

2020年度

鳥取大学大学院共同獣医学研究科
博士課程

学生募集要項

APPLICATION FOR ADMISSION TO
THE DOCTORAL COURSE FOR 2020

鳥取大学大学院共同獣医学研究科

Joint Graduate School of Veterinary Sciences, Tottori University

4-101 Koyama-cho Minami, Tottori, 680-8553, Japan

TEL: +81-857-31-5365

FAX: +81-857-31-5347

Admission Policy

The Joint Graduate School of Veterinary Sciences is looking for students who:

- (1) have sound research and veterinary ethical values and can adhere to the Code of Conduct;
- (2) have adequate basic academic abilities and skills in veterinary and animal sciences;
- (3) have English language skills and communication skills necessary for research activities;
- (4) have a motivation and an inquiring mind to actively work on research topics;
- (5) have energy and ambition to conduct creative research with a broad view.

The application documents will not be submitted for any other reasons or to any other persons, unless in the case of an exception set by the article 9 (2) of the Act on the Protection of Personal Information Held by Incorporated Administrative Agencies, etc.

Entrance Examination Schedule

○Admission in April 2020 (First round)

Item	Schedule
Entrance examination eligibility application	July 5 (Fri.) to July 19 (Fri.), 2019
Examination application period	August 1 (Thu.) to August 7 (Wed.), 2019
Examination date	September 5 (Thu.), 2019
Announcement of results	September 13 (Fri.), 2019
Admission procedures	February 25 (Tue.) to February 28 (Fri.), 2020

○Admission in April 2020 (Second round)

Item	Schedule
Entrance examination eligibility application	December 16 (Mon.),2019 to January 6 (Mon.), 2020
Examination application period	January 14 (Tue.) to January 17 (Fri.), 2020
Examination date	February 4 (Tue.), 2020
Announcement of results	February 19 (Wed.), 2020
Admission procedures	February 25 (Tue.) to February 28 (Fri.), 2020

*The second round may not be conducted depending on the results of the first round.

*Whether the second round is conducted or not is planned to be announced on the Joint Graduate School of Veterinary Sciences, Gifu University ,Tottori University website (<https://vetsci.gt-jdvm.jp/>) after the announcement of results for the first round.

I. Student Admission

Course	Student admission
	April 2020 entrance
Joint Major of Veterinary Sciences	5

II. Admission Requirements

Applicants must meet one of the following requirements.

1. Those who have graduated from a medical, dental, veterinary or pharmacy school after completing a six-year course (including those who will do so by March 2020 for April 2020 entrance)
2. Those who have completed 18 years of school education abroad (including those who will do so by March 2020 for April 2020 entrance) (Limited to a final course in medicine, dentistry, pharmaceutical sciences or veterinary medicine)
3. Those who have completed 18 years of school education abroad by taking subjects through a correspondence course of foreign countries in Japan (Limited to a final course in medicine, dentistry, pharmaceutical sciences or veterinary medicine) (including those who will do so by March 2020 for April 2020 entrance)
4. Those who have completed 18 years of foreign school education in Japan designated by the Minister of Education, Science and Culture of Japan (Limited to a final course in medicine, dentistry, pharmaceutical sciences or veterinary medicine) (including those who will do so by March 2020 for April 2020 entrance)
5. Individuals who have been granted a degree equivalent to a bachelor's degree by an overseas university or other overseas school (provided that the comprehensiveness of such educational research activity is evaluated by a person who is certified by the government or a relevant authority of the country, or that it is separately specified as equivalent by the Minister of Education, Culture, Sports, Science and Technology) following completion of a course with a length of at least 5 years (This may involve the completion of a course through correspondence classes conducted in Japan by the overseas school, or the completion of a course on the above-specified research at an education facility designated by the school education system in the relevant country.) (Limited to a final course in medicine, dentistry, pharmaceutical sciences or veterinary medicine) (including those who will do so by March 2020 for April 2020 entrance)
6. Those designated by the Minister of Education, Science and Culture of Japan (according to the Ministry of Education 1955 Notification No. 39)
 - (1) They should have graduated from a medical or dental school according to Article 388 in the former School Education Ordinance.
 - (2) They should have graduated from the National Defense Medical College according to Article 164 in the Establishment Law of the Japan Ministry of Defense.
 - (3) They should have acquired a degree equivalent to a master's or should have studied for more than 2

