

**Graduate School of Frontier Biosciences  
Osaka University**

# **Guidelines for Applicants**

**[3rd year Transfer]**

**April 2024 Admission**



**Graduate School of  
Frontier Biosciences**  
Osaka University

**Graduate School of Frontier Biosciences, Osaka University**

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This Guideline for Applicants is a translation from the original and shall not be regarded as official documentation. The English text has been provided merely as a reference. Please note that any official rules are based solely on the Japanese text.

## Examination and Selection Policy

Applicants will be selected based on an oral examination about master's thesis, equivalent research paper, or research that the applicant hopes to carry out in Graduate School of Frontier Biosciences (hereinafter called "FBS") and evaluation of English proficiency score.

- The oral examination is to assess your knowledge of the field and your level of understanding. It does not require comprehensive knowledge, which is generally valued for written examinations.
- English proficiency will be assessed using your TOEFL, TOEIC or IELTS score. Please note that we cannot accept applications from applicants whose score does not meet the minimum thresholds given below:

Examination	Score
TOEFL iBT	57
TOEIC Listening & Reading Test	550
IELTS (Academic Module)	6

## Standard Duration of Course and Eligibility to Graduate

### ◆ Standard Duration

The standard duration of the course is three years. You may not be enrolled for a cumulative period of more than five years. However, the period of enrollment does not include periods when you are on a leave of absence (up to a maximum of three years).

### ◆ Completion Criteria

In order to be awarded a Ph.D., you must have been enrolled for at least three years (up to five years), have acquired 10 credits or more in required subjects and having received the requisite research supervision, passed the final examination. A path to expedited graduation from the PhD course is open to those who have an outstanding research record. You may select the title of the degree in Japanese from “生命機能学”, “工学”, “理学” and “学術”. The title of degree in English is “Doctor of Philosophy” only.

## Guidelines for Applicants

### 1. Number to be admitted (Transfer to the 3rd year of the Doctoral Program)

Major areas	Field of research	Number to be admitted
Frontier Biosciences	Nanobiology Biomolecular Networks Integrated Biology Organismal Biosystems Neuroscience Biophysical Dynamics Biomedical Engineering	A few

### 2. Application Criteria

Those who fulfill one of the following criteria may apply:

- (1) Those who have been awarded (or expect to be awarded by March 31, 2024) a master's degree or professional qualification within Japan.
- (2) Those who have been awarded (or expect to be awarded by March 31, 2024) a master's degree or a degree equivalent to a professional qualification outside of Japan.
- (3) Those who have taken a course from an international school via distance learning while in Japan and awarded (or expect to be awarded by March 31, 2024) a master's degree or a degree equivalent to a professional qualification.
- (4) Those who have been awarded (or expect to be awarded by March 31, 2024) a master's degree or a degree equivalent to a professional qualification from an overseas academic institution while in Japan. This foreign academic institution must be recognized by the education system of the said foreign country as one that has a graduate program and has been approved by the Minister of Education, Culture, Sports, Science and Technology.
- (5) Those who have completed at the United Nations University and have been awarded (or expect to be awarded by March 31, 2024) a qualification equivalent to a master's degree.
- (6) Those who have academic skills equivalent to a master's degree (or expect to reach such a level by March 31, 2024) as a result of having completed a course at a recognized overseas academic institution, a recognized academic institution (as outlined in (4) above) or the United Nations University. Such applicants must also have passed an examination and screening that meet the standards set out in Article 16.2 of the Graduate School Establishment Criteria.
- (7) Those approved by the Minister of Education, Culture, Sports, Science and Technology (Ministry of Education Notice 118, 1 September 1989)
  - ① Those who have engaged in research for at least two years at a university or research institute or those who are expected to be engaged in research for at least two years by March 31, 2024, after graduating from a Japanese university and whose achievements in this field of study indicate that they have achieved an academic level equivalent to a master's degree.
  - ② Those who have completed sixteen years of school education overseas, or completed sixteen years of school education offered under an overseas education system after taking classes at an international school via distance education while in Japan, before proceeding to engage in research for at least two years by March 31, 2024 at a university or research institution and whose achievements in their field of study indicate that they have achieved an academic level equivalent to a master's degree.
- (8) Those who, having been screened individually by this Graduate School, are assessed to have

achieved an academic level commensurate with a master's degree or a professional qualification and are at least twenty-four years of age as of March 31, 2024.

\*Those who have graduated from a six-year course in medicine, dentistry, pharmacy, or veterinary science fall under category (8).

### 3. Qualifying Review (only when applicable)

- (1) Applicants who wish to apply using “2. **Application criteria, (7) or (8)**” will be screened individually before their application. Only those who have been approved through this screening may apply.

Qualifying review	
Application period	November 20, 2023 (Mon.) ~ November 24, 2023 (Fri.)
Results announcement*	December 15, 2023 (Fri.)

