# 平成30年 4月入学

# 山口大学大学院連合獣医学研究科

# 博士課程

# 学生募集要項

## ADMISSION PROCEDURE FOR THE DOCTORAL COURSE OF THE UNITED GRADUATE SCHOOL OF VETERINARY SCIENCE, YAMAGUCHI UNIVERSITY, APRIL 2018 ENTRANCE

構	成		大	学
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**COOPERATING UNIVERSITIES :** 

TOTTORI	UNIVERSITY
YAMAGUCHI	UNIVERSITY
KAGOSHIMA	UNIVERSITY

山口大学大学院連合獣医学研究科

The United Graduate School of Veterinary Science, Yamaguchi University

〒753-8515 山口市吉田1677-1
Yoshida 1677-1, Yamaguchi 753-8515
TEL (083) 933-5937 (直通)
FAX (083) 933-5938
http://ds22.cc.yamaguchi-u.ac.jp/~renju/

# Admission Policy

- 1. 豊かな人間性と倫理性を備えた,社会の多方面で活躍と貢献が出来る高級技術者または 研究者として明確な目的意識とモチベーションを有する人。
- 2. 目的を達成するために向上心と強い意志を持ち続け、さらにチャレンジング精神や好奇 心の旺盛な人。

入学者選抜の基本方針

教育理念・目標に合致した学生を選抜するために、学力検査(筆答試験および口述試験), 出願書類,面接等に基づき,志願者の能力や資質を総合的に評価して選抜します。また, 入学者の選抜は年2回実施し、4月または10月入学を選択することができます。

 Be highly motivated and have a clear sense of purpose to contribute to a variety of fields of society as a professional veterinarian or researcher with high humanity and morality.
 Keep his/her ambition and strong will to accomplish objectives as well as a spirit of challenge and curiosity.

Basic Policy on Applicant Screening

To successfully comply with the Graduate School's educational principles and goals, applicants are screened with academic achievement tests (written and oral), submitted application documents, interviews, and other tests for assessment of their skills and qualifications. Applicant screening is conducted twice a year, and applicants can enroll in either April or October.

出願書類等については、この学生募集要項において、必要なため提出していただくものであり、これによって得た個人情報を、独立行政法人等の保有する個人情報の保護に関する法律、第9条第2項に規定されている場合を除き、出願者本人の同意を得ることなく他の目的で使用又は第三者に提出することはありません。

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 Private Protection Law (the ninth article) of Yamaguchi University.

○平成30年4月入学(第1次募集)

1.2			01. 2.23	2140	
		事	項		日   程
	入学	試験出	願 資 格	申請	平成29年7月7日(金)~7月21日(金)
	出	願	期	間	平成29年8月3日(木)~8月9日(水)
	試	験	ĩ	日	平成29年9月7日(木)
	合	格	発	表	平成29年9月14日(木)
	入	学	手	続	平成 30 年 2 月 26 日(月)~3 月 2 日(金)

#### ○平成30年4月入学(第2次募集)

	事	項		日   程
入学	試験出願	頁資 格	申請	平成29年12月18日(月)~平成30年1月4日(木)
出	願	期	間	平成 30 年 1 月 15 日(月)~1 月 19 日(金)
試	験		日	平成30年2月6日(火)
合	格	発	表	平成 30 年 2 月 22 日(木)
入	学	手	続	平成 30 年 2 月 26 日(月)~3 月 2 日(金)

\*第2次募集は、第1次募集の状況により実施しない場合があります。

\*第2次募集実施の有無については、第1次募集合格発表後に本研究科ホームページ (http://ds22.cc.yamaguchi-u.ac.jp/~renju/v04.html) で公表する予定です。

# Entrance Examination Schedule

#### o Admission in April 2018 (First round)

Item	Schedule
Entrance examination eligibility	July 7 (Fri.) to July 21 (Fri.), 2017
application	
Examination application period	August 3 (Thu.) to August 9 (Wed.), 2017
Examination date	September 7 (Thu.), 2017
Announcement of results	September 14 (Thu.), 2017
Admission procedures	February 26 (Mon.) to March 2 (Fri.), 2018

#### o Admission in April 2018 (Second round)

Item	Schedule
Entrance examination eligibility	December 18 (Mon.),2017 to January 4 (Thu.), 2018
application	
Examination application period	January 15 (Mon.) to January 19 (Fri.), 2018
Examination date	February 6 (Tue.), 2018
Announcement of results	February 22 (Thu.), 2018
Admission procedures	February 26 (Mon.) to March 2 (Fri.), 2018

\* 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 graduate school website (http://ds22.cc.yamaguchi-u.ac.jp/~renju/v04.html) after the announcement of results for the first round.

