

# Hokkaido University



WISE Program for One Health Frontier  
Graduate School of Excellence

# Ally course

# What is Ally course?

- The Ally course is a new system in which graduate students at each school / university can participate in training courses offered by WISE Program while still affiliated with their own graduate school.
- There will be various exchanges with 20 graduate students who belong to the WISE Program for One Health Frontier Graduate School of Excellence.
- To realize One Health, experts produced in WISE program are required to become leaders of One Health, and it is also necessary for experts from various fields to participate in this initiative.
- The One Health Module in this program is practical education provided through industry-academia-government collaboration with the units of the DDC Center at its center.
- The participation of graduate school students from both humanities and sciences in this exceptional module allows students from different backgrounds to interact with each other, leading to future interdisciplinary activities.
- This will be a meaningful course for students who are interested in international organizations and overseas activities but who have no such opportunities.



# Ally course consists 4 sub-modules.

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**The Ally course consists of the following four sub-modules.**

**The amount of time required for study is equivalent to about 8 credits when converted to credits. Those who complete the course will be given a certificate of completion of the course.**

- **Sub-Module 1: OH seminar**  
Learning of basics of One Health

- **Sub-Module 2: OH transferable skill training**  
Development of universal ability, including explanation and debate capabilities, through group work for problem-solving and policy planning

- **Sub-Module 3: OH collaborative training**  
Cultivation of an ability to collaborate through participation in joint research and support for conferences by international administrative organizations

- **Sub-Module 4: OH on site training**  
Experience of the One Health approach through overseas practical class



# Sub-module 1

## OH seminar

- Learn about One Health through an omnibus class.
- The purpose of this seminar is to have a concrete image of One Health from the history and actual activities of One Health.

- ① History of OH
- ② OH International Framework
- ③ Infectious disease measures
- ④ Environmental health measures
- ⑤ Practice example 1 of OH activity
- ⑥ Practice example 2 of OH activity
- ⑦ Practice example 3 of OH activity



# Sub-module 2

## OH transferable skill training

- Group work focusing on problem-solving simulation.
- Participate in join such as activities;

### Workshop

Twice a year, problem-solving simulation classes are held in a workshop format.

### SaSSOH

The Sapporo Summer Symposium for One Health (SaSSOH) run by young faculty is an international symposium. This is a cross-disciplinary symposium that is held by young researchers and students, while also inviting prominent researchers from Japan and overseas.

### Debate

It is a debate that students enthusiastically discuss.



# SM2 example: SaSSOH

## Sapporo Summer Symposium for One Health

An international symposium planned and implemented by students and young faculty members to cultivate students' independence, communication skills and planning ability.



### SaSSOH Sapporo Summer Symposium for One Health

An international symposium planned and implemented by students and young faculty members to cultivate students' independence, communication skills and planning ability. This event allows students to learn cutting-edge knowledge from overseas guests who are leading experts ...

[Read more](#)



### News & Announcements

[All news](#)

- |            |  |
|------------|--|
| 2020/05/26 | SaSSOH2020 goes online                             |
| 2019/09/03 | Time table becomes available                       |
| 2019/06/25 | Dead line has been extended till noon on July 1st. |



**SaSSOH 2020: we will hold A VIRTUAL FORMAT ONLY to create online opportunities.**

# Sub-module 3

## OH collaborative training①

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In the sub-module 3 at the Ally course, students will receive practical training to acquire skills to collaborate with human resources from different research fields. For example, students participate in the following activities.

Example 1) Experience the activities of international organizations through administrative support such as the preparation, operation, and reporting of meetings held by international organizations.

- WISE program will collaborate with WHO-CC (Collaborating Centers) and OIE-RL (Reference Laboratories) at Hokkaido University, Obihiro University of Agriculture and Veterinary Science and Dairi Gakuen University.
- At the Research Center for Zoonosis Control (WHO-CC), students will participate in support activities of conference and training course of WHO.
- The Center for Environmental and Health Sciences (WHO-CC) supports to make risk profiles and manuals related to chemical hazards.
- Supports OIE / FAO meetings.