\*Results will be notified by express registered post. We cannot accept inquiries by telephone.

- How to apply:

#### Application from Japan

Write “Application for Qualifying Review Enclosed” on the front of a *Kakugata 2 Gou* (240mm×332mm) envelope. Use simple registered mail to ensure that it arrives within the application period.

#### Application from overseas

Use a delivery service with tracking such as EMS or DHL and ensure that it arrives by 5:00 p.m. on May 26, 2023 (Fri).

- Submit to:

FBS Educational Affairs Section  
Graduate School of Frontier Biosciences, Osaka University  
1-3 Yamadaoka, Suita, Osaka 565-0871, Japan

- (2) Documents required for an application for qualifying review

Application materials	Instructions
Application for Qualifying Review	Fill out all details on the forms provided.
Curriculum Vitae for Qualifying Review	
Record of Research Achievements	
Statement of Purpose	

Certificate of Graduation / Completion Academic Transcript(s)	<ul style="list-style-type: none"> <li>• Certificate of graduation/completion (including expected graduation/completion) and transcripts from the last school attended.</li> <li>• Official academic transcript issued by your academic institution in a sealed envelope (English or Japanese). If your transcript is printed on security paper, there is no need to enclose it in a sealed envelope.</li> <li>• If you have graduated or expect to graduate from multiple universities/graduate schools, please provide an academic transcript from each.</li> <li>• If you transferred to a university from another academic institution, please also provide an academic transcript from that academic institution. (This applies even if you transferred without graduating from your previous academic institution.)</li> </ul>
Envelope for notification of results *Only for residents in Japan	Write your name, address, and postal code on a <i>Nagagata 3 Gou</i> (120mm×235mm) envelope and <u>affix stamps worth 674JPY</u> for express simple registered postal delivery.

\*Those who wish to apply using “**2. Application criteria, (7)**” must submit a separate certificate showing that the applicant has been or expect to be engaged in research for at least two years at a university or research institute.

#### 4. Application Procedures

##### (1) Application period

Application period	Examination fee payment period
January 9, 2024 (Tue.) ~ 5:00 p.m. on January 15, 2024 (Mon.)	January 2, 2024 (Tue.) ~ 3:00 p.m. on January 15, 2024 (Mon.)

- How to apply:

Application from Japan

Write “*Application form for the entrance examination (3<sup>rd</sup>-year transfer) enclosed*” on the front of a *Kakugata 2 Gou* (240mm×332mm) envelope. Use simple registered mail to ensure that it arrives within the application period. However, even if it arrives after the deadline, if it is sent by express simple registered mail with a Japanese postmark on or before January 11, 2024 (Thu.), we will still accept it. Also, if you wish to submit the documents directly, please prepare the necessary documents and hand them in during the application period from 9:00 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m. at the FBS Educational Affairs Section. (Excluding Saturdays, Sundays, and national holidays).

Application from overseas

Please use a delivery service with tracking such as EMS or DHL and ensure that it arrives by 5:00 p.m. on June 23, 2023.

- Submit to:

FBS Educational Affairs Section  
Graduate School of Frontier Biosciences, Osaka University  
1-3 Yamadaoka, Suita, Osaka 565-0871, Japan

(2) Application Materials

\*Documents marked with “\*” are NOT necessary for applicants who passed a qualifying review.

Application materials	Instructions
Application form	Fill out the form with your name and other details.
Proof of entrance examination fee payment	<p>Pay the 30,000JPY examination fee following the instructions under <b>5. Examination fee payment</b> (a system fee will be charged separately). After the payment, proof of payment (pdf) will be provided. Please print it on A4 paper and submit it.</p> <p>*If you are enrolling as a MEXT scholarship recipient, or if you are due to complete a master’s course at Osaka University in March 2024, please note you are exempted from this fee.</p> <p>*Regarding examination fee exemptions for victims of a large-scale disaster, please refer to 5. Examination fee payment.</p>
* Record of research achievements	Fill out the form with your name and other details.
* Statement of purpose	Fill out the form with your name and purpose for applying.
*Academic Transcript(s) (Undergraduate and graduate)	<ul style="list-style-type: none"> <li>• Submit your official academic transcript issued by your academic institution in a sealed envelope (English or Japanese). If your transcript is printed on security paper, there is no need to enclose it in a sealed envelope.</li> <li>• If you have graduated or expect to graduate from multiple universities/graduate schools, please provide an academic transcript from each.</li> <li>• If you transferred to the university from another academic institution, please also provide an academic transcript from that academic institution (this applies even if you transferred without graduating from your previous academic institution).</li> <li>• Those who have graduated from a technical junior college should provide academic records for both the main curriculum (<i>honka</i>) and specialized curriculum (<i>senkōka</i>).</li> </ul>
*Certificate of completion (or expected completion)	<ul style="list-style-type: none"> <li>• Issued and sealed with the name of the head of the education institution. If printed on security paper, a seal is not necessary.</li> <li>• If you have graduated from or completed a course at an overseas university and your degree title is not on the certificate, you must submit a separate certificate detailing your degree title.</li> </ul>
<ul style="list-style-type: none"> <li>• Master’s thesis (or equivalent)</li> <li>• Abstract (one A4 page)</li> </ul>	<p>Submit one copy of a master’s thesis to be presented in the oral examination, and its abstract (one A4 page).</p> <ul style="list-style-type: none"> <li>✓ <u>If you have no master’s thesis but have an equivalent thesis, submit that with its abstract (one A4 page)</u></li> <li>✓ If the thesis is written in a language other than Japanese or English, submit a summary in English (about 5 pages of A4).</li> <li>✓ If your thesis is incomplete, submit a summary of your work so far (within one A4 page) with its abstract.</li> <li>✓ If you have no master’s thesis, submit a research proposal outlining what you would like to research at FBS (within one page of A4).</li> </ul>
Certificate of English ability	Submit one certificate of English ability (a TOEIC Listening & Reading Test Official Score Certificate, a TOEFL Test Taker Score Report, or