#### ADMISSION 1. Student Admission

	Student admission	
Course	April 2018 entrance	
Veterinary Science	4	

\* Those who wish to enroll, please submit application documents etc. after obtaining the approval of the main supervisor.

\* Currently, Yamaguchi and Kagoshima Universities have submitted the installation plan of new graduate schools from April 2018 to the MEXT, which will replace the present United Graduate School of Veterinary Science, Yamaguchi University. Depending on the time of aforementioned new graduate school approval by the ministry, the number of enrollments might be changed.

#### 2. Admission Requirements

1) Applicants who fall into one of the following categories will be eligible for admission:

- (1) Those who have already graduated from a veterinary school after completing a six-year course (including those who will do so by March 2018)
- (2) Those who have graduated from a medical or dental school (including those who will do so by March 2018)
- (3) Those who have completed 18 years of school education abroad (including those who will do so by March 2018)
- (4) Those who have completed 18 years of school education abroad by taking subjects through a correspondence course of foreign countries in Japan (including those who will do so by March 2018)
- (5) Those who have completed 18 years of foreign school education in Japan designated by the Minister of Education, Science and Culture of Japan
- (6) 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.)
- (7) Those designated by the Minister of Education, Science and Culture of Japan
- (8) Those who have entered the graduate schools of other universities according to the second clause of Article 102 of the School Education Law and were admitted by the UVY on the basis of their academic abilities
- (9) Those who are 24 years or older and were admitted by the UVY on the basis of their having abilities equivalent to those of the graduates of veterinary, medical, or dental schools; their abilities are determined through the United Graduate School's special entrance examination

2) In addition to the conditions mentioned above, the applicants who fall into one of the following categories will be considered by the UVY as having the necessary credits with an excellent record:

- (1) Those who have studied at a veterinary school on a six-year course for more than 4 years
- (2) Those who have studied at a medical or dental school for more than 4 years
- (3) Those who have completed 16 years of school education abroad (including those who will do so by entrance)
- (4) 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)
- (5) Those who have completed 16 years of foreign school education in Japan designated by the Minister of Education, Science and Culture of Japan
- Note 1. Those designated by the Minister of Education, Science and Culture of Japan are required to possess one of the following qualifications:
  - (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 the UVY; they should also be certified by the University as applicants having higher qualifications than those who have completed courses in medical, dental, or veterinary 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 medical, dental, and veterinary 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 the UVY as applicants having qualifications higher than those who have completed courses in a medical, dental, or veterinary school.
- Note 2. Applicants who intend to apply in accordance with qualifications 1)-(7),(8),(9) and 2) must undergo before application an individual evaluation of their scientific abilities in relation to the requirements for admission, as described in section 9.

## **3. Application Procedure**

1) Application period

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

April 2018 entrance (First round)	August 3 (Thu.) to August 9 (Wed.), 2017
April 2018 entrance (Second round)	January 15 (Mon.) to January 19 (Fri.), 2018

Operating hours: 8:30 to 17:15 on weekdays

The documents must arrive by 17:15 of the last day for an application period.

#### 2) Application process

Applications should be submitted in person or by mail. 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:

#### 3) The Administration Office

The United Graduate School of Veterinary Science, Yamaguchi University. 1677-1 Yoshida, Yamaguchi-shi 753-8515 (Japan) Tel: +81-83-933-5937

4) Application documents

- (1) Application form: The application form issued by the UVY should be used, and it should be filled out in English.
- (2) Curriculum vitae: The form issued by the UVY should be used, and it should be filled out completely.
- (3) A copy of the degree certificate regarding the completion of the final school course or a master's course should be provided.
- (4) 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.
- (5) Photograph: Two identical 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  $(4 \times 3 \text{ cm})$ .
- (6) Application fee: 30,000 yen.

