

For International Applicants

Graduate School of Life and Environmental Sciences  
Osaka Prefecture University

Doctoral Program  
Admission Guidelines for International Students

[For Sep., Oct. 2019 Admission]  
[For Apr. 2020 Admission]



Jan. 2019

Graduate School of Life and Environmental Sciences  
Osaka Prefecture University

URL<<http://www.bioenv.osakafu-u.ac.jp/>>

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## **Admission Policy of the Graduate School of Life and Environmental Sciences**

Our institution seeks to identify and utilize various life phenomena and functions in order to preserve the global environment in a sustainable manner through advanced education in the fields of bioscience and biotechnology. Moreover, we aim to develop technical experts and researchers who can contribute to advanced research, technical development, and academic progress and who are capable of serving as international leaders with a broad outlook, high moral standards, profound insights, and creative approach to research.

In an effort to implement this policy, the Graduate School of Life and Environmental Sciences is now seeking applicants for admission with the following attributes:

- applicants with a deep interest in and understanding of the living environment as well as life phenomena and functions;
- applicants with a spirit of inquiry and the ability to think logically; and
- applicants with basic knowledge of the relevant scientific fields and the ability to understand, speak, and write English.

# Part I. Admission Guidelines for International Applicants

## Doctoral Program

### 1. Allocation of Admission Spaces

#### (1) Division of Applied Life Sciences:

Department	Capacity
Applied Life Sciences:	low enrollment capacity

#### (2) Division of Environmental Sciences and Technology:

Department	Capacity
Environmental Sciences and Technology:	low enrollment capacity

### 2. Qualification for Admission

#### [For admission in Sep. or Oct. 2019]

Those who do not have Japanese nationality who wishes to the Doctoral program must meet one of the following qualifications:

- (1) Those who received a degree equivalent to a Master's degree or a professional degree in a foreign country and those who expect to obtain one by Sep. 30, 2019.
- (2) Those who have enrolled in a graduate school as a foreign student who was specially selected and have a Master's degree or professional degree and those who expect to obtain one by Sep. 30, 2019.
- (3) Those who have completed in Japan a course offered by a foreign school through correspondence and have been awarded a degree equivalent to a Master's degree or a professional degree. This also includes those who expect to obtain one by Sep. 30, 2019.
- (4) Those who have completed the relevant course designated separately by the Minister of Education, Culture, Sports, Science and Technology at an education institution positioned within the school education system of the relevant foreign country as a graduate school that provides graduate courses in that country. This also includes those who have received the equivalent of a Master's degree or professional degree and those who expect to receive one by Sep. 30, 2019.
- (5) Those who completed the program at the United Nations University and received a degree equivalent to a Master's degree and those who expected to be awarded one by Sep. 30, 2019.
- (6) Those who are recognized as having completed an education course at a foreign school and have passed the equivalent of Qualifying Examination (QE) or expected to pass by Sep. 30, 2019, and also those who have an academic ability that is equal to or beyond that of an individual with a Master's degree.
- (7) A person designated by the Minister of Education, Culture, Sports, Science and Technology (Sep. 1, 1989 Ministry of Education, Science and Culture Notification No. 118)
  - a. Those who have graduated from a university in Japan, have engaged in research at a university or research institute etc. for more than 2 years, have received a Master's degree by engaging in research at our Graduate School, have an academic ability that is beyond that of an individual with a Master's degree.
  - b. Those who have completed 16 years of school education in a foreign country or have completed courses offered by a foreign school through correspondence in Japan, have engaged in research for over 2 years at a university or research institute, have received a Master's degree by engaging in research at our Graduate School, have an academic ability that is beyond that of an individual with a Master's degree.
- (8) Those who are recognized by the Graduate School as having Master's degree or a professional degree from this Graduate School through the qualification examination and those who have an academic ability equal to or beyond that of an individual with a Master's degree or a professional degree and are also 24 years of age by Sep. 30, 2019.
- (9) Those who are recognized by the Graduate School as having Master's degree or a professional degree from this Graduate School through the qualification examination and those who have an academic ability equal to or beyond that of an individual with a Master's degree or a professional degree.

#### [For admission in Apr. 2020]

The same conditions above, but the date "Sep. 30, 2019" should be replaced with "Mar. 31, 2020".

#### Note:

Any applicant who meets the above conditions (7), (8) or (9) must first follow the procedure for qualification as specified in "6. Qualification Screening."

### 3. Examination at Oversea

For the convenience of applicants living outside Japan, we recognize to use Internet service for audiovisual communication (such as “Skype®”) from your country. It is required prior examination if applicants wish to take examination at overseas. Please contact Admissions Office to get more details.

### 4. Application Submission Period

[For admission in Sep. or Oct. 2019]:

Examination at Oversea: May 29–31, 2019  
 Examination inside Japan: Jul. 23–25, 2019

[For admission in Apr. 2020]:

Examination at Oversea: Oct. 29–31, 2019  
 Examination inside Japan: Dec. 9–11, 2019

#### Notes:

- (a) Admissions Office in Nakamozu campus is open 10:00–12:00 and 13:00–15:00.
- (b) Please submit materials either by post or by bringing them to the Admissions Office directly. Materials submitted by post must arrive during the reception period.
- (c) You are recommended to consult with your prospective supervisor (Professor or Associate Professor) before submitting your application.

### 5. Application Procedure

1	Application for admission etc.	
	Application for Admission	Use the form specified by the Graduate School of Life and Environmental Sciences.
	Entrance Examination Card	Make sure all the items are filled in.
	Photo Card	Paste the Photo (4cm×3cm) taken within 3 months.
	Sheet to affix the postal transfer payment receipt of the examination fee	Affix the postal transfer payment receipt on the enclosed sheet to be submitted with the application. Your application will be rejected if the examination fee has not been paid by the deadline or if the postal transfer payment receipt is not presented along with your application documents or if no post office date of payment is stamped on the receipt.
2	Examination fee	<p>¥ <b>30,000</b></p> <p><u>At a post office counter</u>, please pay the fee using the postal transfer payment slip provided by Osaka Prefecture University from one week before the deadline of your written application until the deadline date.</p> <p>However, that if you are currently enrolled in the master’s program of this university and intend to enter the doctoral program, you are not required to pay the examination fee.</p> <p>NOTE: Payment cannot be made by cash or with a postal money order.          Payment cannot be made by ATM (automatic teller machine) remittance.</p> <p><b>Remittance From Overseas to Japan</b></p> <p>In the case of payment from overseas, it is different method for international remittance of Examination Fee above; please contact Admissions Office in advance.</p>
3	Certificate of graduation (completion) or prospective certificate (documents certifying eligibility for application)	Documents certified by the last university attended by the applicant stating that the applicant has received the degree or expects to receive the degree. In regard to the cases referred to in (6), Certification Documentation for passing QE or expected to pass QE.
4	Academic transcript	Transcripts certified by the last university attended by the applicant, including the number of credits and grades of subjects taken.
5	Letter of recommendation	Letter of recommendation written by the president or principal of your most recent academic institution or your academic supervisor at your most recent academic institution.