	<p>an IELTS Test Report Form).</p> <p>Publicly released scores of any test conducted between December 1, 2021, and November 30, 2023, are acceptable. Please consider this when taking tests.</p> <p><u>Application from Japan</u></p> <p>Submit the <u>original certificate and its copy (printed on A4 paper)</u>. After checking, we will return the original certificate to you by postal mail together with your examination admission card. However, when you submit the original certificate only, we will not return it to you.</p> <p><u>Application from overseas</u></p> <p>Submit the <u>original certificate</u>. In principle, we will not return it to you.</p> <p>&lt;&lt;Important Notes&gt;&gt;</p> <ul style="list-style-type: none"> <li>· The following certificate ① to ③ CANNOT be accepted. <ul style="list-style-type: none"> <li>① TOEIC: TOEIC-IP, TOEIC Speaking &amp; Writing Test, TOEIC Speaking Test, TOEIC Bridge Test</li> <li>② TOEFL: ITP Test</li> <li>③ IELTS: General Training Module</li> </ul> </li> <li>· When submitting a TOEFL score, do not submit the “TOEFL Official Score Report”, but submit the “<u>Test Taker Score Report</u>” or “<u>Examinee Score Report</u>”. However, if applying with the results of a TOEFL taken in a country or region where a “Test Taker Score Report” or “Examinee Score Report” is not issued, please consult the FBS Educational Affairs section <u>during the application period for the qualifying review</u>. “MyBest scores” cannot be accepted.</li> <li>· If you are applying from an educational institution where English is the main language, in some circumstances, you may be exempt from submitting a certificate of English ability. Please consult the FBS Educational Affairs Section <u>by December 20, 2023 (Wed.)</u>.</li> </ul>
Copy of residence card or passport *If applicable	If you are not a Japanese citizen, you must submit a copy of your residence card (front and back) so that we can confirm the status of your residence, your length of stay, and your current address in Japan. If you do not yet have a residence in Japan, submit a copy of your passport.
Contact details seal *Only for residents in Japan	Fill out the form with your name and other details.
Examination admission card Examination photo card	Complete the form provided, not forgetting your name. Attach a front-facing photo (width 3 cm x height 4 cm) of your head and shoulders, wearing no hat, taken within three months of the application date.
Envelope (for sending examination admission card) *Only for residents in Japan	Write your name, address, and postal code on a <i>Nagagata 3 Gou</i> (120mm×235mm) envelope and <u>affix stamps worth 354JPY</u> for express delivery.
MEXT Scholarship recipient certificate *If applicable	Submit this if you are a MEXT scholarship recipient. You are exempt from the examination fee.
Research plan for current employees	Submit this if you are applying to enroll while remaining employed by a company etc.
Essay (in English or Japanese)	Those applying for 10. Tuition Fee Exemption for International Honors Students should circle "Yes" at the bottom of the reverse side of the application form and submit an essay on the theme: “What do you consider “fascinating science?”” Your essay should be no more than 2 A4-sized pages, single-spaced.

(3) Important notes about the application

① **Be sure to contact your prospective supervisor and obtain informal acceptance before applying.**

(Staff may retire or transfer partway through your studies. Please confirm with your prospective supervisor whether you will be able to continue to be supervised during your enrollment.)

**For (Expected) Graduates of Overseas Universities**

Osaka University Admissions Assistance Desk (hereinafter called "AAD") helps you make the first contact with your prospective supervisor to obtain informal acceptance. FBS highly recommend you apply to AAD BEFORE contacting your prospective supervisor directly.

