

APPLICATION FOR ADMISSION TO THE DOCTORAL PROGRAM  
OF VETERINARY SCIENCE

GRADUATE SCHOOL  
OF ANIMAL AND VETERINARY SCIENCES AND AGRICULTURE  
OBIHIRO UNIVERSITY  
OF AGRICULTURE AND VETERINARY MEDICINE

Starting in April, 2020

Special Selection for International Students

## Entrance Examination Schedule

Deadline for authorization for qualified applicants (If applicable)	Tuesday, November 5, 2019	
Application period (Payment period of examination fee)	From Monday, November 11, 2019 to Thursday, November 21, 2019 (From Tuesday, November 5, 2019 to Thursday, November 21, 2019)	
Examination	Short essay	Write on the theme provided by the University and submit it when you apply.
	*English	Submit the original certificate of the exam (TOEIC L&R, TOEFL-iBT, or IELTS) when you apply.
	Skype Interview	Tuesday, December 3, 2019
Date of notification of admissions	Tuesday, December 10, 2019	
Enrollment period	From Friday, March 6, 2020 to Monday, March 23, 2020	

\*The test score must be taken after April 1, 2017.

TOEIC L&R (including TOEIC-IP): 650 or higher

TOEFL iBT: 67 or higher

IELTS Academic-Module: 5.5 or higher

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## 1. Number of Students to be Admitted

Program	Number of students to be admitted
	Special Selection for International Students
Doctoral Program of Veterinary Science	Limited

## 2. Application Criteria

To apply for the Special Selection for International Students, one must meet the criteria ①, ② and ③

- ① Those who don't hold Japanese nationality and reside abroad.
- ② Those who took any of the following exams, TOEIC L&R (including TOEIC-IP): 650 or higher, TOEFL iBT: 67 or higher, and IELTS Academic-Module: 5.5 or higher, after April 1, 2017.
- ③ A person who meets one of the items i~v below.
  - i. Those who have completed a six-year program in medicine, dentistry, pharmacy, or veterinary medicine, or are expected to do so on or before March 31, 2020.
  - ii. Those who have completed outside Japan an 18-year school education (the last program must be in medicine, dentistry, pharmacy, or veterinary medicine), or are expected to do so on or before March 31, 2020.
  - iii. Those who have been conferred, or expect to be conferred by March 31, 2020, a degree equivalent to a bachelor's degree through attending an overseas university or other overseas school (limited to those whose education and research activities have been evaluated by persons who have been certified by the relevant country's government or a related institution, or have been separately designated by the Minister of Education, Culture, Sports, Science and Technology as being equivalent to such) and completing a program that requires 5 years or longer to complete (the last program must be in medicine, dentistry, pharmacy, or veterinary medicine) (including completing a program implemented by the relevant overseas school while living in Japan through distance learning, as well as completing a program implemented by an educational facility established with the relevant overseas country's school education system and have received the designation mentioned above). [Note 1]
  - iv. Those who are deemed eligible by the Minister of Education, Culture, Sports, Science and Technology (Bulletin No. 39, Ministry of Education, 1955):
    - a. Who studied medicine or dentistry at a department of medicine or dentistry of a university set up by the former University Order (Imperial Ordinance No. 164, 1918).
    - b. Who graduated from the National Defense Medical College set up by the Act for Establishment of the Ministry of Defense (Act No. 164, 1954).
    - c. Who have completed a master's or professional degree program, who are eligible for a master's degree, or who have been enrolled in a doctoral program for two years or longer, acquired 30 credits or more, received necessary research instruction, and who have been recognized by the Obihiro University of Agriculture and Veterinary Medicine Graduate School as having academic abilities equivalent to those of persons who completed 6-year program in medicine, dentistry, pharmacy, or veterinary medicine.
    - d. Who have been engaged in research at a university or research institute after graduating from a four-year college or completed a 16-year overseas school education, and have been recognized by the Obihiro University of Agriculture and Veterinary Medicine Graduate School as having academic abilities equivalent to those of persons who have completed a 6-year program in medicine, dentistry, pharmacy, or veterinary medicine. [Note 2]
  - v. Those who are 24 years old or older, and recognized in the preliminary selection by the Obihiro University of Agriculture and Veterinary Medicine Graduate School as having equal to or higher academic ability than a university graduate. [Note 2]

**Note 1 :** Applicants who graduated or are expected to graduate a university in a country in which it takes less than 18 years to complete formal education to the university level (the last program must be in medicine, dentistry, pharmacy, or veterinary medicine) and who don't satisfy criteria iii above need to choose the preliminary selection specified in v.