6	Applicant's Background and Curriculum Vitae	Use the form specified by the Graduate School of Life and Environmental Sciences.
7	Copy of residence card	Please submit photocopies of both sides of residence card. Overseas residents must submit a photocopy of their passport (page with photo).
8	Return envelope (applicants by mail only)	If you are applying from Japan, please enclose a self-addressed envelope with ¥404 postage attached.

**Notes:**

- (a) When sending application materials by post, please be sure to send them as registered mail (express delivery), with "Application for Admission to the Graduate School of Life and Environmental Sciences Enclosed" written in red ink on the envelope.
- (b) Original copies of the above certificates are required for application. Copies will not be accepted.
- (c) Incomplete applications may not be accepted.
- (d) Changes to the matters stated will not be accepted after the application procedure.
- (e) Individuals who have completed the application procedure will be provided with an "Entrance Examination Card" and "Rules to Observe When Taking Examinations".
- (f) If the applicant is disabled, or if for any other reason the applicant wishes to request any consideration during the entrance exam or after enrollment, please contact the Admissions Office.
- (g) Examination fees will not be returned except under the following circumstances:
  - You wish to withdraw your application to Osaka Prefecture University.
  - Your application documents and other items are rejected because they are incomplete or insufficient.
  - You have inadvertently made a double payment of the entrance examination fee.

NOTE: Should any of the above applies, you should submit a refund request to the Admissions Office of Osaka Prefecture University no later than one month after the application deadline.

## 6. Qualification Screening

If you meet the conditions (7), (8) or (9) described in "2. Qualification for Admission," submit the following documents to obtain qualification before submitting your application:

You are required to inform your prospective supervisor (Professor or Associate Professor) of your application before submitting your documents.

- (1) Documents to be submitted
  - Applicant's Background and Curriculum Vitae (Use the form specified by the Graduate School of Life and Environmental Sciences.)
  - Certificate of graduation (completion)
  - Academic Transcripts
  - Research Background (Use the form specified by the Graduate School of Life and Environmental Sciences.)

(2) Submission Date

**[For admission in Sep. or Oct. 2019]:**

Examination at Oversea: May 8–10, 2019

Examination inside Japan: Jul. 1–3, 2019

**[For admission in Apr. 2020]:**

Examination at Oversea: Oct. 9–11, 2019

Examination inside Japan: Nov. 11–13, 2019

**Notes:** (a) Admissions Office in Nakamozu campus is open 10:00–12:00 and 13:00–15:00.

(b) When sending application materials by post, please be sure to send them as registered mail (express delivery). All materials must arrive during the reception period.

Please write "Qualification Screening Materials for Application to the Graduate School of Life and Environmental Sciences Enclosed" in red ink on the envelope.

- (3) To be submitted to Admissions Office
- (4) Result of the application qualification screening  
The results of the qualification screening will be sent out by mail.

**Note:** If you are asked to submit other documents, please provide them immediately.

## 7. Applicant Selection Method

### Academic achievement examination:

You must take an oral examination to evaluate your level of academic achievement mainly in your field of specialization.

After considering the results of the academic achievement examination and documents, we will determine whether you will be admitted to our graduate school.

Oral examination — You must choose your prospective supervisor from “Outline of the Graduate School of Life and Environmental Sciences (p.16 to 19)” and take examination in the Group for examination (A, B, or C) corresponding to your prospective supervisor (Professor or Associate Professor). Please fill in your chosen Group for examination (A, B, or C) and your prospective supervisor on the application form.

Division	Department	Group for Examination	Special subject
Applied Life Sciences	Applied Life Sciences	A	Oral examination
		B	Oral examination
Environmental Sciences and Technology	Environmental Sciences and Technology	C	Oral examination

## 8. Examination Date and Location

[For admission in Sep. or Oct. 2019]:

### (1) Examination at Oversea

Using Internet service for audiovisual communication from your country.

Examination date	Examination subjects	Examination locations
The time will be designated in Jun. 18, 2019 If there are exceptional circumstances, the applicant may be admitted to take examination in Jun. 17 or 19, 2019	Special subject (oral examination) by Internet service	Nakamozu campus and the institution or facilities where applicant belongs.

### (2) Examination inside Japan

Examination date	Examination subjects	Examination time	Examination locations
Aug. 20, 2019	Special subject (oral examination)	Start at 10 am (Examination time may be changed.)	Nakamozu campus building B11, C17

Refer to the details of the examination will post at the entrance of building B11 at 9am on the day of the examination. In the case of change, we will notice by separate information.

Spare day

Aug. 21, 2019	Due to unexpected circumstances such as natural disasters, the above examination is postponed on the day that is designated.
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**[For admission in Apr. 2020]:**

(1) Examination at Oversea

Using Internet service for audiovisual communication from your country.

Examination date	Examination subjects	Examination locations
The time will be designated in Nov. 19, 2019 If there are exceptional circumstances, the applicant may be admitted to take examination in Nov. 18 or 20, 2019	Special subject (oral examination) by Internet service	Nakamozu campus and the institution or facilities where applicant belongs.

(2) Examination inside Japan

Examination date	Examination subjects	Examination time	Examination locations
Jan. 7, 2020	Special subject (oral examination)	Start at 10 am (Examination time may be changed.)	Nakamozu campus building B11, C17

Refer to the details of the examination will post at the entrance of building B11 at 9am on the day of the examination. In the case of change, we will notice by separate information.

Spare day

Jan. 8, 2020	Due to unexpected circumstances such as natural disasters, the above examination is postponed on the day that is designated.
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## 9. Announcement of Examination Results

Time and date of announcement:

**[For admission in Sep. or Oct. 2019]:**

Examination at Oversea: 13:00 of Jul. 1, 2019

Examination inside Japan: 13:00 of Sep. 2, 2019

**[For admission in Apr. 2020]:**

Examination at Oversea: 13:00 of Dec. 2, 2019

Examination inside Japan: 13:00 of Jan. 21, 2020

- The assigned numbers of the successful applicants will be posted on the bulletin board at the front entrance to Building A3. In addition, we will notify every successful applicant of the results of the entrance examination by postal mail.
- The assigned numbers of the successful applicants will also be listed on the website of this University in Japanese.
- Do not contact us directly for the results of your entrance examination; we cannot provide the results individually.

## 10. Enrollment Procedures

(1) Date of Enrollment

**[For admission in Sep. or Oct. 2019]:** Sep. 26, 2019

**Note:** Date of enrollment of those who meet application qualification during Sep. 26 to 30, 2019 will be Oct. 1, 2019.

**[For admission in Apr. 2020]:** Apr. 1, 2020

(2) Enrollment Procedures

You must take the enrollment procedures during the following period:

**[For admission in Sep. or Oct. 2019]:**

Examination at Oversea: Early Jul., 2019

Examination inside Japan: Sep. 12–13, 2019

**[For admission in Apr. 2020]:**

Examination at Oversea: Early Dec., 2019

Examination inside Japan: Mar. 26–27, 2020



Application procedures will be accepted 9:30–12:00 and 13:00–15:00.

Details regarding procedures will be sent to successful applicants.