**STEP 1. Apply to AAD online (<https://www.osaka-u.ac.jp/en/international/inbound/dragongate>)**

- First, download the "Guideline" from the above link. Read it carefully before starting the online application.
- AAD process takes approximately 3 weeks. Therefore, please leave enough time to prepare your application to FBS. If the deadline for FBS admission application is close, please notify AAD office. However, they might not be able to accommodate your request.

**STEP 2. Result notification from AAD**

- AAD will notify you if your prospective supervisor approved the "direct contact" from you or not.
- Even if the "direct contact" is approved, it does not mean that you obtained informal acceptance from your prospective supervisor.

**STEP 3. Contact your prospective supervisor to obtain informal acceptance by email**

- You are NOT YET accepted to the FBS doctoral program at this point. You must go through the admission process at FBS.

**STEP 4. Apply for admission to FBS doctoral program**

- After you have obtained informal acceptance from your prospective supervisor, go through the admission process at FBS following this guideline.

For any inquiries about AAD, contact AAD office at [contact@ryumon.osaka-u.ac.jp](mailto:contact@ryumon.osaka-u.ac.jp)

- ② If you wish to enroll while still employed, discuss your research plan with your prospective supervisor well in advance. Also, when enrolling, submit a separate "permission to enroll" form filled out by the head of the company or organization where you are employed. Please understand in advance that you must study/research under the same conditions as the other students and that the doctoral degree cannot be awarded based on the results from joint research, etc. conducted at companies, etc. (A letter of confirmation on this matter must be submitted at the time of the enrollment procedure.)
- ③ If the name on any of your certificates is different from your current name for reasons such as marriage, attach official documentation of your change of name.
- ④ Fill in all materials using a black ballpoint pen. Please do not use pencil or erasable ink.
- ⑤ If any application materials are not fully completed, we may refuse your application.
- ⑥ After accepting your application, we will not allow you to replace any documents or change anything written on them. Furthermore, we will not return any documents. The examination fee is non-refundable except in the following cases:
- the application documents are not submitted or are not accepted
  - a double payment of the examination fee was submitted/received by mistake
- ⑦ If you have a disability or would like to make a special request regarding examinations or study, please contact the FBS Educational Affairs Section by December 20, 2023 (Wed.).



## 5. Examination fee payment

The payment process for the entrance examination fee is as follows. For details on preparation and payment methods, please refer to the Application Fee Payment System "Introduction."

### **STEP1. Preparation**

Prepare a computer and printer connected to internet.

### **STEP2. Access the Examination Fee Payment System**

Please access the following URL to visit the website of the Examination Fee Payment System.

(URL) <http://e-apply.jp/n/osaka-u-payment>

### **STEP3. Register Applicant's Information**

Make sure to confirm procedures and notes on the above site and enter the required information:

- ① School, Division Type
- ② Applicant's Information (Name, address, etc.)
- ③ Application is completed.  
Make sure to write down the receipt number (12 digits).  
This number is required to confirm and print your application later.
- ④ Payment Methods
  - Convenience stores
  - ATMs of Post offices or Banks
  - Online banking
  - Credit cards
- ⑤ The Receipt of Examination fee Payment
  - Overseas residents can only pay by credit card and/or applicable online banking services. Payment cannot be made at convenience stores outside Japan.
  - Please note that if you choose to pay via credit card, payment will be completed at the same time you register your personal information.
  - A confirmation email will be sent to you after your application is completed. If you restrict email receptions, please change the setting to receive emails from the sender (@e-apply.jp). Please note that there may be a case the email goes to junk mail folder.
  - No corrections and/or changes can be made after your application is completed. Make sure that your application contents are all correct. However, if you have not yet paid, you may make corrections by re-registering with the correct information.
  - If you select "Convenience store" or "ATMs of Post offices or Banks" as the payment method, a number (the number of digits will vary from store to store; some stores may provide both a customer number and a confirmation number) will be displayed after making your selection. This(ese) number(s) is(are) required for payment, so be sure to write them down. Please pay at a convenience store or a post office/bank ATM within the payment deadline.

### **STEP4. Pay the examination fee**

The deadline for the payment is four days after application (including the application date).

Note: If payment is not made before the deadline, your application will be automatically cancelled. Also, be aware that this payment period is shorter for those who applied just before the application deadline.