**Note 2 :** Applicants who satisfy criteria ③-iv-d or ③-v need to refer to “3. Authorization for Qualified Applicants” on page 2.

**3. Authorization for Qualified Applicants (if applicable)**

Those who will apply under the application criteria ③-vi-d or ③-v have to be authorized as qualified applicants. Submit the documents in the table below by the deadline. If you send the documents by mail, use registered express mail.

Documents to submit	(1) Application form for qualified applicant authorization* (2) Graduation/completion certificate from the last school you attended (3) Academic transcript (4) Research certificate (including period of time and contents of your research) (5) Materials from research results
Deadline	Tuesday, November 5, 2019
Submit to:	Entrance Examination Office Obihiro University of Agriculture and Veterinary Medicine 11 Nishi 2, Inadacho, Obihiro, Hokkaido 080-8555, Japan

\*The application form for the authorization for qualified applicants is available on our website at <https://www.obihoro.ac.jp/en/grad-adm>

**4. Advance Consultation for Applicants with Physical Disabilities**

Applicants with physical disabilities are advised to consult with the Entrance Examination Office by the deadline below, as special consideration may be necessary for taking the examination or studying. Those who use a hearing aid, crutches, or a wheelchair are also advised to consult the Entrance Examination Office, as special arrangements at the examination sites and other locations may be necessary.

Documents to submit	(1) Application for Consultation * (2) Medical Certificate (3) Other documents that show the conditions of disabilities (e.g., a copy of the disability certificate)
Deadline	Thursday, November 21, 2019
Submit to:	Entrance Examination Office Obihiro University of Agriculture and Veterinary Medicine 11 Nishi 2, Inadacho, Obihiro, Hokkaido 080-8555, Japan

\*The application form for consultation is available on our website at <https://www.obihoro.ac.jp/en/grad-adm>

**5. Exemption from the entrance and tuition fees**

Successful applicants of Special Selection for International Students are exempt from the entrance and tuition fees unless a government or other organization is paying their fees. The maximum period of exemption is for four years. The exemption may be cancelled depending on the student's overall evaluation including course grades in the first year.

## 6. Application Procedure

### (1) Application documents

Application documents		Summary
1	Application form, exam admission card, and photograph card	Fill out the prescribed form except columns marked with. * The photo (4 cm high x 3 cm wide) must have been taken within 3 months prior to application. The portrait must be a full face, front view, without a hat, and wearing glasses if you expect to do so at the exam. Write your full name and the Program you are applying for on the back of the photo and glue it to the designated spot.
2	A photocopy of the Telegraphic Transfer Application Form	The amount of 30,000 yen for the examination fee must be transferred from a financial institution. A photocopy of the Telegraphic Transfer Application Form must be submitted with the application documents. See (2) Examination fee on Page 4.
3	Research proposal	Describe the research you intend to do in the Doctoral Program. See (3) Guideline of research proposal on Page 4.
4	Certificate of completion, or certificate of expected completion, of 6-year undergraduate program or master's program	Must be original.
5	Academic transcript	Records of undergraduate and graduate school, which should be original and sealed
6	Letter of recommendation	Should be described applicant's personality, grades, extracurricular activities, English proficiency, etc. by dean or person of equivalent status in college you attended.
7	Name and address card (for sending notification of admission)	Fill out your name, address and postal code on the prescribed form.
8	Self-addressed envelope for sending the exam admission card	Fill out your name, address and postal code on the prescribed small envelope.
9	Short essay	Write a short essay on the theme provided by the University on A4-sized paper, 2 pages maximum in English.
10	TOEFL Examinee Score Reports or TOEIC Official Score Certificate or IELTS Test Report Form	Submit the original certificate of one of the following exams. The test score must be taken after April 1, 2017. TOEIC L&R (including TOEIC-IP): 650 or higher TOEFL iBT: 67 or higher IELTS Academic-Module: 5.5 or higher

(2) **Examination fee (Remittance from abroad)**

The amount of 30,000 yen for the examination fee must be transferred from a financial institution following the instructions below.