\* Foreign students with a scholarship from the Japanese government are exempt from paying the application fee.

\* The application fee should be deposited at the post office indicated by Yamaguchi University. The original remittance receipt should be attached to the reverse side of the application form. The section of the order form to be filled out by the recipient must be left blank.

- (7) Copy of the graduation thesis: A copy of the graduation thesis or the master's degree thesis along with a summary of about 1,200 words should be submitted. A4-sized paper should be used, and the cover issued by the UVY should be attached to the summary. In the case of an applicant whose application qualification falls under 2, the "Research results" submitted for authorization of the applicants will be substituted.
- (8) Preferred research outline: The applicant should explain his/her preferences, reasons, and research plans with regard to the school. (Attach the cover issued by the UVY along with the statement paper.)
- (9) 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 the UVY should be used.)
- (10) Certificate of registration as a foreigner: Foreign applicants should submit a copy of their "RESIDENCE CARD" issued by the Immigration Bureau of Japan.
- (11) Proof of funds for a copy of the application to the Japanese government to cover expenses: Applicable to foreign students who have obtained a Japanese government scholarship.
- (12) Mailing label: The form issued by the UVY should be used, and it should be filled out.

Note: It is not necessary to resubmit application documents that have already been submitted for the qualification of application.

5) Refund of the application fee

1) The application fee will not be refunded for any reason, except in the following cases:

(1) the fee has been paid without any application

- (2) the fee has been paid twice
- (3) rejection of the application
- 2) Procedure for refund

In the case of (1) and (2), please contact the admission office at the address provided in 3.(3). After this, a bill for the application fee refund will be sent to you. This bill must be filled out and returned to the Division of Accounting, Department of Finance, Yamaguchi University, at the address mentioned below. In the case of (3), the bill for the application fee refund will be sent to you along with the application form.

(Contact)

The Division of Accounting, Department of Finance, Yamaguchi University. 1677-1 Yoshida, Yamaguchi-shi 753-8511, Japan Tel: +81-83-933-5098

#### 4. 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 and an English-Japanese dictionary will be provided by the administration office.
- Note 2. Foreign students can choose between Japanese and English essays.

(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 the UVY. The oral presentation will take about 10 minutes and the questions and discussions will take approximately 20 minutes. (Please bring your own PC, and use the LCD projector to give a presentation.)

2) Admission of foreign students based on their application documents

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.

## 5. Time, Date, and Place of Examination

April 2018 entrance (First round)	September 7 (Thu.), 2017	Written Test 10:00~12:00 Foreign Language	United Graduate School of Veterinary
April 2018 entrance (Second round)	February 6 (Tue.), 2018	(Japanese or English essay) Oral Test 13:30~	Science Building, Yamaguchi University

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

## 6. Announcement of the Successful Applicants

List of the successful applicants admitted to the program will be posted on the announcement board at the Faculty of Agriculture, **Yamaguchi University, at 10:00 am on the following dates:** 

April 2018 entrance (First round)	September 14 (Thu.), 2017
April 2018 entrance (Second round)	February 22 (Thu.), 2018

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

# 7. Enrollment Procedure

1) Notification of the submission of registration and documents

The time of registration is from:	
April 2018 entrance	February 26 (Mon.) to March 2 (Fri.), 2018

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 yen

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

Note: The total annual tuition fee can be paid when making the payment for the first semester fee. When the tuition fee is revised during the course of the study, the revised fee after the admission publication will have to be paid. When the entrance and tuition fees are revised after completion of the enrollment procedure, the difference in the required fee must be paid.

## 8. Important 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.
- (2) Applicants must carry the entrance examination card during the examination.
- (3) No change in the documents will be allowed after submission of the application.
- (4) The application fee, once received, will not be refunded.
- (5) Requests for further information related to admission or registration should be directly made to the Student Affairs Section, The UVY. (Refer to item 3.(3.)). A self-addressed envelope with appropriate stamps, including registered mail charge if required, should be included.