years on a doctoral course without a course division composed of two-year and three-year courses and should have received more than 30 credits and instruction of research. Further, their current research accomplishments should be authorized by this graduate school; they should also be certified by the University as applicants having higher qualifications than those who have completed courses in veterinary or pharmaceutical sciences school after completing a six-year course, medical or dental schools.

- (4) They should have been devoted to research in universities or institutes for more than 2 years after having graduated from a university or college (excluding veterinary, pharmaceutical sciences, medical, and dental schools) or should have completed 16 years of educational courses at a foreign school. Further, they should be authorized with accomplishments in the present research by this graduate school as applicants having qualifications higher than those who have completed courses in a veterinary or pharmaceutical sciences school after completing a six-year course, medical or dental school.
7. Applicants who have entered the other graduate schools (Limited to doctoral course in medicine, dentistry, pharmaceutical sciences or veterinary medicine) of universities according to the second clause of Article 102 of the School Education Law and were admitted by this graduate school on the basis of their academic abilities.
8. Applicants who fall into one of the following categories will be considered by this graduate school as having the necessary credits with an excellent record:
 - (1) Those who have studied at a veterinary or pharmacy school on a six-year course, medical or dental school for more than 4 years
 - (2) Those who have completed 16 years of school education abroad (including those who will do so by entrance) (Limited to a curriculum in medicine or dentistry, a six-year curriculum in veterinary medicine or pharmaceutical sciences)
 - (3) Those who have completed 16 years of school education abroad by taking subjects through a correspondence course of foreign countries in Japan (including those who will do so by entrance) (Limited to a course in medicine, dentistry, pharmaceutical sciences or veterinary medicine)
9. Those who are 24 years or older by March 2020 and were admitted by this graduate school on the basis of their having abilities equivalent to those of the graduates of a curriculum in medicine or dentistry, a six-year curriculum in veterinary medicine or pharmaceutical sciences; their abilities are determined through Joint Graduate School's special entrance examination

Refer Section III if you are under items 6(3), 6(4), 7, 8 and 9.

III. Recognition of Admission Requirements

Authorization will be issued upon submission of the following papers and oral examination. However, the oral examination will be omitted for those applicants who are able to show that their scholastic level is equivalent to or higher than that of students falling under the previously mentioned categories.

1. Documents to be submitted:

① Application for the Certification of Qualification	The form issued by this graduate school should be used, and it should be filled out completely. (Form No. 8)
② Curriculum vitae	The form issued by this graduate school should be used, and it should be filled out completely. (Form No. 2)
③ Statement of research experience	Use official form (Form No. 9) Under Item 6(4) History of employment needs to be certified by the dean(s) or the director(s) of the institutions where the applicant has worked or works at present. The history of employment written by the applicant may be accepted, even if it can not be certified at the relevant institution(s).
④ Summary of research achievements	A summary of the applicant's research achievements on A4-size paper. It should be about 1,000 characters in Japanese or 600 words in English. Use A4 paper and attach a cover sheet (Form No.10).
⑤ Supplementary materials to show past research experience	If available, attach supplementary materials (e.g., a copy of a thesis or research paper) showing the applicant's research achievements.
⑥ Academic transcript	A copy of the official transcript of the latest degree certified by the president of the last school from which the applicant graduated should be attached.

2. Submission Period

April 2020 entrance (First round)	July 5 (Fri.) to July 19 (Fri.), 2019
April 2020 entrance (Second round)	December 16 (Mon.), 2019 to January 6 (Mon.), 2020

3. Submission Method

Application documents should be submitted in person or mailed. The admission office is open 9:00 am – 4:30 pm, Monday through Friday (except for holidays) for submission.