- Telegraphic transfer
- Advise and pay
- Applicant pays the transaction charge
- Amount: ¥30,000(yen)
- Transfer to:

Receiving bank:

SHINKIN CENTRAL BANK  
INTERNATIONAL OPERATIONS CENTER  
SWIFT CODE: ZENBJPJT

Receiving bank's address:

8-1 KYOBASHI 3-CHOME, CHUO-KU, TOKYO JAPAN

Beneficiary's Account No:

0340900 with OBIHIRO SHINKIN BANK INADA BRANCH

Beneficiary's name:

OBIHIRO CHIKUSAN DAIGAKU

Beneficiary's Address:

11, NISHI 2, INADACHO, OBIHIRO, HOKKAIDO, 080-8555, JAPAN

- Put **“PAY IN FULL”** in the **“Message to payee”** space in the remittance application form.

**Payment Period: From Tuesday, November 5 to Thursday, November 21, 2019.**

**\*All handling fees including transaction charges are to be paid by the applicant.**

Note1: The examination fee is not refundable for any reason except the following:

- The applicant has failed to submit his or her application form by the prescribed date, or his or her application form has been rejected by the University.
- The applicant has paid the examination fee twice.

A request for a refund should be made promptly.

\*For further information about the refund, contact:

Entrance Examination Office

Obihiro University of Agriculture and Veterinary Medicine

E-mail: nyushi@obihiro.ac.jp

Note2: An application will be rejected if the examination fee is not paid.

(3) Guideline of research proposal

**You must consult your prospective supervisor before making the research proposal.** The proposal must include the following three points in English, on A4 sheets, 2 pages maximum:

1. Background and purposes of the research (in detail)
2. Outline of research method (You do not need to describe research techniques in detail. Just briefly explain the outline of the whole research procedure.)
3. Expected research results (Detailed description is not necessary. Briefly describe expected results in context of the research purposes.)

\*The form for the research proposal is available on our website at <https://www.obihiro.ac.jp/en/grad-adm>

(4) Application method and application period

Enclose all the application documents in the envelope and send it by mail.

The documents must be sent by EMS or registered special delivery mail. **The documents have to arrive by 17:00 on the last day of the application period.** Documents arriving later than this will not be accepted, so be sure to send them early enough to avoid postal delays.

**Application Period : From Monday, November 11, 2019 to Thursday, November 21, 2019**

(5) Submit the application documents to:

Entrance Examination Office, Obihiro University of Agriculture and Veterinary Medicine

11 Nishi 2, Inadacho, Obihiro, Hokkaido 080-8555, Japan

Note: The application documents will not be returned.

## 7. Method of Selection

Results from a short essay, English and interview (about the research proposal and the academic transcript) will be examined.

Description	Allotment of marks	Summary
Short essay	100	Submit a short essay on the theme provided by the University on A4-sized paper, 2 pages maximum in English.
English	100	Submit the original certificate of one of the following exams. 80-100 points are given according to our graduate school regulation. The test score must be taken after April 1, 2017. TOEIC L&R (including TOEIC-IP): 650 or higher TOEFL iBT: 67 or higher IELTS Academic-Module: 5.5 or higher
Skype Interview	100	Personal interview in English by multiple interviewers from the Specialty (about 15 min)

## 8. Time and Date of Examination

Date	Description	Time
Tuesday, December 3, 2019	Skype Interview	To be arranged after application

## 9. Notification of Admission

(1) **Schedule : 10:00 a.m., Tuesday, December 10, 2019**

The code numbers of accepted students are displayed at the entrance of the General Research Building I and on the website (<https://www.obihiro.ac.jp/en>).