For those who have not completed the admission procedures it will be considered that their admission has been cancelled. Please be sure to bring the admissions procedure documents. Documents sent by mail will not be accepted. Admission procedures can be done by proxy.

## 11. Enrollment Fee and Tuition Fee

### (1) Enrollment fee

(A) ¥282,000, (B) ¥382,000

[Fees (A) and (B) are subject to change.]

- Enrollment fee (A) applies if you, your spouse, or one of your relatives of the first degree of kinship have been a resident of Osaka Prefecture more than one year: that is, a resident since the day before Sep. 26, 2018 for admission in Sep. 2019 or a resident since the day before Apr. 1, 2019 for admission in Apr. 2020.

**Note:** For those who meet applicant qualification during Sep. 26 to 30, 2019: the enrolled student who has been residing in Osaka Prefecture prior to Oct. 1, 2018.

- Enrollment fee (B) applies in all other cases.
- The enrollment fee must be paid before the enrollment procedures.
- The enrollment fee is not refundable under any circumstances.

**Note,** however, that if you are currently enrolled in the master’s program of this university and intend to enter the doctoral program, you are not required to pay the enrollment fee.

### (2) Tuition fee

¥535,800 annually (payable in two installments following enrollment)

(If the tuition fee is changed while you are enrolled in the university, you are responsible for paying the revised tuition fee.)

## 12. Regarding the Long-Term Study System

### (1) Purpose

This system is intended for students for whom it will be difficult to complete a curriculum within a standard term of study (3 years for doctoral program) owing to various circumstances such as holding down a job, and makes it possible for them to obtain a degree by taking longer than the standard term to study intentionally and complete the course.

### (2) Applicant qualification

Individuals who meet any of the following conditions may submit the “Long-term Study Permission Request” to apply for long-term study.

- (a) Applicants who have a job and work.
- (b) Applicants who have circumstances of child care, caregiving, or other responsibilities.
- (c) Applicants who have any other matters deemed necessary by our dean.

### (3) Term of study

The period of long-term study system for doctoral program students is 4-, 5-, or 6-years, which shall be approved individually.

Students who wish to shorten their period of long-term study because of the dissolution of the conditions above must submit “Reduction in the Period of Long-term Study Request” by the deadline.

### (4) Tuition fees under the long-term study system (annual amount)

The fee shall be the figure obtained by multiplying the regular annual tuition fee by the number of years corresponding to the standard term of study, and dividing that by the number of years approved for long-term study. (Should tuition fees be revised while the student is enrolled at the university, the new tuition fees shall apply to enrolled students as well.)

If a reduction in the period of long-term study has been approved, the student must make up the difference from the original tuition fee.

### (5) Period for submitting the request form

At the time of filling the application form for the entrance examination, please submit “Long-term Study Permission Request”.

### (6) Permission for long-term study

Permission for long-term study and abbreviation of the period of long-term study are determined after discussions among the faculty of the Graduate School.

### (7) Please be sure to get in touch with us if you have any questions or anything regarding long-term study to the Education Affairs Division at the Osaka Prefecture University (desk for Graduate School of Life and Environmental Sciences, Tel.: 072-254-9401/Int’l call: +81-72-254-9401).

**Note:** Applicants who wish to apply for long-term study should consult beforehand with their prospective supervising professor.

### **13. Status of residence (for those who are not Japanese nationals)**

Status of Residence under the Immigration Control and Refugee Recognition Act (hereinafter “Status of Residence”). If a person without Study Abroad Status of Residence is permitted to enter the Graduate School, they must obtain such status without delay. In addition, those who have a Status of Residence other than Study Abroad status must change it to Study Abroad. However, those who have the following Status of Residence: Permanent Residency, Fixed-term Residency, Diplomatic Residency, Spouse of a Japanese National etc. do not need to take any further action. Only those who wish to change their Status of Residence to Study Abroad status because of scholarships etc. should follow the necessary procedures.

### **14. Privacy Policy & Website Notices**

- (1) The second semester starts from Sep. 26, and the classes are open for those admitted in Oct. 1.
- (2) We will use the personal information we obtain from your application for selection purposes only; we will not use it for any other purposes. However, your results of entrance examination may be used for purposes related to education and student life.
- (3) If a natural disaster or other circumstance leads to postponement or cancellation of the entrance examination as scheduled, we will post an Emergency Notice in Japanese on the following website:  
<<https://www.osakafu-u.ac.jp/>>

### **15. Inquiries**

For additional information and clarifications, please contact the Admissions Office at the following address:

**Admissions Office,  
Osaka Prefecture University  
1-1, Gakuen-cho, Naka-ku, Sakai, Osaka, 599-8531, Japan**

## Part II. Admission Guidelines for International Applicants Doctoral Program of Veterinary Science

### 1. Allocation of Admission Spaces

Division of Veterinary Science:

Department	Capacity
Structural and Functional Biosciences for Animals:	low enrollment capacity
Veterinary Environmental Sciences:	low enrollment capacity
Veterinary Clinical Sciences:	low enrollment capacity

### 2. Qualification for Admission

[For admission in Sep. or Oct. 2019]

Those who are not Japanese nationals and fall under any of the following categories. Furthermore, as for university graduates in Japan and those expecting to graduate from universities in Japan, this applies only to those who have been granted entrance through the special selection system for foreign students and those entering through college transfers:

- (1) Those who have completed 18 years of school education (applies only to those whose final course was veterinary medicine, medical science, dentistry or pharmacology) and those who expect to complete their studies by Sep. 30, 2019.
- (2) Those who have completed a 6-year university course in veterinary medicine, medical science, dentistry and pharmacology in Japan and have graduated or those who expect to graduate by Sep. 30, 2019.
- (3) Those who have completed 18 years of school education of the relevant foreign country by taking courses offered by that foreign country through correspondence in Japan (applies only to those whose final course was veterinary medicine, medical science, dentistry or pharmacology) or those who expect to complete their studies by Sep. 30, 2019.
- (4) Those who have completed a foreign university course in Japan offered by an education facility that is positioned within the school education system in the foreign country after completing an 18-year course in the school education system in that foreign country, or those who expect to complete their studies by Sep. 30, 2019. (Applies only to those who have completed a final course in veterinary medicine, medical science, dentistry or pharmacology). The course must also be the one designated by the Minister of Education, Culture, Sports, Science and Technology.
- (5) Those who have received a Bachelor's degree or equivalent by completing a course that is longer than 5 years at a foreign university or other foreign school (\*1), or those who expect to receive the degree (\*2) by Sep. 30, 2019 (applies only to those who have completed their final course in veterinary medicine, medical science, dentistry or pharmacology).
  - \*1 The educational research activities must have been evaluated by someone who has been recognized by the government or relevant agency of the foreign country and also approved by the Minister of Education, Culture, Sports, Science and Technology as conforming to the above criteria.
  - \*2 Completing in Japan a course offered by the relevant foreign country at an education institution which is part of the school system of that foreign country which conforms to what was said above.
- (6) Those who have received a university education in a foreign country, have graduated after completing a 6-year course at a Japanese university in veterinary medicine, medical science, dentistry or pharmacology. Those who are recognized by the Graduate School as having an academic ability that is beyond that of an individual who has the above degree and are 24 years of age by Sep. 30, 2019. (Those who have graduated after completing a course that is shorter than 6 years in veterinary medicine, medical science, dentistry or pharmacology and those who after graduating have engaged in research in veterinary medicine or have engaged in other duties for over 2 years in a foreign country or in Japan).
- (7) Those who have received a degree that is the equivalent of a Japanese Master's degree in a foreign country or those who expect to receive the degree by Sep. 30, 2019. Those who have graduated after completing a 6-year course in veterinary medicine, medical science, dentistry or pharmacology at a Japanese university and those who are recognized by the Graduate School as having an academic ability that is beyond that of an individual who has the above degree and is 24 years of age by Sep. 30, 2019.
- (8) Those who are designated by the Minister of Education, Culture, Sports, Science and Technology (Notice no. 39 of the Minister of Education, Science and Culture 1955)
  - a. Those who have graduated under the former imperial system after completing a course in medical science or dentistry at the faculty of medicine or dentistry.
  - b. Those who have graduated from the National Defence Medical College established in accordance with the Defence Ministry Establishment Act.