If the application form is accompanied by the other application materials, they should be sent by registered special delivery with “Application Form Enclosed” written on the envelope (preferably in red ink), to the following address: (The documents must arrive by 17:00 of the last day for an application period.)

4. Address

4-101 Koyama-cho Minami, Tottori, 680-8553, Japan

General Affairs Section for Joint Department of Veterinary Medicine, Faculty of Agriculture, Tottori

University TEL: +81-857-31-5365

5. Applicants taking the oral examination will be separately notified of the date.

6. Authorization

The result of the examination will be mailed to each applicant on:

April 2020 entrance (First round)	August 1 (Thu.), 2019
April 2020 entrance (Second round)	January 14 (Tue.), 2020

IV. Application Procedure

1. Application period

The deadlines for receiving the applications and all supporting documents are as follows:

April 2020 entrance (First round)	August 1 (Thu.) to August 7 (Wed.), 2019
April 2020 entrance (Second round)	January 14 (Tue.) to January 17 (Fri.), 2020

2. Application process

Application documents should be submitted in person or mailed. The admission office is open 9:00 am – 4:30 pm, Monday through Friday (except for holidays) for submission.

If the application form is accompanied by the other application materials, they should be sent by registered special delivery with “Application Form Enclosed” written on the envelope (preferably in red ink), to the following address: (The documents must arrive by 17:00 of the last day for an application period.)

3. The Administration Office

4-101 Koyama-cho Minami, Tottori, 680-8553 Japan

General Affairs Section for Joint Department of Veterinary Medicine, Faculty of Agriculture, Tottori University TEL: +81-857-31-5365 FAX: +81-857-31-5347

4. Application documents

① Application form	The application form issued by this graduate school should be used, and it should be filled out in English. (Use Form No. 1)
② Examination Admission Card and Photograph Card	Use official form (Form No. 1-1)
③ Two identical photographs	Photographs taken within the last three months before the application should be provided for the designated sections of the application form and the admission card. The photographs should be portrait-sized (4×3 cm).
④ Curriculum vitae	Use official form (Form No. 2)
⑤ A copy of the degree certificate regarding the completion of the final school course or a master's	

	course should be provided.
⑥ Academic transcript	A copy of the official transcript of the latest degree certified by the president or dean of the last school from which the applicant graduated should be attached. (Unquestioned style. Possibly, use official form No. 3)
⑦ Application fee	30,000 JPN. * Foreign students with a scholarship from the Japanese government are exempt from paying the application fee. * Complete the payment transfer at any bank in Japan (except for Post office and Japan Post Bank) and use the enclosed slip, Attach the payment receipt slip on the form of Confirmation of payment of application fee, Form No. 4. Application fee should not be deposited through an ATM. The commission fee associated with this payment is the responsibility of the applicant. Keep the receipt of application fee deposit. Application fee will not be returned for any reasons after we receive the application documents except for below cases, 1) the fee has been paid without any application 2) rejection of the application 3) the fee has been paid twice
⑧ Copy of the graduation thesis (A summary of your research work experience)	A summary of the applicant's undergraduate thesis or master's thesis on A4-size paper (about 2,000 characters in Japanese or 1,200 words in English) with a cover page (Form 5, enclosed). Those who will graduate by March 2020 for April 2020 entrance or those who are not required undergraduate thesis, submit a summary of your research work experience at your university or working place. If neither of these is possible, submit a statement of your purpose for applying to the course in 1,000 Japanese characters or less.
⑨ Research Proposal	A written proposal for research to be conducted at this graduate school. The proposal must be on A4-size paper, with a cover page (Form 6, enclosed), and should be about 1,000 characters in Japanese or 600 words in English.
⑩ Employment letter if applicable	If the applicant is working for a public office or company, a letter of permission written by the head at the place of employment should be submitted. (The form issued by this graduate school should be used.) (Use Form No. 7)
⑪ Return envelope	A self-addressed envelope (including the applicant's name, address, and zip code), stamped (362 JPN) and 23.5 cm × 12.0

	<p>cm in size.</p> <p>※ If the postage has been revised at the time of application, please put the postage stamp at the revised rate including the express delivery fee within 25g.</p>
⑫ A copy of passport etc. (only for foreign applicants)	Foreign applicants who live in Japan should submit a copy of passport or residence card (both sides). Others should submit a copy of passport.