(2) The notification of admission and the documents necessary for enrollment procedures are sent to the admitted students.

(3) Telephone enquiries regarding admission are not accepted.



## **10. Enrollment Procedures**

- (1) Enrollment period : **From Friday, March 6, 2020 to Monday, March 23, 2020**  
\*The documents have to arrive by 17:00 on the last day.
- (2) Fee for disaster/accident insurance for students in education/research: 4,730 yen  
(Insurance for accidental injury in University activities)

## **11. Privacy Statement**

- (1) Any personal information we acquire is strictly protected under the "Law on Protection of Personal Information Held by Independent Administrative Agencies" and the "National University Corporation Obihiro University of Agriculture and Veterinary Medicine Management Regulations of Personal Information."
- (2) Personal information such as your name and address that is sent during the application process is used for selection, notification of admission, enrollment procedures, survey and research on selection methods and additional procedures.
- (3) Personal information such as the examination results acquired in the process of selection is used for survey and research on selection and selection methods.
- (4) For successful applicants only, personal information mentioned above in (2) and (3) is also used for the purposes of school affairs (e.g., study guidance) and student support (e.g., scholarship application and tuition exemption application) after entering Obihiro University of Agriculture and Veterinary Medicine.

**Description of the Doctoral Program**  
**Veterinary Science**  
**Graduate School of Animal and Veterinary Sciences and Agriculture**  
**Obihiro University of Agriculture and Veterinary Medicine**

**1. Education Policy of the Doctoral Program of Veterinary Medicine**

**Admission Policy**

The Doctoral Program of Veterinary Science at the Graduate School of Animal and Veterinary Science and Agriculture, utilizing its educational systems which involve “fusion of veterinary medicine, animal science and agriculture” and “cooperation with overseas universities” aims to train educators and researchers who, while keeping globalization of food and agriculture in mind, have technical knowledge, creativity, and excellent research and development skills, and excellent educational abilities as well as great personality. For that purpose, we want students:

1. Who aim to be educators and researchers who can conduct international-standard, advanced research with global views on veterinary medicine, animal science and agriculture, and have good communication skills,
2. Who are eager to contribute to society domestically and globally by giving back to society their research results in the field where veterinary medicine, animal science and agriculture are fused, and by playing a central role in maintaining animal and human health, conserving the global environment and ecosystem, and developing industries and life science,
3. Who want to pursue comprehensive knowledge and advanced research on a specific area of the veterinary medicine program, and
4. Who have acquired basic knowledge and skills, and application skills, up to the bachelor’s level in veterinary science and related fields, and basic knowledge and skills, and application skills, up to the master’s level in other fields.

**Diploma Policy**

In the Doctoral Program of Veterinary Science, the degree shall be conferred on persons who have taken the courses set up in the curriculum and obtained the required credits to complete the program, and have acquired the following skills that enable them to shoulder advanced research using their up-to-date knowledge and skills in the fields of veterinary medicine such as basic veterinary medicine, clinical veterinary medicine and public health, and interdisciplinary fields of the above:

1. Ethics
  - Ethics based on up-to-date knowledge and skills in the fields of veterinary medicine such as basic veterinary medicine, pathological veterinary medicine, applied veterinary medicine and clinical veterinary medicine, and based on deep understanding of highly advanced medical techniques and of social activities for companion, industrial and wild animals,
2. International competence and leadership
  - Abilities to conduct international-standard, advanced research in a wide range of fields of life-scientific research including the intravital micro-level, the macro-level dealing with individuals and populations, and animal production.
  - Abilities to conduct international-standard, advanced research in the field of ecological research dealing with the inside of organisms, individuals and populations.
  - A wide range of technical knowledge on veterinary life science, and abilities to conduct international-standard, advanced research.
  - Abilities to contribute to the improvement of food safety and human and animal health utilizing highly advanced knowledge on food safety management systems and domestic and overseas safety monitoring of agricultural and livestock products, and excellent analysis and livestock management techniques in veterinary medicine and veterinary life science.
3. Communication skills:
  - Internationally competent presentation skills and communication skills necessary to explain their process of thinking and making judgments with regard to their specialty in the fields of basic veterinary medicine, pathological veterinary medicine, applied veterinary medicine and clinical veterinary medicine.
4. Technical knowledge and skills:
  - Abilities to utilize highly advanced knowledge on food safety management systems and domestic and overseas