# Sub-module 3

## OH collaborative training②

### Example 2) International Needs Assessment.

- Create disease risk profiles by region, cause, animal species, and insect vector on a global scale.
- Utilizing this, we will conduct a needs assessment and promote the development of diagnostics and treatment methods, and the establishment of a system that can provide technical cooperation and training that matches the needs of developing countries.
  - How to collect and identify mites
  - Zoonosis and animal infections in Asia and Sub-Saharan, and their diagnosis
  - Environmental pollutants

### Example 3) Infectious disease control in hospitals and animal hospital, countermeasures against drug-resistant bacteria, practice for regulatory application, etc.

- Control measures for drug-resistant bacteria at the animal hospital
- PMDA regulatory application exercise (will be conducted in Japanese)

### Example 4) Participate in a class held at Hokkaido Summer Institute and work on issues together with students from different fields.

- Students will participate in collaborative training provided by each graduate school





# Class of Sub-module 3 in 2019-2020

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- Analysis of risk factors associated with animal piroplasmiasis and trypanosomiasis in Asia
- OIE Regional Expert Group Meeting for the Control of Avian Influenza in Asia
- International Chemical Hazard Symposium for Environmental Pollution
- Field sampling and species identification of ticks for risk profiling of tick-borne diseases
- One Health training on multiple solutions to the health risks for zoonoses
- Environmental Chemical Hazards and Health Issues in Asia

## SM3 example: OIE Regional Expert Group Meeting for the Control of Avian Influenza

- WISE program was recruiting 5 students who want to participate in this conference as interns.
- With the image of “the World Cup coming to Sapporo”.
- In addition to the conference in Sapporo, a two-day training course at the OIE Tokyo office is also included.
- OIE disease reporting system and information dissemination procedure
- The situation of transboundary animal diseases and OIE’s regional activities for their control
- One Health approach in the region
- Control of antimicrobial resistance



SM3 example:

# Covid-19 tackling team.

- Approaches to covid-19 by students who wish to participate
- Production
  - Poster
  - Fact Sheet
  - Research publication (JJVR accepted)



August 2020 Volume 68 Number 3

# JJVR

The Japanese Journal of Veterinary Research





# Submodule 4

## OH on site training

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- Students will finally join the research based on One Health overseas. The keywords are “One Health”, “Various Research Fields”, “Overseas”.
- Students work together with the students from different research fields on the same issues. For example, field surveys overseas are conducted jointly in different research fields.
- Students are provided with travel and accommodation expenses.