[Notes]

- (1) Before submitting the application, it is desirable for the applicant to consult with the major professor under whom the applicant wishes to study. (Appended Table : Major Supervisors and their Research Interests)
- (2) For those with physical and other handicaps : If you have any physical and/or other handicaps, we suggest that you notify us about your situation in advance. We can consider take your condition at the time of the entrance examination and thereafter. Therefore, those with physical and other handicaps are requested to submit a description of your condition along with a doctor's diagnosis.
(Address to General Affairs Section for Joint Department of Veterinary Medicine, Faculty of Agriculture, Tottori University), There are no fixed forms for the description of your condition ; you can choose the most suitable way to describe them. However, please be sure to include :
Admission in April 2020 (First round): untill August. 2 (Fri.) 2019, up to 3 days before the deadline.
Admission in April 2020 (Second round): untill January. 14(Tue.) 2020, up to 3 days before the deadline.
 - ① Your name, your present address and phone number
 - ② The name of the probable major supervisor
 - ③ The name of the department, the faculty and the university you graduated from
 - ④ The type and degree of your handicap
 - ⑤ Any considerations you wish us to make for you at the time of the entrance examination
 - ⑥ Any considerations you wish us to make for you after you have been accepted to our Graduate School
 - ⑦ Description of any treatment you have thus far received at your former university
 - ⑧ Any comments about your daily life in term of your condition that you want us to know about
- (3) No change in the documents will be allowed after submission of the application.
- (4) None of the documents submitted will be returned to the applicants.

V. Selection of Applicants

Applicants will be selected on a competitive basis. The admission of an applicant will be determined on the basis of his/her written and oral test scores and academic record.

However, foreign students may be selected on the basis of their application documents and need not take the written or oral tests in Japan.

1. Examination of Academic Subjects

① Written examination:

Foreign language: English

Note 1. Stedman's medical dictionary will be provided by the administration office.

Note 2. Foreign students can choose between Japanese and English essays.

In addition, the foreign language examinations exam (practical English skill test, TOEIC (L & R), TOEFL PBT) designated by this graduate school, those who have the score in the table below exempt from the above-mentioned writing test.

Practical English skill test	TOEIC (L&R)	TOEFL PBT
Grade Pre 1 or higher	730 points or more	550 points or more

※ Only score accepted after October 2017

Please submit the application form (certificate) strictly sealed by the relevant examination executing agency, enclose it in the application document without opening it, and submit it.

② Oral examination:

The oral test will concern the student's recent research contents (graduation thesis, master's degree, research results, case reports, or a substitute) and the statement of his/her study plan in this graduate school. The oral presentation and the questions will take approximately 10 minutes. Discussions will take approximately 20 minutes. (Please bring your own PC, and use the LCD projector to give a presentation. An appropriate converter should be prepared for projection to the projector using the 15-pin connector. In addition, to avoid some troubles at the time of presentation, please convert the PowerPoint data for presentation into PDF, and bring it into flash memory.)

2. Admission of foreign students based on their application documents

For special reasons, those who are unable to come to Japan at the time of the entrance examination may be selected on the basis of their application documents.

Note 1. Those who wish to undergo the abovementioned selection procedure without taking the examinations are required to have sufficient consultations with the major supervisor under whom they will study and for supervisor confirmation before the time of application.

Note 2. Those working in a public office or company must submit recommendation letters written by two academic advisors or heads at the place of employment, and preferred supervisor.