- c. Those who have completed a Master’s degree or a course offered by a professional graduate school, and those who are able to receive a Master’s degree and have been enrolled for over 2 years in a doctoral course that is not divided into two study periods, have earned more than 30 credits, have received the necessary research guidance, have been recognized by the Graduate School as having an academic ability that is beyond that of an individual mentioned in no.1.
  - d. Those who have graduated from a university (excludes those who have completed a 6-year course in veterinary medicine, medical science, dentistry or pharmacology) after completing 16 years of school education in a foreign country, have engaged in research at a research institute for more than 2 years, have been recognized by the Graduate School as having an academic ability that is beyond that of an individual mentioned in no. 1 determined by the relevant research results.
- (9) Those who have any of the following and have been recognized by the Graduate School as having attained the relevant credits through excellent grades (so called grade skipping).
- a. Those who have been enrolled for more than 4 years at a Japanese university (applies only to those who will complete a 6-year course in veterinary medicine, medical science, dentistry or pharmacology) or those who expect to be enrolled at a university for more than 4 years by Sep. 30, 2019.
  - b. Those who have completed 16 years of school education in a foreign country (applies only to those who will complete a course that includes veterinary medicine, medical science, dentistry or pharmacology) and those who expect to complete their studies by Sep. 30, 2019.
  - c. Those who have completed in Japan 16 years of school education offered by a foreign school through correspondence (applies only to those who will complete a course that includes veterinary medicine, medical science, dentistry or pharmacology) and those who expect to finish their studies by Sep. 30, 2019.
  - d. Those who have completed a foreign university course in Japan offered by an education facility that is positioned within the school education system in the foreign country after completing a 16-year course in the school education system in that foreign country, or those who expect to complete their studies by Sep. 30, 2019. (Applies only to those who have completed courses in veterinary medicine, medical science, dentistry or pharmacology). The course must also be the one designated by the Minister of Education, Culture, Sports, Science and Technology.
- (10) Those who are recognized by the Graduate School as having graduated from a university through the qualification examination (applies only to those whose final course was veterinary medicine, medical science, dentistry or pharmacology) and those who have an academic ability equal to or beyond that of a university graduate and are also 24 years of age by Sep. 30, 2019.
- (11) Those who are recognized by the Graduate School as having graduated from a university through the qualification examination (applies only to those whose final course was veterinary medicine, medical science, dentistry or pharmacology) and those who have an academic ability equal to or beyond that of a university graduate.

**[For admission in April 2020]**

The same conditions above, but the date “Sep. 30, 2019” should be replaced with “Mar. 31, 2020”.

**Note:**

Any applicant who meets the above condition (6), (7), (8) c, d, (9), (10) or (11) must first follow the procedure for qualification as specified in “6. Qualification Screening.”

### **3. Examination at Oversea**

For the convenience of applicants living outside Japan, we recognize to use Internet service for audiovisual communication (such as “Skype®”) from your country. It is required prior examination if applicants wish to take examination at overseas. Please contact Admissions Office to get more details.

### **4. Application Submission Period**

**[For admission in Sep. or Oct. 2019]:**

Examination at Oversea: May 29–31, 2019  
 Examination inside Japan: Jul. 23–25, 2019

**[For admission in Apr. 2020]:**

Examination at Oversea: Oct. 29–31, 2019  
 Examination inside Japan: Dec. 9–11, 2019

**Notes:**

- (a) Admissions Office in Nakamozu campus is open 10:00–12:00 and 13:00–15:00.

- (b) Please submit materials either by post or by bringing them to the Admissions Office directly. Materials submitted by post must arrive during the reception period.
- (c) You are recommended to consult with your prospective supervisor before submitting your application.

## 5. Application Procedure

1	Application for admission etc.	
	Application for Admission	Use the form specified by the Graduate School of Life and Environmental Sciences.
	Entrance Examination Card	Make sure all the items are filled in.
	Photo Card	Paste the Photo (4cm×3cm) taken within 3 months.
	Sheet to affix the postal transfer payment receipt of the examination fee	Affix the postal transfer payment receipt on the enclosed sheet to be submitted with the application. Your application will be rejected if the examination fee has not been paid by the deadline or if the postal transfer payment receipt is not presented along with your application documents or if no post office date of payment is stamped on the receipt.
2	Examination fee	<p>¥ 30,000</p> <p><u>At a post office counter</u>, please pay the fee using the postal transfer payment slip provided by Osaka Prefecture University from one week before the deadline of your written application until the deadline date.</p> <p>NOTE: Payment cannot be made by cash or with a postal money order. Payment cannot be made by ATM (automatic teller machine) remittance.</p> <p><b>Remittance From Overseas to Japan</b> In the case of payment from overseas, it is different method for international remittance of Examination Fee above; please contact Admissions Office in advance.</p>
3	Certificate of graduation (completion) or prospective certificate (documents certifying eligibility for application)	Documents certified by the last university attended by the applicant stating that the applicant has received the degree or expects to receive the degree.
4	Academic transcript	Transcripts certified by the last university attended by the applicant, including the number of credits and grades of subjects taken.
5	Letter of recommendation	Letter of recommendation written by the president or principal of your most recent academic institution or your academic supervisor at your most recent academic institution.
6	Applicant's Background and Curriculum Vitae	Use the form specified by the Graduate School of Life and Environmental Sciences.
7	Copy of residence card	Please submit photocopies of both sides of residence card. Overseas residents must submit a photocopy of their passport (page with photo).
8	Return envelope (applicants by mail only)	If you are applying from Japan, please enclose a self-addressed envelope with ¥404 postage attached.

### Notes:

- (a) When sending application materials by post, please be sure to send them as registered mail (express delivery), with "Application for Admission to the Graduate School of Life and Environmental Sciences Enclosed" written in red ink on the envelope.
- (b) Original copies of the above certificates are required for application. Copies will not be accepted.
- (c) Incomplete applications may not be accepted.
- (d) Changes to the matters stated will not be accepted after the application procedure.
- (e) Individuals who have completed the application procedure will be provided with an "Entrance Examination Card" and "Rules to Observe When Taking Examinations".
- (f) If the applicant is disabled, or if for any other reason the applicant wishes to request any consideration during the entrance exam or after enrollment, please contact the Admissions Office.