1. Paying with a credit card The payment can be completed during the online application.  
You can select and pay during the online application.  
【Credit cards available for the payment】  
VISA, Master, JCB, AMERICAN EXPRESS, MUFG, DC, UFJ, NICOS
2. Paying by internet banking The payment can be completed online.  
After your online application is registered, the page will shift to the site of the bank you chose. Make the payment as instructed on the screen.  
\*Required your bank account is registered for internet banking.
3. Paying at convenience stores  
Write down the number displayed after your online application is registered and pay at any one of the following convenience stores:

<b>Seven Eleven</b>	<ol style="list-style-type: none"> <li>1. Please tell the cashier, "make an Internet payment."</li> <li>2. Please say "payment slip number (13 digits)" and pay in cash, with NANACO or using a credit card. *</li> <li>3. Make sure that you receive "a receipt" and "a ticket (one)".</li> <li>4. You may keep "the receipt", and it is not necessary to submit it to us.</li> </ol>
<b>Lawson, Mini Stop (Loppi)</b>	<ol style="list-style-type: none"> <li>1. Click "those who have a specified number"</li> <li>2. Enter the "customer number (11 digits)" and click "next"</li> <li>3. Click "multi-payment service" (payment)</li> <li>4. Enter the "confirmation number (6 digits)", then click "next"</li> <li>5. Check the displayed information and click "checked"</li> <li>6. Take the receipt printed out of the terminal and make a cash payment at the cashier within 30 minutes. *</li> <li>7. Make sure that you receive "specification of payment (receipt)".</li> <li>8. You may keep "specification of payment", and it is not necessary to submit it to us.</li> </ol>
<b>FamilyMart (multi-functional copy machine)</b>	<ol style="list-style-type: none"> <li>1. Click "payment/charge"</li> <li>2. Click "multi-payment service" (payment)</li> <li>3. Enter the "customer number (11 digits)" and click "next"</li> <li>4. Enter the "confirmation number (6 digits)", then click "next"</li> <li>5. Check the displayed information and click "checked"</li> <li>6. Take the receipt printed out of the terminal and make a cash payment at the cashier within 30 minutes. *</li> <li>7. Make sure that you receive "specification of payment (receipt)".</li> <li>8. You may keep "specification of payment", and it is not necessary to submit it to us.</li> </ol>
<b>Daily Yamazaki</b>	<ol style="list-style-type: none"> <li>1. Please tell the cashier, "make an Internet payment."</li> <li>2. Please say "online settlement number (11 digits)" to make a cash payment. *</li> <li>3. Make sure that you receive "a receipt".</li> <li>4. You may keep "the receipt", and it is not necessary to submit it to us.</li> </ol>
<b>SeicoMart</b>	<ol style="list-style-type: none"> <li>1. Please tell the cashier, "make an Internet payment."</li> <li>2. Please say "online settlement number (11 digits)" to make a cash payment. *</li> <li>3. Make sure that you receive "specification of payment (receipt)".</li> <li>4. You may keep "specification of payment", and it is not necessary to submit it to us.</li> </ol>

#### 4. Paying at ATMs with a Pay-easy option

Write down the number displayed after your online application is registered and pay at any one of the ATMs with Pay-easy option as instructed on the screen.

\*Banks with Pay-easy option can be checked on the [Selection of Payment Method] page.

<b>Paying at ATMs of post offices/banks</b>	<ol style="list-style-type: none"> <li>1. Click "Pay tax/charge"</li> <li>2. Enter the "receiving company number (58021)," then click "checked".</li> <li>3. Enter the "customer number (11 digits)", then click "checked".</li> <li>4. Enter the "confirmation number (6 digits)", then click "checked".</li> <li>5. Check the displayed information and click "checked".</li> <li>6. Make a payment in cash or with a cash card. *</li> <li>7. Make sure that you receive "specification of payment".</li> <li>8. You may keep "specification of payment", and it is not necessary to submit it.</li> </ol>
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\*When using Japan Post Bank / Bank ATM, if the amount exceeds 100,000 yen in cash, please pay with a cash card. If you use a convenience store, you can pay up to 300,000 yen in cash. Enter all necessary information as instructed on the screen of the terminal or ATM. Please verify all information before finalizing the payment.

### **STEP5. Print out the Receipt of Application Fee Payment**

After the payment is completed, print the documents on A4 size paper and send the Receipt of Application Fee Payment with your other documents within the application period.

- \* Please refer to the application guidelines for the mailing address, deadline, and required documents.
- \* After your application is accepted, your screening fee and application documents will not be returned except for special circumstances.
- \* Osaka University refuses to answer any questions whether the application documents have reached us or not. Please confirm the delivery status by yourself by checking the website of the mail service company, etc.

### **Payment completed**

Caution regarding application and payment

- To complete your application, you must send the required application documents along with the “Proof of Entrance Examination Fee Payment” to FBS by post by the due date. Application is not completed only by registering your information on the system.
- Payments can be made at any time of day. Business hours may vary depending on where you make your payment (convenience store, ATM, etc.).
- Be sure to give yourself plenty of time to prepare and send in your application.

#### **● Exemption of Application Fee for the Victims of Natural Disasters**

In order to reduce financial burden and provide educational opportunities to prospective students affected by natural disasters, Osaka University will take the following special measure, namely exemption of the entrance examination fees payment.

\*Note: Non-regular students such as credited auditors are not eligible for this exemption.