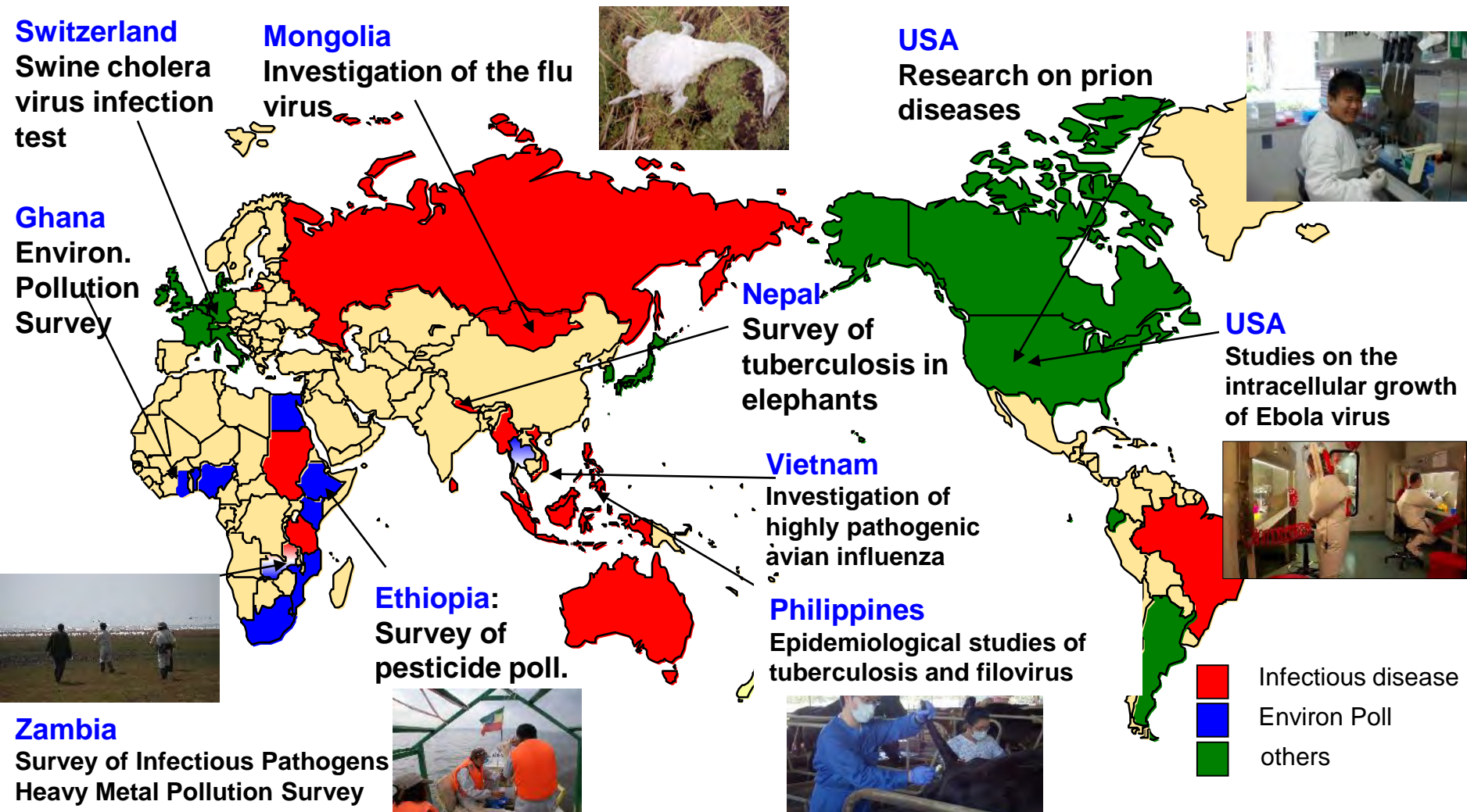
# Feature of sub-module 4

- The feature of the Ally course is the participation of professors and students from various research fields. You can conduct activities based on research themes in different fields that you cannot usually experience at your graduate school.
- In this course, it doesn't matter whether the participant is a student of science or humanity field.
- In addition, one of the purposes of Ally course program is to facilitate participation by students who are not able to take one step even if they are longing for overseas activities.
- Another attractive feature is the exchange of graduate students from various research fields.
- It may give you hints for new research developments and ideas from different angles.