- (g) Examination fees will not be returned except under the following circumstances:
- You wish to withdraw your application to Osaka Prefecture University.
  - Your application documents and other items are rejected because they are incomplete or insufficient.
  - You have inadvertently made a double payment of the entrance examination fee.
- NOTE: Should any of the above applies, you should submit a refund request to the Admissions Office of Osaka Prefecture University no later than one month after the application deadline.

## 6. Qualification Screening

If you meet conditions (6), (7), (8) c, d, (9), (10) or (11) described in “2. Qualification for Admission,” submit the following documents to obtain qualification before submitting your application: You are required to inform your prospective supervisor of your application before submitting your documents.

- (1) Documents to be submitted
- Applicant’s Background and Curriculum Vitae (Use the form specified by the Graduate School of Life and Environmental Sciences.)
  - Certificate of graduation (completion)
  - Academic Transcripts
  - Research Background (Use the form specified by the Graduate School of Life and Environmental Sciences.)
- (2) Submission Date
- [For admission in Sep. or Oct. 2019]:**  
 Examination at Oversea: May 8–10, 2019  
 Examination inside Japan: Jul. 1–3, 2019
- [For admission in Apr. 2020]:**  
 Examination at Oversea: Oct. 9–11, 2019  
 Examination inside Japan: Nov. 11–13, 2019

**Notes:** (a) Admissions Office in Nakamozu campus is open 10:00–12:00 and 13:00–15:00.  
 (b) When sending application materials by post, please be sure to send them as registered mail (express delivery). All materials must arrive during the reception period.  
 Please write “Qualification Screening Materials for Application to the Graduate School of Life and Environmental Sciences Enclosed” in red ink on the envelope.

- (3) To be submitted to  
 Admissions Office in Nakamozu campus.
- (4) Result of the application qualification screening  
 The results of the qualification screening will be sent out by mail.

**Note:** If you are asked to submit other documents, please provide them immediately.

## 7. Applicant Selection Method

### Academic achievement examination:

You must take an oral examination to evaluate your level of academic achievement mainly in your field of specialization.

After considering the results of the academic achievement examination and documents, we will determine whether you will be admitted to our graduate school.

## 8. Examination Date and Location

**[For admission in Sep. or Oct. 2019]:**

- (1) Examination at Oversea  
 Using Internet service for audiovisual communication from your country.

Examination date	Examination subjects	Examination locations
The time will be designated in Jun. 18, 2019 If there are exceptional circumstances, the applicant may be admitted to take examination in Jun. 17 or 19, 2019	Special subject (oral examination) by Internet service	Rinku campus and the institution or facilities where applicant belongs.

(2) Examination inside Japan

Examination date	Examination subjects	Examination time	Examination locations
Aug. 20, 2019	Special subject (oral examination)	Start at 1 pm (Examination time may be changed.)	Rinku campus

The location of examination rooms and any other details will be posted at the main gate at Rinku campus. Each of the time of oral examination will inform separately.

Spare day

Aug. 21, 2019	Due to unexpected circumstances such as natural disasters, the above examination is postponed on the day that is designated.		
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**[For admission in Apr. 2020]:**

(1) Examination at Oversea

Using Internet service for audiovisual communication from your country.

Examination date	Examination subjects	Examination locations
The time will be designated in Nov. 19, 2019  If there are exceptional circumstances, the applicant may be admitted to take examination in Nov. 18 or 20, 2019	Special subject (oral examination) by Internet service	Rinku campus and the institution or facilities where applicant belongs.

(2) Examination inside Japan

Examination date	Examination subjects	Examination time	Examination locations
Jan. 7, 2020	Special subject (oral examination)	Start at 1 pm (Examination time may be changed.)	Rinku campus

The location of examination rooms and any other details will be posted at the main gate at Rinku campus. Each of the time of oral examination will inform separately.

Spare day

Jan. 8, 2020	Due to unexpected circumstances such as natural disasters, the above examination is postponed on the day that is designated.		
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## 9. Announcement of Examination Results

Time and date of announcement:

**[For admission in Sep. or Oct. 2019]:**

Examination at Oversea: 13:00 of Jul. 1, 2019

Examination inside Japan: 13:00 of Sep. 2, 2019

**[For admission in Apr. 2020]:**

Examination at Oversea: 13:00 of Dec. 2, 2019

Examination inside Japan: 13:00 of Jan. 21, 2020

- The assigned numbers of the successful applicants will be posted on the bulletin board at the front entrance to Building A3 (Nakamozu campus). In addition, we will notify every successful applicant of the results of the entrance examination by postal mail.
- The assigned numbers of the successful applicants will also be listed on the website of this University in Japanese.
- Do not contact us directly for the results of your entrance examination; we cannot provide the results individually.

## 10. Enrollment Procedures

(1) Date of Enrollment

**[For admission in Sep. or Oct. 2019]:** Sep. 26, 2019

**Note:** Date of enrollment of those who meet application qualification during Sep. 26 to 30, 2019 will be Oct. 1, 2019.

**[For admission in Apr. 2020]:** Apr. 1, 2020

(2) Enrollment Procedures

You must take the enrollment procedures in Nakamozu campus during the following period:

**[For admission in Sep. or Oct. 2019]:**

Examination at Oversea: Early Jul., 2019

Examination inside Japan: Sep. 12–13, 2019

**[For admission in Apr. 2020]:**

Examination at Oversea: Early Dec., 2019

Examination inside Japan: Mar. 26–27, 2020

Application procedures will be accepted 9:30–12:00 and 13:00–15:00.

Details regarding procedures will be sent to successful applicants.

For those who have not completed the admission procedures it will be considered that their admission has been cancelled. Please be sure to bring the admissions procedure documents. Documents sent by mail will not be accepted. Admission procedures can be done by proxy.

## 11. Enrollment Fee and Tuition Fee

(1) Enrollment fee

(A) ¥282,000, (B) ¥382,000

[Fees (A) and (B) are subject to change.]

- Enrollment fee (A) applies if you, your spouse, or one of your relatives of the first degree of kinship have been a resident of Osaka Prefecture more than one year: that is, a resident since the day before Sep. 26, 2018 for admission in Sep. 2019 or a resident since the day before Apr. 1, 2019 for admission in Apr. 2020.

**Note:** For those who meet applicant qualification during Sep. 26 to 30, 2019: the enrolled student who has been residing in Osaka Prefecture prior to Oct. 1, 2018.

- Enrollment fee (B) applies in all other cases.
- The enrollment fee must be paid before the enrollment procedures.
- The enrollment fee is not refundable under any circumstances.

(2) Tuition fee

¥535,800 annually (payable in two installments following enrollment)

(If the tuition fee is changed while you are enrolled in the university, you are responsible for paying the revised tuition fee.)

## 12. Regarding the Long-Term Study System

(1) Purpose

This system is intended for students for whom it will be difficult to complete a curriculum within a standard term of study (4 years for doctoral program of Veterinary Science) owing to various circumstances such as holding down a job, and makes it possible for them to obtain a degree by taking longer than the standard term to study intentionally and complete the course.

