# 2021年度(10月入学)

# 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 2021 (OCTOBER ENTRANCE)

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

When COVID-2019 outbreak occurs and examination is not conducted as planned, the date and time of the examination, the examination method and the date of the examination result might be changed or the examination time might be shortened. Tottori University will notify it to the applicants on the HP.

# **Admission Policy**

Characteristics of Students Sought by the Joint Graduate School of Veterinary Sciences Subject to successful completion of the entrance examination, the Joint Graduate School of Veterinary Sciences accepts students who:

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

Basic Policy on the Screening of Prospective Students

Through written examination (in foreign language, i.e., English) and oral assessment, prospective students are assessed for, among other things: their academic performance and acquired skills necessary for research at our graduate school; their English language skills.

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**

# OAdmission in October 2021

Item	Schedule
Entrance examination eligibility application	July 9 (Fri.) to July 21 (Wed.), 2021
Examination application period	August 5 (Thu.) to August 10(Tue.), 2021
Examination date	September 14 (Tue.), 2021
Announcement of results	September 17 (Fri.), 2021
Admission procedures	September 21(Tue.) to September 24 (Fri.), 2021

When COVID-2019 outbreak or a contingency such as large-scale natural disasters occurs and examination is not conducted as planned, the date and time of the examination, the examination method and the date of the examination result might be changed or the examination time might be shortened. Tottori University will notify it to the applicants on the HP.

Because just before submission period and examination applicants are careful particular.

 $<sup>\</sup>leq$ When COVID-2019 outbreak or a contingency such as large-scale natural disasters $\geq$ 

#### I. Student Admission

Course	Student admission
	October 2021 entrance
Joint Major of Veterinary Sciences	a few people

# II. Admission Requirements

Applicants must meet one of the following requirements.

- 1. Those who have graduated from a veterinary, pharmacy, medical or dental school after completing a sixyear course (including those who will do so by September 2021 for October 2021 entrance)
- 2. Those who have completed 18 years of school education abroad (including those who will do so by September 2021 for October 2021 entrance) (Limited to a final course in veterinary, harmacy, medical or dental)
- 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 veterinary, pharmacy ,medical or dental) (including those who will do so by September 2021 for October 2021 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 veterinary, pharmacy, medical or dental) (including those who will do so by September 2021 for October 2021 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 veterinary, pharmacy ,medical or dental) (including those who will do so by September 2021 for October 2021 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 veterinary medicine, medicine, dentistry or pharmaceutical sciences) 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, pharmacy, medical or dental school on a six-year course 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 veterinary, pharmacy, medical or dental school on a six-year course)
- (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 veterinary, pharmacy, medical or dental)
- 9. Those who are 24 years or older by September 2021 and were admitted by this graduate school on the basis of their having abilities equivalent to those of the graduates of a curriculum in veterinary, pharmacy ,medical or dental; 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	The form issued by this graduate school should be used, and it should	
	Certification of	be filled out completely. (Form No. 8)	
	Qualification		
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	Use official form (Form No. 9)	
	research	Under Item 6(4)	
	experience	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	A summary of the applicant's research achievements on A4-size paper.	
	research	It should be about 1,000 characters in Japanese or 600 words in	
	achievements	English. Use A4 paper and attach a cover sheet (Form No.10).	
(5)	Supplementary	If available, attach supplementary materials (e.g., a copy of a thesis or	
	materials to show	research paper) showing the applicant's research achievements.	
	past research		
	experience		
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 July 9 (Fri.) to July 21 (Wed.), 2021

# 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: August 5 (Thu.), 2021

# IV. Application Procedure

#### 1. Application period

The deadlines for receiving the applications and all supporting documents are as follows: August 5 (Thu.) to August 10 (Tue.), 2021

# 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	Use official form (Form No. 1-1)	
Card and Photograph Card		
③ Two identical	Photographs taken within the last three months before the	
photographs	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.		
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	

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	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	
® Copy of the graduation	A summary of the applicant's undergraduate thesis or master's thesis	
thesis (A summary of your	on A4-size paper (about 2,000 characters in Japanese or 1,200 words	
research work experience)	in English) with a cover page (Form No. 5, enclosed). Those who will	
	graduate by September 2021 for October 2021 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 No. 6, enclosed), and should be about 1,000 characters in	
	Japanese or 600 words in English.	
10 Employment letter if	If the applicant is working for a public office or company, a letter of	
applicable	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 (374 JPN) and 23.5 cm $\times$ 12.0	
	cm in size.	
② A copy of passport etc.	Foreign applicants who live in Japan should submit a copy of passport	
(only for foreign applicants)	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 October 2021: untill August 6 (Fri.) 2021, 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
  - 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 can exempt from the above-mentioned writing test. (but will be excluded from the object of scholarship in Tottori University encourage fund)

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

\* The score of the TOEIC makes something in everytime effective only this year.