# 9. Authorization of Applicants Under Items 1)-(7),(8),(9) and 2)

Authorization will be issued upon submission of the following papers.

However, the oral test 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) Papers to be submitted:

- (1) Application for certification of the applicant: The form issued by the UVY should be used.
- (2) Curriculum vitae: The form issued by the UVY should be used.
- (3) Certificate of research experience: The form issued by the UVY should be used.
- (4) Research results: Attach the cover issued by the UVY along with a summary of about 1,200 words.
- (5) Research materials: The applicants should submit any theses, books, academic reports, academic lectures, patents, etc., that they have produced.
- (6) Academic record: This record must be certified by the president or dean of the last school from which the applicant graduated.

#### 2) Submission Period

The abovementioned papers will be accepted on the following dates:

April 2018 entrance (First round)	July 7 (Fri.) to July 21 (Fri.), 2017	
April 2018 entrance (Second round)	December 18 (Mon.), 2017 to January 4 (Thu.), 2018	

The documents must arrive by 17:15 of the last day for an application period.

3) Address

The United Graduate School of Veterinary Science, Yamaguchi University. 1677-1 Yoshida, Yamaguchi-shi 753-8515 (Japan) Tel: +81-83-933-5937

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

5) Authorization

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

April 2018 entrance (First round)	August 3 (Thu.), 2017
April 2018 entrance (Second round)	January 15 (Mon.), 2018

# Table of the Major Chairs and the Instruction and Research Fields of Supervisors

Name of Major Supervisor (University)	Course Subject	Field of Instruction and Research		
		Speciality	Content	
Yoshinao HOSAKA (TT)	Basic Veterinary Science I	Glycobiology	Studies on the regulation of proteoglycans in the mechanism of stem cell fate-decision and differentiation	
Takashi TAKEUCHI (TT)	Basic Veterinary Science I	Mucosal Immunology	Studies on mucosal immunity	
Katsuhiko WARITA (TT)	Basic Veterinary Science I	Molecular morphology	Studies on cell characteristics related to drug sensitivity of cancer cells	
Izumi SHIBUYA (TT)	Basic Veterinary Science II	Cellular Physiology	Analysis of the regulatory mechanism of neuronal, neuroendocrine, and endocrine cells	
Naoki KITAMURA (TT)	Basic Veterinary Science II	Cellular Physiology	Analysis of the regulatory mechanism of excitation of mammalian and avian neurons	
Toshio OHTA (TT)	Basic Veterinary ScienceIII	Molecular Pharmacology	Pharmacological studies on the molecular cellular functions of nociception and sensory mechanisms	
Yoshiaki YAMANO (TT)	Basic Veterinary ScienceIII	Veterinary Biochemistry	Effect of endocrine disruptors on mammalian spermatogenesis	

# COURSE OF BASIC VETERINARY SCIENCE

TT: Tottori University

Name of Major Supervisor (University)	Course Subject	Field of Instruction and Research		
		Speciality	Content	
Toshiyuki MURASE (TT)	Pathological and Preventive Veterinary Science I	Veterinary Bacteriology	Ecological, genetic and pathogenesis studies on bacteria	
Yuzaburo OKU (TT)	Pathological and Preventive Veterinary Science I	Veterinary Parasitology	Studies on prevention and control of zoonotic parasitic diseases	
Takehito MORITA (TT)	Pathological and Preventive Veterinary Science II	Veterinary Neuropathology	Pathological studies on the various neurological disease of animals	
Yuji SUNDEN (TT)	Pathological and Preventive Veterinary Science II	Veterinary Pathology	Pathological studies to control animal diseases and zoonotic pathogens	
Toshihiro ITO (TT)	Pathological and Preventive Veterinary Science III	Epidemiology of Zoonoses	Studies on ecology, genetic evolution, mechanism for host range restriction, and virulence factors of the zoonotic pathogens including their prevention and control	
Tsuyoshi YAMAGUCHI (TT)	Pathological and Preventive Veterinary ScienceIII	Avian Infectious Diseases	Studies on the pathogenicity and control of avian infectious diseases	