Please visit the website of Osaka University (<https://www.osaka-u.ac.jp/ja/admissions/information>) for more details. In this case, the Application Fee Payment System cannot be used. Please contact FBS Educational Affairs Section and follow the instruction.

#### **● Refund of Examination Fee**

Application fees are not refundable except in the following cases.

- (a) In case the applicant did not submit the application documents, or the application documents were not accepted.
- (b) In case the applicant made a duplicate payment by mistake.

### **<Inquiries regarding the payment system>**

Learning and Education Application Service Support Center (Operating company: Disco Inc.)

email: [cvs-web@disc.co.jp](mailto:cvs-web@disc.co.jp)

\* They cannot answer questions regarding entrance exams and/or universities.

## 6. Selection process

Successful applicants will be selected based on the oral examination described below and their application materials.

### (1) Dates and times for oral examinations

Date	Time	Exam subject
January 31, 2024 (Wed.)	From 10:00 onwards (TBA)	Oral examination

### (2) Oral examination method

You will give a presentation on your master's thesis or equivalent thesis/research results, using PowerPoint or similar presentation software. This will be followed by a Q&A session and an interview.

- The examination consists of 7 minutes presentation and 13 minutes Q&A.
- If you have no written thesis or research results, we will ask you to explain, as specifically as possible, the research you hope to carry out in FBS, including its purpose, importance, methodology and principles, potential application, value to society and experiments which you would like to attempt in the near future (methodology, value, applications, etc.).

### (3) Examination Venue

2nd floor of the BioSystems Building, Graduate School of Frontier Biosciences, Osaka University (Suita Campus)
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<<Note>>

Important notes about the examination and a simple campus map will be enclosed to your examination admission card which will be sent out to you by the middle of January 2024. If you have not received your card by January 24, 2024 (Wed.), please contact the FBS Educational Affairs Section ([seimei-daigakuin@office.osaka-u.ac.jp](mailto:seimei-daigakuin@office.osaka-u.ac.jp)).

#### Applicants from overseas

If you are not able to attend the examination on-site due to living outside of Japan, you may take the exam online (Zoom, etc.). In this case, circle "Yes" at the bottom of the reverse side of the application form. In this case, the examination admission card and important notes about the examination will be sent by email.

## 7. Announcement of successful applicants

Examinee numbers of successful applicants will be published on the FBS website (<https://www.fbs.osaka-u.ac.jp>) at 10:00 a.m. on February 16, 2024 (Fri.). Successful applicants will also be sent a Notification of Acceptance by mail. We will NOT take inquiries about examination results by email, phone, etc.

(We may cancel or delay posting examinee numbers of successful applicants on our website in cases of system failure or other unavoidable circumstances. Please note that posting examinee numbers of successful applications on the website is for informational purposes only. For official acceptance, please refer to the notification of acceptance to be mailed to each successful applicant.)

## 8. Enrollment procedure

Enrollment Procedure Guide will be enclosed to the above Notification of Acceptance. Please complete the enrollment procedure following the guide. (a more detailed explanation will be given in the guide).

If you do not complete the enrollment procedure within the period specified below, you will be assumed to have withdrawn your enrollment.

(1) Period of enrollment procedures: February 20, 2024 (Tue.) to March 1, 2024 (Fri.)

(2) Fees to be paid (as of September 1, 2023)

Enrollment fee: 282,000JPY

Tuition fee: 267,900JPY per semester (535,800JPY per year)

\*The above fees are tentative, and you may be charged a revised fee while enrolled.

\*An enrollment fee is not required for those who expect to complete the master's Course at Osaka University in March 2024 and will continue studying at the Doctoral level.

(3) Enrollment date: April 1, 2024

(4) Start of classes: Early April 2024 (Guidance for newly enrolled students is planned)

## 9. About the Admissions Assistance Desk

Please refer to the "4 (3) Important information about application".

## 10. Tuition Fee Exemption for International Honors Students

Osaka University has a tuition fee exemption system (Tuition Fee Exemption for International Honors Students) for privately-funded international students who are of excellent academic standing in the graduate school entrance examinations. The aim of this system is to further strengthen research capabilities and promote the acceptance of international students. This entrance examination is subject to the Tuition Fee Exemption for International Honors Students. Successful applicants for this program/course qualify for the tuition fee exemption under this system.

Privately-funded international students (excluding those who are receiving tuition support from private scholarships, MEXT scholarship students, or those who are supported by foreign governments) who wish to apply and whose status of residence will be "Student" at the time the waiver would be applied should circle "Yes" at the bottom of the reverse side of the application form and submit one copy of an essay on the theme: "What do you consider 'fascinating science?'" (no more than 2 pages of A4 paper written in either Japanese or English, single-spaced). After being screened by FBS, successful candidates will be notified individually.