(2) Applicant qualification

Individuals who meet any of the following conditions may submit the “Long-term Study Permission Request” to apply for long-term study.

- (a) Applicants who have a job and work.
- (b) Applicants who have circumstances of child care, caregiving, or other responsibilities.
- (c) Applicants who have any other matters deemed necessary by our dean.

(3) Term of study

The period of long-term study system for doctoral program of Veterinary Science students is 5-, 6-, 7-, or 8-years, which shall be approved individually.

Students who wish to shorten their period of long-term study because of the dissolution of the conditions above must submit “Reduction in the Period of Long-term Study Request” by the deadline.

(4) Tuition fees under the long-term study system (annual amount)

The fee shall be the figure obtained by multiplying the regular annual tuition fee by the number of years corresponding to the standard term of study, and dividing that by the number of years approved for



long-term study. (Should tuition fees be revised while the student is enrolled at the university, the new tuition fees shall apply to enrolled students as well.)

If a reduction in the period of long-term study has been approved, the student must make up the difference from the original tuition fee.

- (5) Period for submitting the request form  
At the time of filling the application form for the entrance examination, please submit “Long-term Study Permission Request”.
- (6) Permission for long-term study  
Permission for long-term study and abbreviation of the period of long-term study are determined after discussions among the faculty of the Graduate School.
- (7) Please be sure to get in touch with us if you have any questions or anything regarding long-term study to the Education Affairs Division at the Osaka Prefecture University (desk for Graduate School of Life and Environmental Sciences, Tel.: 072-254-9401/Int’l call: +81-72-254-9401).

**Note:** Applicants who wish to apply for long-term study should consult beforehand with their prospective supervising professor.

### **13. Status of residence (for those who are not Japanese nationals)**

Status of Residence under the Immigration Control and Refugee Recognition Act (hereinafter “Status of Residence”). If a person without Study Abroad Status of Residence is permitted to enter the Graduate School, they must obtain such status without delay. In addition, those who have a Status of Residence other than Study Abroad status must change it to Study Abroad. However, those who have the following Status of Residence: Permanent Residency, Fixed-term Residency, Diplomatic Residency, Spouse of a Japanese National etc. do not need to take any further action. Only those who wish to change their Status of Residence to Study Abroad status because of scholarships etc. should follow the necessary procedures.

### **14. Privacy Policy & Website Notices**

- (1) The second semester starts from Sep. 26, and the classes are open for those admitted in Oct. 1.
- (2) We will use the personal information we obtain from your application for selection purposes only; we will not use it for any other purposes. However, your results of entrance examination may be used for purposes related to education and student life.
- (3) If a natural disaster or other circumstance leads to postponement or cancellation of the entrance examination as scheduled, we will post an Emergency Notice in Japanese on the following website:  
<<https://www.osakafu-u.ac.jp/>>

### **15. Inquiries**

For additional information and clarifications, please contact the Admissions Office at the following address:

**Admissions Office,  
Osaka Prefecture University  
1-1, Gakuen-cho, Naka-ku, Sakai, Osaka, 599-8531, Japan**

For detailed information on the entrance examinations,  
visit the website of Osaka Prefecture University.

This website will also list the assigned numbers of applicants who have passed the entrance examinations. (In Japanese)

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Website of Osaka Prefecture University  
(Information on entrance examinations)  
<<https://www.osakafu-u.ac.jp/admission/>>  
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# Outline of the Graduate School of Life and Environmental Sciences

## 【Division of Applied Life Sciences】

The Division of Applied Life Sciences aims to research various functions and life processes occurring among animals, plants, and microorganisms by fully utilizing bioscience and biotechnology techniques. Our objective is to develop applied technologies through collaboration and competition in various domains of advanced life sciences. To achieve this objective, this division carries out education and research related to the bioscience of animals, plants, and microorganisms in order to develop useful resources and to develop talented researchers who will make further contributions to the development of new biotechnologies.

(As of January 1, 2019)

### < Group for Examination: A >

Status	Name	Research and Education Fields
Professor	AKIYAMA Kohki	Chemical identification and functional analysis of signalling molecules involved in the development of mycorrhizal symbiosis
Professor	INUI Takashi	Drug delivery system by transporter protein, Enzymes for the biosynthesis of nucleic acids in parasite, Identification of allergen proteins
Professor	KASAI Naoya	Food material chemistry, Enzymatic processing for food material and the application
Professor	KATAOKA Michihiko	Screening and application of microbial enzymes to the production of useful compounds
Professor	KAWAGUCHI Takashi	Screening and utilization of microbial functions, Molecular genetics of microorganisms
Professor	SAKAMOTO Tatsuji	Functional analysis of microbial polysaccharidases, Biotechnological utilization of plant biomass
Professor	TANIMORI Shinji	Organic and Bioorganic Chemistry, Chemical Biology, Organometallic Chemistry, Heterocyclic Chemistry
Professor	YAMAJI Ryoichi	Nuclear receptor signal in molecular nutrition, Functional food factors and skeletal muscle
Associate Professor	AKAGAWA Mitsugu	Food biochemistry, Oxidative modification of biomolecules, Regulation of oxidative stress by functional foods
Associate Professor	FUJIEDA Nobutaka	Creation of enzymes, pepzymes, and nanozymes
Associate Professor	ISHIBASHI Osamu	Non-coding (nc) RNAs and ncRNA-associated proteins, Bone metabolism, Reproductive endocrinology
Associate Professor	KISHIDA Masao	Analysis of available yeast strains which bred by gene-activation mutagenesis and cell fusion
Associate Professor	SONODA Motohiro	Designing of Bioactive Compounds, Synthetic Bioorganic Chemistry, Chemical Structure-activity Relationship
Associate Professor	SUMITANI Jun-ichi	Functional improvements of carbohydrate hydrolases and diagnostic Enzymes from microorganisms, Regulatory mechanisms of their genes
Associate Professor	TANI Shuji	Fungal genetics, Gene regulation, Polysaccharide-degrading enzymes
Associate Professor	UEDA Mitsuhiro	Biomass, Biological waste treatment, Bioenergy, Biotransformation, Bioremediation
Lecturer	HARADA Naoki	Metabolic diseases, Androgen signaling, Molecular nutrition
Lecturer	KAI Kenji	Bioactive natural products chemistry, Chemical communication among microbes
Assistant Professor	HIBINO Takeshi	Kinetics & Protein Engineering (especially of Adenylate kinase), Enzyme Chemistry, Biophysics
Assistant Professor	MIURA Natsuko	Enzyme evolution, Molecular basis of microbial metabolic regulation under stress
Assistant Professor	NAKAZAWA Masami	Biochemistry and gene manipulation of <i>Euglena gracilis</i>
Assistant Professor	NISHIMURA Shigenori	Kinetic study and structure biology of amylase and related enzymes