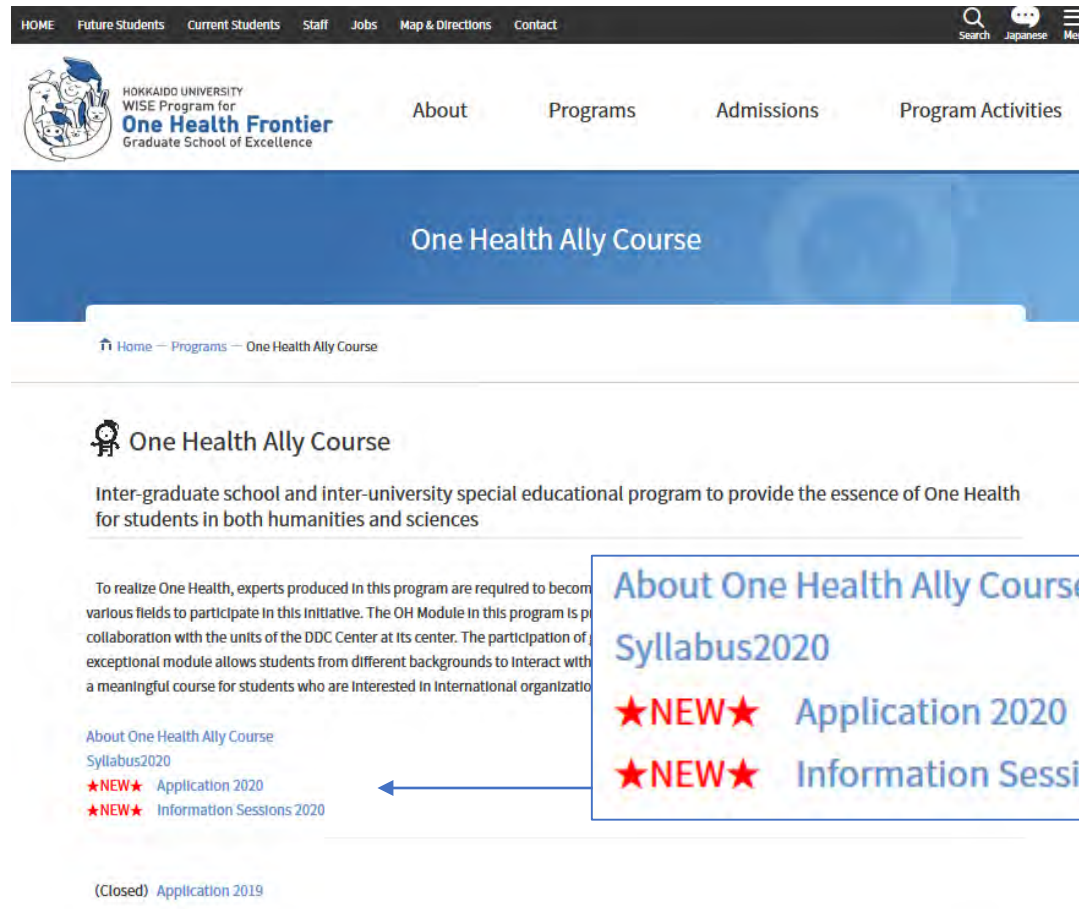
# On site training

## Global Network for research and education





# Syllabus of all courses are opened...



The screenshot shows the homepage of the One Health Ally Course. At the top is a navigation bar with links: HOME, Future Students, Current Students, Staff, Jobs, Map & Directions, and Contact. Below this is a secondary navigation bar with the Hokkaido University logo and text: "HOKKAIDO UNIVERSITY WISE Program for One Health Frontier Graduate School of Excellence", followed by links: About, Programs, Admissions, and Program Activities. A large blue banner features the text "One Health Ally Course". Below the banner is a breadcrumb trail: Home — Programs — One Health Ally Course. The main content area has a heading "One Health Ally Course" with a person icon, followed by a description: "Inter-graduate school and inter-university special educational program to provide the essence of One Health for students in both humanities and sciences". A paragraph of text describes the program's goals. A blue box highlights the "About One Health Ally Course Syllabus2020" section, which includes links for "★NEW★ Application 2020" and "★NEW★ Information Sessions 2020". A blue arrow points from this box to the "★NEW★ Information Sessions 2020" link in the main content area. At the bottom, there is a link for "(Closed) Application 2019".