Privately-funded international students applying for this program who have (or expect to) graduated from an overseas university (excluding those who have already been enrolled as research students, etc. in OU) are required to get approval to contact a prospective supervisor by applying to the Admissions Assistance Desk (see Section 9) before making contact.

## 11. Disclosure of Entrance Examination Results

The following individual results will be disclosed upon request from applicants.

○ Individual's overall grade (oral examination) \*Your rank is not disclosed

Applicants may request their individual results by sending the necessary documents to the FBS Educational Affairs Section by post. For the detail, please contact FBS Educational Affairs Section (seimei-daigakuin@office.osaka-u.ac.jp).

Request period: March 1 (Fri.) to March 15, 2024 (Fri.)

## **12. Personal Information Protection Policy**

- (1) Names, addresses, and other personal information provided through the application procedure will be used in the screening (application and examination), announcement of the successful applicants, and admission procedures. For those admitted to Osaka University, personal information will also be used in academic-related matters (such as keeping academic and registration records), in student support matters (such as health care management, scholarship applications, career support, etc.), and in tuition fee management.
- (2) Personal data such as test scores, etc. are used for compiling and analyzing data about examination results, researching and studying methods for screening and supporting students (scholarship, etc.).
- (3) Personal information obtained through (1) and (2) can be also used for improving the screening process and education or for university administration (surveys and analyzing or project planning). However, the achievement will not be disclosed in a manner in which an individual can be distinguished.
- (4) When carrying out (1), (2), and (3) above, part of the procedure may be entrusted to third parties. In such a case, after concluding a contract with the third party to ensure that personal information is handled properly, we will provide the party with all or part of the personal information submitted to us.

## **13. Other**

- (1) If any false information regarding background, qualifications, etc. on an application is discovered, approval for enrollment may be revoked.
- (2) In the event of unexpected circumstances (natural disasters, nationwide spread of infectious diseases, etc.), the examination procedure, etc. may be changed.  
If there are any changes, we will announce them on our website or when the examination card is sent. In some cases, the entrance examination may be postponed, so please be sure to check the website, etc.

# List of laboratories accepting graduate students at FBS

[This list is current at the time of creating an application guideline and is subject to change]

## 1. Full-time / Specially appointed Faculties

(As of October 1, 2023)

Research Group	Name of faculty	Laboratory
Nanobiology Laboratories	Prof. Akihiko ISHIJIMA* Prof. Masahiro UEDA	Laboratory of Nano Biophysics Laboratory of Single Molecule Biology
Biomolecular Networks Laboratories	Prof. Seiji TAKASHIMA Prof. Tatsuro FUKAGAWA Prof. Makoto TACHIBANA Prof. Tetsuro HIROSE A/Prof. Koji OKAMOTO	Department of Medical Biochemistry Laboratory of Chromosome Biology Laboratory of Epigenome Dynamics RNA Biofunction Laboratory Laboratory of Mitochondrial Dynamics
Integrated Biology Laboratories	Prof. Shigeru KONDO* Prof. Tamotsu YOSHIMORI* Prof. Toshie KAI Prof. Fumiyo IKEDA A/Prof. Ritsuko MORITA	Laboratory of Pattern Formation Laboratory of Intracellular Membrane Dynamics Laboratory of Germline Biology Group Ubiquitin biology laboratory Laboratory for Stem Cell Homeostasis
Organismal Biosystems Laboratories	Prof. Masaru ISHII Prof. Hiroshi SASAKI* Prof. Takashi NAGASAWA*  Prof. Noriyuki TSUMAKI	Laboratory of Immunology and Cell Biology Laboratory for Embryogenesis Laboratory of Stem Cell Biology and developmental Immunology Laboratory of Tissue Biochemistry
Neuroscience Laboratories	Prof. Takeshi YAGI* Prof. Shigeru KITAZAWA* Prof. Shinji NISHIMOTO Prof. Takeo HORIE	kokoro-Biology Group Dynamic Brain Network Laboratory Perceptual and Cognitive Neuroscience Laboratory Laboratory for Single-cell Neurobiology
Biophysical Dynamics Laboratories	Prof. Takashi KURAHASHI* Prof. Yasushi INOUE Prof. Shinichi KIMURA	Nano Physiology & Neuroscience Nano Biophotonics Group Photophysics Laboratory
Biomedical Engineering Laboratories (affiliates)	Prof. Nobuyuki TAKAKURA* Prof. Eiji HARA Prof. Atsushi NAKAGAWA* Prof. Shunichi KURODA*	Department of Signal Transduction Department of Molecular Microbiology Laboratory of Supra Molecular Crystallography Department of Biomolecular Science and Reaction