VI. Time, Date, and Place of Examination

April 2020 entrance (First round)	September 5 (Thu.), 2019
April 2020 entrance (Second round)	February 4 (Tue.), 2020

Examination	Time	Place
Written Test Foreign Language (Japanese or English essay)	10:00~11:30	* Faculty of Agriculture, Tottori
Oral Test	13:00~	University

* The location will be announced when the examination admission card is sent.

VII. Announcement of the Successful Applicants

List of the successful applicants admitted to the course will be posted on the announcement board at the entrance of the Building No.1 at Faculty of Agriculture, Tottori University, on the following dates:

April 2020 entrance (First round)	September 13 (Fri.), 2019	at 10:00 am
April 2020 entrance (Second round)	February 19 (Wed.), 2020	

* In addition, a separate notice will be mailed to each successful applicant.

No inquiry will be accepted by telephone or other means.

VIII. Enrollment Procedure

1. Notification of the submission of registration and documents

The time of registration is from:

April 2020 entrance	February 25 (Tue.) to February 28 (Fri.), 2020
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* The documents must arrive by 17:15 of the last day for an application period.

2. Documents and procedural instructions will be provided to each successful applicant along with a letter of notification.

3. Course fees

① Entrance fee: 282,000 JPN

② Tuition fee: 267,900 JPN for the first semester (535,800 JPN per year)

The tuition fee for the first semester must be paid by May 31, 2020 and the tuition fee for the second semester must be paid by November 30, 2020. Further information will be provided to accepted applicants.

【Notes】

- (1) The admission fee is not refundable. There are no exceptions.
- (2) The students who want to apply for exemption of the admission and tuition fees should not pay during the admission procedures period.

- (3) The admission and tuition fees are estimates. If the fees are revised upon your entrance or during the course, the revised entrance and tuition fees will be put into effect.
- (4) Foreign students with a scholarship from the Japanese government are exempt from paying the entrance and tuition fees.

IX. Long-term Enrollment System

Long-term enrollment system is facilitated at our graduate school for a student who has difficulty completing the course within the standard study period due to having work or other relevant reason. A student applicable under this system is given an opportunity to complete courses and obtain a degree according to a set schedule exceeding the standard study period. Those who wish to use this system should apply at the time of enrollment procedure. For details, please contact the General Affairs Section for Joint Department of Veterinary Medicine, Faculty of Agriculture, Tottori University.

<Outline of the Joint Graduate School of Veterinary Sciences, Tottori University>

1. Purpose of Establishment

The purpose of the Joint Graduate School of Veterinary Sciences is to contribute to the maintenance and development of an affluent society by producing leading veterinary practitioners who have gained academic knowledge and skills and practical abilities in the field of veterinary hygiene, public health, One Health, or intractable disease treatment/drug discovery and development as specialists in veterinary hygiene, public health, in One Health or in intractable disease treatment/drug discovery and development, respectively, under the educational philosophy of: (i) training educators and researchers in veterinary sciences who can contribute to the advancement of veterinary sciences by promoting advanced research in a wide range of areas related to animal and human health, including the soundness of ecosystems; and (ii) fostering professionals in veterinary sciences who have advanced knowledge and skills and expertise and high ethical values and will play a leading role in the global community and local communities.

2. Diploma Policy

The Joint Graduate School of Veterinary Sciences awards the Degree of Doctor of Philosophy in Veterinary Science to students who enroll for the required period, acquire the specified number of credits, acquire advanced and extensive expertise and research skills that meet the school's purpose of training human resources, and pass a thesis defense and a final examination.

- (1) Human resources who have advanced expertise and research skills in veterinary and animal sciences.
- (2) Human resources who can act as local leaders who respond to social demands by exercising creative research and communication skills based on a wide interdisciplinary background and a global viewpoint.
- (3) Human resources who can deal with or resolve various issues in veterinary and animal sciences as

specialists in veterinary hygiene, public health, in One Health or in intractable disease treatment/drug discovery and development.

3. Characteristics of Education and Learning

- (1) Students receive research guidance under the major supervisor. In addition, students are able to use the facilities at Gifu University.
- (2) At this graduate school, three faculty members: one major supervisor and two associate supervisors (one of them is a faculty member of Gifu University) train a student.