HOME Future Students Current Students Staff Jobs Map & Directions Contact

HOKKAIDO UNIVERSITY  
WISE Program for  
**One Health Frontier**  
Graduate School of Excellence

About Programs Admissions Program Activities

## One Health Ally Course

Home — Programs — One Health Ally Course

### One Health Ally Course

Inter-graduate school and inter-university special educational program to provide the essence of One Health for students in both humanities and sciences

To realize One Health, experts produced in this program are required to become... various fields to participate in this initiative. The OH Module in this program is... collaboration with the units of the DDC Center at its center. The participation of... exceptional module allows students from different backgrounds to interact with... a meaningful course for students who are interested in international organization

About One Health Ally Course  
Syllabus2020

★NEW★ Application 2020  
★NEW★ Information Sessions 2020

★NEW★ Application 2020  
★NEW★ Information Sessions 2020

(Closed) Application 2019

- <https://onehealth.vetmed.hokudai.ac.jp/en/programs/allycourse/>

# Ally Course Syllabus



One Healthフロンティア卓越大学院プログラム  
シラバスのご案内

## シラバス一覧

Sorry, but later we will translate them in English....

Moduleの行をクリックすると、シラバス一覧が表示されます。

Module1

Module2

Module3

Module4

Click to access the syllabus for each module.

# Syllabus description

- Module No.
  - Credits ( if register as Inter Graduate School Classes Course of Hokkaido University ):
  - Instructor name (Affiliation)
  - Instructor email
  - Instructor phone
  - Teaching Assistant name and contact info
  - Periods
  - Language
  - Class Locations
- Class Information: Outline/Description
- Schedule and Activities
- Class Information: Goal/Objectives
- Remarks

One Health アジア太平洋地域保健大学校グローバルプログラム Ally Course Syllabus		top	Syllabus	Module1	Module2	Module3	Module4
更新日: 2020年08月12日		Module3					
OIE Regional Expert Group Meeting for the Control of Avian Influenza in Asia							
モジュール番号 Module	3						
Credits ( If register as Inter Graduate School Classes Course of Hokkaido University ):	N/A						
責任教員(英語) Instructor name (Affiliation)	山田 真希 (北海道大学大学院獣医学研究科) Yoshiko SANODA (Faculty of Veterinary Medicine, Hokkaido University)						
責任教員連絡先(メール)/Instructor e-mail	sanoda.yoshiko@vet.hokudai.ac.jp						
責任教員連絡先(電話)/Instructor phone	011-706-8507						
Teaching Assistant name and contact info	Maasatoshi OKAMATOU, Kaia MATSUNO (Faculty of Veterinary Medicine Hokkaido Univ.), Norikazu ISODA (Research Center for Zoonosis Control, Hokkaido University)						
実施期間/Periods	2-4 October 2019						
Language	English						
実施場所/Class Locations	Research Center for Zoonosis Control, Hokkaido University						

## Class Information

### Outline/Description

[JPN]

1996年に出現したH5型重く病原性鳥インフルエンザウイルスは、アジアおよび野鳥における感染が世界各地で報告されている。アジア地域における鳥インフルエンザの発生を抑制するため、国際疫学事務局(OIE)アジア太平洋事務局が主催するワークショップを開催する。本ワークショップはサテライトイベントとして参加し、国際機関等が実施する会議の準備・運営・報告等の実務支援を通じて国際機関の活動を体験する。

[ENG]

Infections in poultry and wild birds with the H5 subtype highly pathogenic avian influenza virus that appeared in 1996 have been reported worldwide. The World Organization for Animal Health (OIE) Asia-Pacific office will lead a workshop in order to control the outbreak of avian influenza in the Asian region. Students will participate in this workshop as an observer and experience activities at an international organization by helping with its work, such as preparation, running and reporting at a meeting held by the international organization.