safety monitoring of agricultural and livestock products, and to utilize excellent analysis and livestock management techniques in veterinary medicine and veterinary life science; abilities to contribute to the improvement of food safety and human and animal health; global views with regard to the fields of veterinary medicine, animal science, agriculture, and their interdisciplinary fields; practical skills and leadership to meet various social needs according to the globalization of veterinary medicine, and; international-standard, advanced research skills.

### **Curriculum Policy**

In order to have the students acquire the knowledge and skills specified in the diploma policy, we conduct education paying attention to the following points:

1. Developing high-level of ethics as a researcher:
  - We offer courses to develop high-level of ethics using e-learning and active learning.
2. Developing leadership:
  - We offer courses for students to acquire advanced knowledge and skills, and an ability to manage the whole in order to develop educators and researchers with practical skills and leadership, which enable them to satisfy social needs.
3. Developing international competence:
  - We offer courses that enhance skills for presentation, debate and academic writing for students to play an active role globally in the future.
  - We offer courses to develop international competence such as research internships and fieldwork in cooperation with overseas universities for students to acquire advanced research skills.
4. Developing comprehensive research abilities as a doctor:
  - We offer common courses as well as selective courses from other degree programs for students to acquire a wide range of highly technical knowledge interdisciplinarily from the viewpoint of fusing veterinary medicine, animal science and agricultural studies.
  - We offer courses for students to acquire international-standard, advanced research skills that aim to resolve global issues.
5. We offer “special core course” as required courses, which aim to have students acquire highly advanced technical knowledge and skills on veterinary medicine and related fields in order to develop researchers who can play an active role and make contributions globally.
6. We offer courses for students to acquire the globally most advanced knowledge and skills on food safety, and animal and human health, involving highly advanced knowledge on food safety management systems and domestic and overseas safety monitoring of agricultural and livestock products, and excellent analysis and livestock management techniques in veterinary medicine and veterinary life science.

### **2. Completion of programs and awarding degrees**

Students are awarded the Doctoral Degree in Veterinary Science after they completed the program, i.e., those who have been enrolled in the Doctoral Program of Veterinary Science at the Graduate School of Animal and Veterinary Sciences and Agriculture of our university for four years or longer, and have earned the required 30 credits, who have received the necessary research instruction, and passed the examination of their doctoral thesis in addition to the final examinations of the courses relevant to the thesis.

However, for those who achieved excellent results, the period enrolled in the graduate school could be shortened to three years.