COURSE OF PATHOLOGICAL AND PREVENTIVE VETERINARY SCIENCE

TT: Tottori University

Name of Major		Field of Instruction and Research		
Supervisor (University)	Course Subject	Speciality	Content	
Yoshiaki HIKASA (TT)	Clinical Veterinary Science I	Diagnosis and Treatment of Veterinary Internal Medicine	Fundamental and clinical study as to pathophysiology, diagnosis and treatment concerning a variety of disorders in veterinary internal medicine	
Takashi TAKEUCHI (TT)	Clinical Veterinary Science I	Veterinary Laboratory Medicine	Fundamental and clinical study on the neuronal disease in animals	
Akihiko SUGIYAMA (TT)	Clinical Veterinary Science I	Clinical Toxicology	Clinical pathological studies on adverse effects of drugs and chemical substances	
Kazuki HARADA (TT)	Clinical Veterinary Science I	Clinical Infectious Diseases	Studies on medical diagnosis and therapy for infectious diseases in animals	
Yoshiharu OKAMOTO (TT)	Clinical Veterinary Science II	Clinical Oncology	Fundamental and clinical study on development of new treatment technique to tumor in animals	
Tomohiro IMAGAWA (TT)	Clinical Veterinary Science II	Veterinary Diagnostic Imaging	Imaging approaches of the central and peripheral neuronal diseases in companion animals	
Tomohiro OSAKI (TT)	Clinical Veterinary Science II	Clinical Oncology	Research on new diagnosis and treatment methods in small animal oncology	
Mitsugu HISHINUMA (TT)	Clinical Veterinary ScienceIII	Reproductive Technology	Fundamental and clinical study on animal reproductive technology (IVF-ET)	

# COURSE OF CLINICAL VETERINARY SCIENCE

TT: Tottori University

## Outline of the Doctoral Course of the UVY

#### 1. Objective

The UVY (four-year doctoral course) was established with the joint cooperation of the professors and research facilities of the Departments of Veterinary Science of Yamaguchi University, Tottori University and Kagoshima University. This school aims to train students in research skills and provide them with extensive knowledge, and advanced technical abilities in veterinary science. After graduation, the students will be capable of making significant contributions to future veterinary research, teaching, and practices. This school accepts many foreign students belonging to various countries, especially the developing nations.

## 2. Diploma Policy

The UVY aims to develop human resources with advanced professional competence in veterinary science and abundant general knowledge, as well as flexible thoughts, wide perspectives, and a strong will to work to accomplish goals. A student who has earned a certain number of credits within a given enrollment term and has successfully achieved the knowledge and skills listed below to meet the UVY goal for human resource development will be given the degree of Doctor of Philosophy after passing the screening of academic dissertations and a final examination.

- 1. State-of-the-art scientific technologies in veterinary science and the capacity for application
- 2. Awareness of issues based on scientific understanding in life and logical thinking, as well as the capability to respond to or solve problems associated with veterinary science as an advanced specialist or researcher
- 3. Practical English and sufficient communication skills to respond to the globalization of research in veterinary science and medicine
- 4. Skills as a leader to actively participate in society

## 3. Characteristics of Education and Research

- 1. Students are required to select a major professor from among the teaching staff of the four universities. This is regulated by the UVY, which decides on the major professor.
- 2. Students will be placed at universities to which their major professors belong, and they can pursue their studies for the doctoral degree under the guidance of their professors. Students can also use the university facilities.
- 3. One major professor and two other professors (one from the native university and the other from a different university) will take charge of each student).

## 4. Curriculum policy

The educational curricula of the UVY are created in accordance with the following policies in order to develop human resources with advanced professional competence in veterinary science and abundant general knowledge, as well as flexible thoughts, wide perspectives, and a strong will to work to accomplish goals.