4. Curriculum Policy

To foster human resources who have advanced expertise and research skills and can act as local leaders who respond to social demands based on a wide interdisciplinary background and a global viewpoint as described in the Diploma Policy, the following Curriculum Policy is established:

- (1) The curriculum provides the graduate school's common subjects, basic educational subjects, specialist training subjects, research promotion subjects and advanced educational subjects.
- (2) Provision of this curriculum is intended to foster local leaders, veterinary science researchers and high-level professionals who have acquired advanced expertise and skills in veterinary sciences and can respond to social demands by exercising creative research and communication skills based on a wide interdisciplinary background and a global viewpoint.

5. Requirement for Graduation

Students are required to complete at least 30 credits in the curriculum of this graduate school, receive necessary research guidance, and pass the examination of the doctoral thesis and the dictation or written examination on the contents of the dissertation and the field of specialties. By passing the final examination, a doctor (veterinary science) degree is awarded. In addition, out of 30 credits or more, 10 credits or more are of Gifu University opening subjects.

6. Degree

For those who completed the course of this graduate school, a doctoral degree (Doctor of Philosophy in Veterinary Science) degree by Tottori University and Gifu University is awarded.

Major Supervisors and their Research Interests			
Department	Name of Major Supervisor	Research Interest	Research Contents
Basic Veterinary Science	HOSAKA Yoshinao	Glycobiology	Research on sulfated carbohydrate chain and cell differentiation mechanism
	WARITA Katsuhiko	Molecular Morphology	Research on statin sensitivity of cancer cells with different origin
	KITAMURA Naoki	Cellular Neurophysiology	Research on regulation of excitability in sensory neurons
	OHTA Toshio	Molecular cellular Pharmacology	Research on molecular cellular function of nociceptive and perceptual mechanism
	TAKAHASHI Kenji	Cellular pharmacology /toxicology	Research on mechanisms of cytotoxicity and cellular inflammation
Veterinary Pathobiology and Applied Veterinary Science	MORITA Takehito	Comparative Neuropathology	Research on pathogenesis of metabolic and infectious disease in the nervous system
	ITO Toshihiro	Zoonotic diseases	Research on host-range restriction and pathogenic factors of zoonotic pathogens
	YAMAGUCHI Tsuyoshi	Avian infectious diseases	Avian infectious disease control and the ecology of pathogens
	MURASE Toshiyuki	Veterinary Bacteriology	Pathogenicity and antimicrobial resistance of bacteria causing infectious diseases in animals
	TAKEUCHI Takashi	Mucosal Immunology	Research on immune response of mucosal tissue
	OZAKI Hiroichi	Pathomicrobiology	Research on host range analysis and pathogenicity
	TOMIOKA Yukiko	Disease model animal science	Developments and analyses of model animals for tumors and viral diseases
Clinical Veterinary Science	HISHINUMA Mitsugu	Theriogenology	Research on reproductive physiology and assisted reproductive techniques in domestic animals

	HIKASA Yoshiaki	Diagnosis and Treatment of Veterinary Medicine	Fundamental and clinical research as to pathophysiology, diagnosis and treatment concerning a variety of disorders in veterinary medicine
	TAKEUCHI Takashi	Neurology	Research on diagnosis and therapeutics in neurological disease
	HARADA Kazuki	Veterinary Clinical Pharmacotherapeutics	Research on pharmacotherapeutics of medical diseases in dogs and cats
	OKAMOTO Yoshiharu	Clinical Oncology	Fundamental and clinical study on development of new treatment technique to tumor in animal
	OSAKI Tomohiro	Small Animal Oncology	Research on new diagnosis and therapy in small animal tumors
	IMAGAWA Tomohiro	Clinical anatomy	Anatomical analyses of CT and MR images
	AZUMA Kazuo	Surgical etiological Analysis	Research on etiological analysis of surgical diseases and their clinical applications