## Schedule and Activities

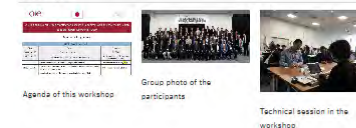
[JPN]

- 1) 鳥類に感染するインフルエンザの発生状況および地理的状況
- 2) 各国の発生(感染)鳥インフルエンザの発生とそれに対する対策、また今後の発生への留意
- 3) グループディスカッション: 高病原性鳥インフルエンザの発生に付いた留意点における不顕性感染の監視
- 4) グループディスカッション: 検査施設間のネットワーク構築と診断センターの現状と課題
- 5) 鳥インフルエンザの発生に付いた留意点の作成

[ENG]

- 1) Lecture: Global and regional situation of influenza in animals
- 2) Technical session: Recent outbreaks and response activities undertaken or preparedness
- 3) Group discussion: How to detect silent infection in poultry for the control of highly pathogenic avian influenza
- 4) Group discussion: Laboratory networking and cooperation for diagnosis: current situation and prospects
- 5) Wrap up the recommendations for the control of avian influenza in Asia

## PHOTO



## Class Information

### Goal/Objectives

[JPN]

- 1) アジアにおける最新の鳥インフルエンザ発生状況の把握と発生原因は分岐ウイルスの病原性および遺伝子型の特徴を理解する。
- 2) アジアの4つのOIE参照ラボと協力して、鳥インフルエンザ対策への国際機関の協力も促進することも理解する。
- 3) 鳥インフルエンザ対策の力向上と実施方法の監視、サービスの強化、リスク分析などアジア地域で推進することも理解する。

[ENG]

- 1) To understand information sharing of the latest avian influenza situation as well as the characterization antigenic and genetic data of isolated viruses in Asia.
- 2) To understand strengthening collaboration amongst member countries in collaboration with the four OIE Reference Laboratories in Asia.
- 3) To understand harmonizing the control policies and measures, enhancing surveillance and joint risk assessments.

## Remarks

学生は会議の傍聴者として参加します。9月1日は開催する別館の会議予定表を参照してください。  
Students will attend this meeting as observer. Please refer to the meeting agenda to be dispatched in early September.



# Planning for Ally course FY 2020

New

## ● “Student project” on-site training

- There will also be on-site training planned by the students.
- Details will be provided later. This training is planned by students themselves to work abroad. Travel expenses will be provided.

New

## ● Research Grant for Ally course students

- The program provides research grants to promote students' graduate studies.
- This research funding is competitive.
- Details will be announced at a later date.



# Ally course, How to participate ...?



- ◆ Call for the Ally course is open, up to end of AUG 2020. Classes will begin in October.
- ◆ The capacity is 15 students.

- Applicable to all doctoral students from Hokkaido University (other than Grad Sch of Veterinary Medicine and Infectious Disease ), Obihiro University of Agriculture and Rakuno Gakuen University.

In the classes conducted by the Ally course, students participate in symposiums, conferences, and overseas activities involving diverse researchers. Participating students can also create their own international research network.



# Submission documents (by E-file)

Document to be Submitted	Applicants Required to Submit Document	Form
<b>Application form for Ally Course</b>	All applicants	<b>1</b>
<b>Evaluation report from supervisor</b>	All applicants	<b>3</b>
<b>Report on scientific and academic activities (including research plan in PhD course)</b>	All applicants	<b>2</b>
<b>Application for Admission for Special Research Student</b>	Applicants from RGU and OU	<b>4</b>
<b>Curriculum vitae</b>	Applicants from RGU and OU	<b>5</b>
<b>Certificate of enrollment</b>	Applicants from RGU and OU	<b>Each univ</b>



# Deadline and application

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- Application deadline      by 17:00PM, 31 Aug 2020
- Where to submit              WISE Program Office,
  - Department of International Affairs,
  - Faculty of Veterinary Medicine, Hokkaido University
  - Ext: 6108 E-mail: [ohf@vetmed.hokudai.ac.jp](mailto:ohf@vetmed.hokudai.ac.jp)
- Selection procedure
  - The Steering Committee of the WISE Program and the Steering Committee of the Ally course will review and totally evaluate based on the application documents.

# CONTACT

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School of Excellence, Faculty of Veterinary Medicine,  
Hokkaido University

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