- 1. The UVY curricula are composed of the areas of Basic Veterinary Medicine, Pathological and Preventive Veterinary Medicine, and Clinical Veterinary Medicine, and offer lectures, practicums, and laboratory sessions in each of these areas. The student is required to take mandatory lectures, practicums, and laboratory sessions that are instructed by his or her main instructor. In these courses, the student is expected to acquire the knowledge and skills required to become an advanced specialist or researcher.
- 2. For a broader range of knowledge, the student is also given opportunities to learn professional expertise by taking selective courses taught by instructors other than his or her main instructor.
- 3. As a mandatory credit, the student is required to participate in a joint seminar in order to acquire the educational foundations shared by advanced specialists and researchers.

#### 5. Content of the United Departments

#### Course: Veterinary Science

#### **Basic Veterinary Science**

The united departments are concerned with the study of the morphology and physiology of vertebrates; they are involved with not only the fundamental study of preventive or clinical veterinary sciences but also various areas of life sciences. The various methodologies used in the departments are classified into two main areas: one pertains to the morphological study of living organisms using electron microscopes, etc., and the other pertains to their functional study, using electrophysiological, biochemical, or pharmacological methods. The departments in either area offer excellent educational facilities and opportunities for advanced research.

#### Pathological and Preventive Veterinary Science

This department has teaching staff who specialize in veterinary microbiology, veterinary immunology, and veterinary pathology. The teaching staff elucidates basic issues, for example, the prevention and therapy of veterinary infectious diseases, veterinary immunological diseases, tumors, and veterinary metabolic diseases, by using advanced research methods such as molecular cell biology and genetic techniques. The results are applied to the fields of public health for the preservation of human health and animal hygiene and for the improvement of productivity.

#### **Clinical Veterinary Science**

This department aims at contributing to human society by improving the management practices pertaining to various animals such as farm animals, companion animals, aquatic animals, and laboratory and zoo animals. In this regard, this department teaches theories and techniques of veterinary clinical immunology, clinical pathology, radiology, anesthesiology, neurophysiology, and molecular biology and aims to establish progressive diagnoses and therapeutics. Further, investigation of pathogenesis is conducted and the development of prophylaxes is studied in this department.

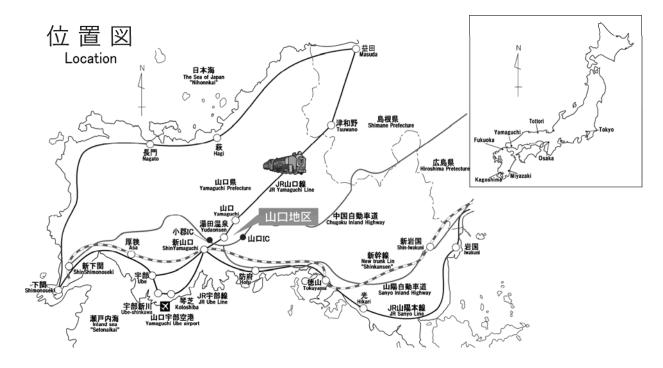
#### 6. Requirement for Graduation

The doctoral degree requires more than 30 credits in the required subjects (Special Advanced Lecture and Special Advanced Seminar and Special Advanced Experiment: more than 20 credits, Common Seminars: 9 credits, Special Seminar: 1 credit), an original thesis written under due supervision by designated academic advisors, and successful completion of the examinations for the degree itself.

The graduate course usually takes four years; however, if a student has excellent grades, it may be shortened to three years.

#### 7. Degree

The UVY awards the Doctoral Degree of Veterinary Sciences for the successful completion of the approved graduate course and research.



≫交通案内 新山口駅からJR山口線湯田温泉駅下車。徒歩20分(約1.5km) From Shinyamaguchi Station to Yudaonsen Station by JR train. Get down at Yudaonsen Station and walk a distance of about 1.5km (20min.). 又は新山口駅在来線口から防長バス大学経由県庁行き山口大学前で下車。 共同獣医学部まで徒歩約5分(400m) Take a Backe bus from Shinyamaguchi Station to Profestural Office. Cot down

Take a Bocho bus from Shinyamaguchi Station to Prefectural Office. Get down at Yamaguchi University bus stop and walk a distance of about 400m (5min.) to Joint Faculty of Veterinary Medicine.