< Group for Examination: B >

Status	Name	Research and Education Fields
Professor	AOKI Koh	Functional genomics of vegetable crops. Cell-to-cell communication in the co-construction of junction tissues between the parasitic plants and their hosts.
Professor	IMAHORI Yoshihiro	Metabolic regulation on fruit and vegetables, Hypoxic stress, Cold stress, Ascorbate metabolism
Professor	KOIZUMI Nozomu	Plant molecular breeding, Metabolic engineering, Regulation of gene expression in plants, Risk communication of GMO
Professor	OHTA Daisaku	Cytochromes P450, Metabolomics Molecular Biology, Molecular Genetics, Biochemistry
Professor	SUGIMOTO Kenji	Multicolor live cell imaging of mitotic cell division of mammalian cell-line; Molecular and Cellular Biology
Professor	TAKANO Junpei	Nutrient transport in plants, Intracellular trafficking of transporters
Professor	TOJO Motoaki	Plant pathology, Crop protection, Taxonomy and epidemiology of oomycetes plant pathogens
Professor	YOKOI Shuji	Plant Breeding, Characterization of phase change in plants
Associate Professor	INADA Noriko	Molecular mechanisms of plant and pathogenic microbe interactions
Associate Professor	IWATA Yuji	RNA-mediated regulation of gene expression and its application in plants
Associate Professor	MISHIBA Kei-ichiro	Genetic engineering of ornamental plants, Mechanisms of transgene silencing in higher plants
Associate Professor	OGATA Yoshiyuki	Bioinformatics and its application to plant genomics and metabolomics
Associate Professor	OHE Masamichi	Stable, high yielding and safe cultivation methods of paddy rice, Food crop science, crop physiology and crop ecology
Associate Professor	OKAZAWA Atsushi	Chemical control of parasitic weeds, Metabolic engineering of useful plant specialized metabolites, Plant-plant interaction
Associate Professor	SHIOZAKI Shuji	Pomology, Chemical regulation of fruits development and quality, Development of bioactive compounds in fruits, Propagation of wild Grapes
Associate Professor	YAMAGUCHI Yube	Defense response against biotic and abiotic stress in crops, and its impact on food production
Lecturer	FURUKAWA Hajime	Studies on plant physiology using gene expression analysis
Lecturer	MATSUMURA Atsushi	The role of soil microbial nutrient cycle in crop production
Lecturer	MOCHIZUKI Tomofumi	Histochemical study of plant viral pathogenesis
Lecturer	OGAWA Takumi	Molecular plant-microbe interactions, Metabolomics
Lecturer	TEZUKA Takahiro	Plant breeding, Analysis of reproductive isolation (especially hybrid lethality) observed in wide hybridization, Development of DNA markers
Lecturer	WADA Teruo	Vegetable crop sciences, Hydroponics, Soilless culture, Plant factory
Assistant Professor	FUKADA Takashi	Molecular cell biology of mammalian cells, mainly on their response to mechanical stimuli and role of cytoskeletal structures
Assistant Professor	YANASE Masanori	Plant breeding and propagation

## 【Division of Environmental Sciences and Technology】

The Division of Environmental Sciences and Technology serves research, focusing on ecological, physical and engineering methodologies for the purpose of contributing to sustainable development of urban areas, development of a recycling-oriented society, and conservation of biodiversity. This division equips researchers with high-level expertise and research abilities related to environmental sciences through the following techniques:

1. Technological development and implementation of techniques for measuring, diagnosing, and evaluating interactions among elements of the natural environment (atmosphere, water, soil, and life) and human activities, and for control and management of the environment
2. Technological development and implementation of landscape planning, landscape management, ecological design, conservation ecology, vegetation restoration, and social science to conserve and construct healthy urban environments and green spaces.

(As of January 1, 2019)

### < Group for Examination: C >

Status	Name	Research and Education Fields
Professor	FUJIWARA Nobuo	Revegetation technology, Mitigation, Waterfront restoration, Cultural landscape, Global warming
Professor	HORINO Haruhiko	Hydrological cycle, Multi-functional roles of agricultural production system, Sustainable management of water environment
Professor	KAGA Hiroyuki	Landscape planning and design, Environmental planning, Open space management by citizen
Professor	KAMIHOGI Akiharu	Landscape management, Ecological planning, Natural environmental education
Professor	KITAYA Yoshiaki	Conservation of natural ecosystems, Bio-regenerative life support systems, Sustainable agriculture systems
Professor	YAMADA Hiroyuki	Urban climate, Micrometeorology, Thermal environment, Urban greenery
Associate Professor	AONO Yasuyuki	Urban climatology, Heat budget analysis, Satellite remote sensing, Climatic analysis of plant phenology
Associate Professor	HIRAI Hiroaki	Development of plant production and management technique
Associate Professor	HIRAI Norio	Animal ecology, Biological interaction, Biodiversity, Life history of insects
Associate Professor	IMANISHI Junichi	Landscape management, Development of regions based on nature, history and culture
Associate Professor	KIMATA Takashi	Environmental geotechnology, Material science and engineering, Soil mechanical testing, Numerical analysis
Associate Professor	NAKAGIRI Takao	Conservation of water resources and the environment, Hydrological cycle, Hydrology, Basin water management
Associate Professor	NAKAMURA Akihiro	Revegetation, Biodiversity, Environmental effects, Forest management
Associate Professor	NISHIURA Yoshifumi	Systematization and robotization for environment-conscious bioproduction, Bioinstrumentation and control engineering, Phytotechnology
Associate Professor	SHIBUYA Toshio	Plant-environment interactions, Responses of plants to environmental stresses, Controlled-environment horticulture
Associate Professor	TAKEDA Shigeaki	Landscape planning and design, Residential environmental planning, New town revitalization
Associate Professor	TANIGAWA Torahiko	Conservation of global water resource and the environment, Subsurface irrigation, Soil
Associate Professor	UEYAMA Masahito	Meteorological observation, Remote sensing, Micrometeorology, CO <sub>2</sub> gas exchange, Ecosystem modeling
Lecturer	ENDO Ryosuke	Biomass utilization in plant production for sustainable agriculture, Non-destructive imaging analysis for evaluation of plant responses
Assistant Professor	KUDO Yosuke	Landscape of structures, Multifunctionality, Performance-based design, Maintenance for infrastructures
Assistant Professor	SAKURAI Shinji	Substance behavior in the water-soil-plant systems, Hydrological cycle, Management of water quality, Environmental conservation in basin water

Assistant Professor	UEDA Moeko	Vegetation landscape, Coastal open space, Local culture, Historic greenery
Assistant Professor	UEDA Shouhei	Evolutionary biology, Molecular phylogenetics, Conservation biology, Coevolution, biological interaction
Assistant Professor	URADE Toshikazu	Economic evaluation of environmental resources, Rural resources management, Multifunctionality, Green-tourizm

## 【Division of Veterinary Science】

Veterinary science is a comprehensive discipline focused on the understanding, prevention and treatment of animal diseases. Within this field, many issues are present that are highly relevant to the health and welfare of both humans and animals in society. These include: 1) The increasing sophistication of animal medical and surgical care, 2) The threat of zoonoses due to the growing international movement of animals, humans and livestock products, 3) The improvement of livestock production through biotechnology, 4) The development of novel medical and surgical approaches to disease and 5) The safety evaluation of pharmaceuticals and foods.