### 3. Supervisors

Name	Position	Specialized Subject	Field of Research	Contents
Makoto Igarashi	Professor	Veterinary Parasitology	Diseases control	Parasitism of protozoan parasites
Toshiaki Ishii	Professor	Veterinary Pharmacology	Neuropharmacology	Molecular basis of physiological and pathological manifestations in the central nervous system
Toru Ishikawa	Professor	Veterinary Physiology	Cell physiology	Cellular regulatory mechanisms and structure-function relationships of ion channels and transporters involved in epithelial transport
Hisashi Inokuma	Professor	Veterinary Internal Medicine	Large Animal Internal Medicine	Diagnosis and treatment of large animal internal medicine
Haruko Ogawa	Professor	Veterinary Epizootiology	Veterinary Epizootiology	Study on animal viral diseases
Shinichiro Kawazu	Professor	Veterinary Parasitology	Preventive Medicine for Protozoan Diseases	Development of novel vaccines and therapeutic approaches based on functional analysis of the protozoan genome and proteins
Keiko Kawamoto	Professor	Microbiology	Immunology of Infectious Disease	1) Molecular and epidemiological research on infectious diseases of terrestrial and aquatic animals 2) Allergy and Immunology
*Hisao Kurazono	Professor	Veterinary Microbiology	Protein Toxicology	The role of protein toxins in bacterial infection
XUAN Xuenan	Professor	Veterinary Parasitology	Host Defense	Studies on analysis of host defense immunity and development of recombinant vaccines against protozoan parasite infections
Yoshiyasu Kobayashi	Professor	Veterinary Pathology	Diagnostic Pathology	Pathogenesis and diagnosis of animal diseases
Motoki Sasaki	Professor	Veterinary Anatomy	Veterinary Anatomy	Functional morphology in vertebrates
Hiroshi Suzuki	Professor	Laboratory Animal Science	Functional Genomics	Analysis of gene function <i>in vivo</i> by transgenic technology and development of reproductive bio-technology
Yasuo Nambo	Professor	Equine Reproduction	Equine Reproduction	1) Research area for theriogenology 2) Reproductive biology 3) Reproductive endocrinology in horses
Yoshifumi Nishikawa	Professor	Veterinary Parasitology	Infection immunity	Study on onset mechanism of pathogenic protozoan diseases
△Hidefumi Furuoka	Professor	Veterinary Pathology	Pathobiological Science	The pathology of neuromuscular disorders and the pathology of infectious diseases (e.g., animal prion diseases, <i>Lawsonia</i> infection)

The professor marked with \* will retire on March 31, 2022. If you would like to be supervised by him/her, please consult in advance about research instruction.

The professor marked with △ will retire on March 31, 2023. If you would like to be supervised by him/her, please consult in advance about research instruction.

Name	Position	Specialized Subject	Field of Research	Contents
Motozumi Matsui	Professor	Theriogenology	Diagnosis and Therapeutics for Reproductive Diseases	Pathophysiology of ovarian and uterine disorder in cow reproduction
Norio Yamagishi	Professor	Veterinary Clinical Pathology	Bovine Medicine	Pathophysiology, Diagnosis, and Treatment of Bovine Diseases
Naoaki Yokoyama	Professor	Veterinary Parasitology	Diagnosis for protozoan Diseases	Epidemiological survey of protozoan disease in domestic animals and development of its control strategy
Kayo Okumura	Associate professor	Veterinary Microbiology	Bacteriology	Molecular mechanisms of bacterial pathogenesis and developments of diagnostic tools for bacterial pathogens
Akira Kubota	Associate professor	Toxicology	Environmental Toxicology	Study on biological effects and mode of action of anthropogenic chemicals
Nao Tsuzuki	Associate professor	Image diagnosis	Image diagnosis	Research on image diagnosis for farm animals
Toyoko Hiroi	Associate professor	Veterinary Public Health	Pathogenic Bacteriology	Molecular mechanisms of bacterial infections and its pathogenicity. Development of diagnosis and detection methods of bacterial infections.
Shinya Fukumoto	Associate professor	Veterinary Parasitology	Vector Biology	Infection mechanism of pathogens to the vector invertebrate
Kotaro Matsumoto	Associate professor	Veterinary Internal Medicine	Large Animal Internal Medicine	Diagnosis and treatment of infectious diseases of large animals
Yoshikage Muroi	Associate professor	Pharmacology	Neuropharmacology	Study on the central nervous system for controlling instinctive behaviors

#### **Application and enquiries**

Entrance Examination Office,  
 Obihiro University of Agriculture and Veterinary Medicine.  
 11 Nishi 2, Inadacho, Obihiro, Hokkaido 080-8555, Japan  
 Tel: (0)155-49-5321 (direct line) (8:30 a.m. – 5:15 p.m., Monday – Friday)  
 E-mail: nyushi@obihiro.ac.jp

#### **Obihiro University of Agriculture and Veterinary Medicine Website**

Visit our website for further information on admission, faculties and outline of Obihiro University of Agriculture and Veterinary Medicine.

<<https://www.obihiro.ac.jp/en>>