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

October 2021 entrance	September 14 (Tue.), 2021
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Examination	Time	Place
Written Test Foreign Language (Japanese or English essay)	10:00~11:30	*Faculty of Agriculture, Tottori
Oral Test	13:00~	University

<sup>\*</sup> 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:

October 2021 entrance	September 17 (Fri.), 2021	at 10:00 am
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\* 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:

October 2021 entrance	September 21 (Tue.) to September 24 (Fri.), 2021
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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 November 30, 2021 and the tuition fee for the second semester must be paid by May 31, 2022. 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

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, have high ethical values and 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 life 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
- 3. Characteristics of Education and Learning

discovery and development.treatment/drug discovery and development.

- (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 high ethical values, a wide interdisciplinary background and a global viewpoint.

(3) Learning outcomes are assessed according to the level of achievement of class goals based on, among other things: the relevant university-wide agreement; and the performance assessment items listed in the syllabus of each subject.

# 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	Research Interest	Research Contents
	Supervisor		
Basic	HOSAKA Yoshinao	Glycobiology	Research on sulfated carbohydrate chain
Veterinary			and cell differentiation mechanism
Science	WARITA Katsuhiko	Molecular	Research on statin sensitivity of
		Morphology	cancer cells with different origin
	KITAMURA Naoki	Clellular	Research on regulation of excitability
		Neurophysiology	in sensory neurons
	OHTA Toshio	Molecular	Research on molecular cellular function
		cellular	of nociceptive and perceptual mechanism
		Pharmacology	
	TAKAHASHI Kenji	Cellular	Research on mechanisms of cytotoxicity
		pharmacology	and cellular inflammation
		/toxicology	
	HIGUCHI Masashi	Cell	Research on pituitary development and
		differentiation	cell differentiation
Pathogenetic,	MORITA Takehito	Comparative	Research on pathogenesis of metabolic
Applied		Neuropathology	and infectious disease in the nervous
Veterinary			system
Science	SUNDEN Yuji	Pathology of	Research on pathogenesis, prevention
		Veterinary	and treatment of infectious diseases

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		Infectious Diseases	
	ITO Toshihiro	Zoonotic diseases	Research on host-range restriction and
			pathogenic factors of zoonotic
			pathogens
	YAMAGUCHI	Avian infectious	Avian infectious disease control and
	Tsuyoshi	diseases	the ecology of pathogens
	MURASE Toshiyuki	Veterinary	Pathogenicity and antimicrobial
		Bacteriology	resistance of bacteria causing
			infectious diseases in animals
	TAKEUCHI Takashi	Mucosal	Research on immune response of mucosal
		Immunology	tissue
	OZAKI Hiroichi	Pathomicrobiology	Research on host range analysis and
			pathogenicity
	TOMIOKA Yukiko	Disease model	Developments and analyses of model
		animal science	animals for tumors and viral diseases
	SODA Kosuke	Infectious	Research on pathology of infectious
		Diseases of	diseases and development of vaccine
		Animals	
Clinical	HISHINUMA Mitsugu	Theriogenology	Research on reproductive physiology and
Veterinary			assisted reproductive techniques in
Science			domestic animals
	HIKASA Yoshiaki	Diagnosis and	Fundamental and clinical research as to
		Treatment of	pathophysiology, diagnosis and
		Veterinary	treatment concerning a variety of
		Medicine	disorders in veterinary medicine
	TAKEUCHI Takashi	Neurology	Research on diagnosis and therapeutics
			in neurological disease
	HARADA Kazuki	Veterinary	Research on pharmacotheapeutics of
		Clinical	medical diseases in dogs and cats
		Pharmacotherapeut	
		ics	
	OKAMOTO Yoshiharu	Clinical	Fundamental and clinical study on
		Oncology	development of new treatment technique
			to tumor in animal
	OSAKI Tomohiro	Small Animal	Research on new diagnosis and therapy
	OSAKI Tomohiro  IMAGAWA Tomohiro	Small Animal Oncology Clinical anatomy	