The Division of Veterinary Science aims to produce graduate veterinarians who are: 1) Specialists capable of applying veterinary perspectives, understanding and techniques in the domain of applied animal science, 2) Specialists in the diagnosis, treatment and public health aspects of animal diseases and 3) Capable of demonstrating innovative leadership in biomedical fields related to animal and human health.

(As of January 1, 2019)

### < Department of Structural and Functional Biosciences for Animals >

#### Laboratory of Integrated Structural Biosciences

Status	Name	Research and Education Fields
Professor	OGAWA Kazushige	Cytoarchitecture and organization in various tissues and organs: especially on the roles of Eph receptor tyrosine kinases and ephrin ligands
Professor	OKADA Toshiya	Development of the kidney, Behavioral analysis of Mongolian gerbil
Professor	YAMATE Jyoji	Pathogenesis of wound, hepatic and renal fibrosis, Functions of macrophages and myofibroblasts, Establishment of rat tumor models <i>in vivo</i> and <i>in vitro</i>
Associate Professor	IZAWA Takeshi	Analysis of expression profiles of cytokines and humoral factors and pathogenesis in intractable diseases
Associate Professor	KUWAMURA Mitsuru	Pathological studies on spontaneous animal diseases and animal models for neurological disorders
Associate Professor	NAKAJIMA Takayuki	Brain ischemia, Ischemic tolerance, Neuronal cell death
Assistant Professor	KONDO Tomohiro	Genetic analysis of mouse cataract model

#### Laboratory of Integrated Functional Biosciences

Status	Name	Research and Education Fields
Professor	KOMORI Masayuki	Molecular cell biology and biochemistry, Molecular mechanism on peroxisome homeostasis in eukaryotic cells
Professor	NAKAMURA Yoichi	Function of glial cells and their regulatory mechanism in central nervous system
Professor	TAKEUCHI Tadayoshi	Physiology and pathophysiology of gastrointestinal motility and various smooth muscle function, Veterinary pharmacology
Associate Professor	AZUMA Yasu-Taka	Inflammatory bowel disease and gut immunology, Pharmacology
Associate Professor	KATAHIRA Jun	Molecular mechanism of nuclear RNA export
Associate Professor	MORIYAMA Mitsuaki	Veterinary physiology, Amino acid metabolism
Associate Professor	NAKAJIMA Hidemitsu	Molecular mechanisms underlying neuronal cell death and drug discovery, Neuropharmacology
Associate Professor	TAKANO Katsura	Regulation mechanism of glial function, Microglia and astrocytes, Neurodegenerative disorders

< Department of Veterinary Environmental Sciences >

Laboratory of Bioenvironmental Sciences

Status	Name	Research and Education Fields
Professor	MIYAKE Masami	Veterinary public health, Molecular bacteriology, Bacterial pathogenesis, Host responses to bacterial pathogens
Professor	WATARAI Shinobu	Veterinary immunology, Animal infectious diseases
Associate Professor	MATSUZAWA Takeshi	Innate immunity against intracellular bacteria
Associate Professor	NISHIMURA Kazuhiko	Toxicology, Risk evaluation to health using fecal contents, Interaction between African trypanosomes and hosts
Associate Professor	YASUGI Mayo	Veterinary public health, Molecular bacteriology, Bacterial pathogenesis, Host responses to bacterial pathogens
Assistant Professor	IWASAKI Tadashi	Veterinary immunology, Animal infectious diseases
Assistant Professor	NAKAGAWA Hiroshi	Toxicology, Roles of ER-localized trimeric G proteins in COP II vesicle transport, Role of Sar1 protein in COP II vesicle formation

Laboratory of Infection Diseases Control

Status	Name	Research and Education Fields
Professor	MUKAMOTO Masafumi	Veterinary epidemiology, Veterinary hygiene, Molecular mechanisms on the infection of microorganisms, Functional mechanisms of pathogenic factors
Professor	YAMASAKI Shinji	Food microbiology, Molecular epidemiology, Antimicrobial resistance, Molecular pathogenesis, Molecular diagnosis
Associate Professor	HINENOYA Atsushi	Food microbiology, Molecular epidemiology, Antimicrobial resistance, Molecular pathogenesis, Molecular diagnosis
Associate Professor	MATSUBAYASHI Makoto	Veterinary parasitology, Genetical epidemiological analysis for parasites, Molecular pathogenesis of protozoan diseases
Associate Professor	SETO Yoshiyuki	Veterinary microbiology, Molecular epidemiological analysis for microbial infections
Associate Professor	TAJIMA Tomoko	Veterinary microbiology, Viral infection
Assistant Professor	KOHDA Tomoko	Veterinary hygiene, Bacterial toxin

< Department of Veterinary Clinical Sciences >

Laboratory of Advanced Pathobiology

Status	Name	Research and Education Fields
Professor	KAWATE Noritoshi	Theriogenology, Reproductive endocrinology in domestic animals and its clinical application
Professor	SUGIURA Kikuya	Dog, Hematopoiesis, Hematopoietic stem cell, Hematologic disease, Dendritic cell, Cancer immunotherapy
Professor	TAMADA Hiromichi	Theriogenology, Regulatory mechanism controlling animal reproduction, Artificial control of animal reproduction
Associate Professor	HATOYA Shingo	Embryonic stem cell, Regenerative veterinary medicine, In vitro fertilization
Associate Professor	MATSUYAMA Satoshi	Molecular diagnosis of animal tumor-related genes, DNA damages and the genetic consequences, Base excision repair systems in mammalian cells
Associate Professor	NOGUCHI Shunsuke	Radiotherapy, molecular targeting therapy and surgical therapy in cancer animals

Laboratory of Advanced Clinical Medicine

Status	Name	Research and Education Fields
Professor	AKIYOSHI Hideo	Veterinary oncology, Veterinary soft tissue surgery, Veterinary clinical medicine
Professor	HASEGAWA Takashi	Veterinary ophthalmology, Veterinary otology, Veterinary neurosurgery, Veterinary orthopedics, Veterinary surgery
Professor	SASAI Kazumi	Dermatology, Zoonosis ( <i>Cryptosporidium</i> , <i>Giardia</i> ), Veterinary parasitology ( <i>Eimeria</i> , <i>Isospora</i> ), Monoclonal antibody establishment, Diagnosis of pathogenic bacteria ( <i>Salmonella</i> , <i>E. coli</i> )
Professor	SHIMADA Terumasa	Immunological diagnosis and therapy in cancer animals
Associate Professor	FUJIMOTO Yuka	Metabolism, Veterinary diagnostic imaging, Veterinary surgery
Associate Professor	FURUYA Masaru	Advanced diagnosis and therapy of small animal dermatosis and tumor
Associate Professor	NISHIDA Hidetaka	Veterinary Surgery, Veterinary Neurology, Regenerative medicine
Associate Professor	SIMAMURA Shunsuke	The diagnosis and treatment of cardiovascular diseases
Associate Professor	TANI Hiroyuki	Dermatology, Endocrinology, Blood-borne parasites infection, Zoonosis
Assistant Professor	MIE Keiichiro	Veterinary surgery, Inflammation, Immune response