP Committee**

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