## 2. Adjunct Faculties

Organization	Name of Faculty	Laboratory
Graduate School of Human Sciences	Prof. Yasunobu YASOSHIMA	Behavioral Physiology
Graduate School of Science	Prof. Kenji MATSUNO* Prof. Katsumi IMADA Prof. Chikashi OBUSE	Laboratory of Cell Biology Laboratory of Macromolecular Structure Laboratory of Genome Structure and Function
Graduate School of Medicine	Prof. Akihiro HARADA Prof. Toshihide YAMASHITA Prof. Yasushi OKAMURA* Prof. Yoshikatsu KANAI* Prof. Kazuyo MORO Prof. Yukio KAWAHARA Prof. Iichiro SHIMOMURA Prof. Katsuhiko HAYASHI	Department of Cell Biology Department of Molecular Neurosciences Integrative Physiology Bio-system Pharmacology Laboratory for Innate Immune Systems RNA Biology & Neuroscience Metabolic Medicine, Department of Internal Medicine Department of Germline Genetics
Graduate School of Dentistry	Prof. Kenji NODA	Center for Frontier Oral Science/Molecular Medicine
Graduate School of Pharmaceutical Science	Prof. Tsuyoshi INOUE	Structure and Function Analysis of Biomolecules
Graduate School of Engineering Science	Prof. Shinji SAKAI	Biochemical Materials Engineering Science
United Graduate School of Child Development	Prof. Makoto SATO*	Department of Anatomy and Neuroscience
RIMD (Research Institute for Microbial Diseases)	Prof. Yasuhiko Horiguchi* Prof. Masahiro YAMAMOTO Prof. Sho YAMASAKI Prof. Tohru ISHITANI Prof. Tetsuya IIDA* Prof. Shiroh IWANAGA Prof. Takeshi KOBAYASHI Prof. Tokiko WATANABE	Department of Molecular Bacteriology Immunoparasitology Molecular Immunology Department of Cellular and Molecular Biology Department of Infection Metagenomics Department of Molecular Protozoology Department of Virology Department of Molecular Virology
CiDER (Center for Infectious Disease Education and Research)	S.A. Prof. Tarou KINOSHITA* Prof. Wataru ISE	Department of Intractable Disease Research
SANKEN (The Institute of Scientific and Industrial research)	Prof. Takeharu NAGAI Prof. Masaki TANIGUCHI	Department of Biomolecular Science and Engineering Department of Bio-Nanotechnology



Organization	Name of Faculty	Laboratory
IPR (Institute for Protein Research)	Prof. Junichi TAKAGI* Prof. Takayuki KATO Prof. Takahisa FURUKAWA Prof. Takatoshi HIKIDA	Laboratory of Protein Synthesis and Expression Laboratory of CryoEM Structural Biology Laboratory of molecular and Developmental Biology Laboratory for Advanced Brain Functions
CAMaD (Center for Advanced Modalities and DDS)	S.A. Prof. Shizuo AKIRA*	Laboratory of Host Defense
IFReC (Immunology Research Frontier Center)	S.A. Prof. Tadamitsu KISHIMOTO* S.A. Prof. Shimon SAKAGUCHI* S.A. Prof. Tomohiro KUROSAKI* S.A. Prof. Shigekazu NAGATA* Prof. Kazuhiro SUZUKI	Laboratory of Immune Regulation Laboratory of Experimental Immunology Laboratory of Lymphocyte Differentiation Laboratory of Biochemistry & Immunology Laboratory of Immune Response Dynamics
CEALAS (Center for education in Liberal Arts and Science)	Prof. Satoshi SHIMEGI	Laboratory of Brain Information Science in Sports
Institute for Advanced Co-Creation Studies	Prof. Keiichiro SUZUKI*	Genome engineering / Genome editing
Graduate School of Information Science and Technology	Prof. Tamami NAKANO	Multimedia Engineering / Cognitive Neuroinformatics

### 3. Faculties at the Cooperated Institutes

Organization	Name of faculty	Research Field
NIBIOHN (National Institutes of Biomedical Innovation, Health and Nutrition)	Guest Prof. Kenji MIZUGUCHI	Protein Function and Bioinformatics
RIKEN BDR (Center for Biosystems Dynamics Research)	Guest Prof. Makoto TAJI Guest Prof. Yasushi OKADA	Systems Science of Biological Dynamics
RIKEN BDR (Center for Biosystems Dynamics Research)	Guest Prof. Yu-Chiun WANG Guest Prof. Tatsuo SHIBATA	Developmental Biology
CiNet (Center for Information and Neural Networks)	Guest Prof. Takafumi SUZUKI Guest Prof. Masahiko HARUNO	Brain-machine Interface Technology Computational Social Neuroscience

Faculty members whose names are marked with an asterisk (\*) at the end of their names are scheduled to retire or to have their employment expire within five years from the time of admission. Continuous guidance may not be available from the time of admission until the completion. Therefore, please be sure to confirm this directly with the prospective supervisor. Please also confirm in the same way if you wish to be assigned to a cooperative course.