

Doctoral Degree Programs Conducted in English Graduate School of Engineering, The University of Osaka

[Enrollment in April 2027]

< **For Current GSE Students** >

**For Students who will complete a master's degree in one
of the following programs in March 2027**

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https://www.eng.osaka-u.ac.jp/en/entrance/f_admissions/

Industrial Biotechnology Global Leadership Program Based on Advanced Science and Technology

1. Program Summary

The aim of this program is to expose young scientists to state-of-the-art research techniques and in-depth knowledge of advanced biotechnology, chemistry, physics and bioengineering, so that they may harness the potential of biotechnology applicable to Japanese industries as well as academia.

2. Requirements for the Completion of the Course and Obtaining the Degree

(1) Requirements for completion of the course:

Enrolment for the prescribed period and completion of the followings.

- completion of Seminar on Frontier Research Proposal to acquire two compulsory credits
- completion of Courses of Frontier Biotechnology Exercises and Frontier Biotechnology Seminars to acquire a minimum of four credits
- completion of Special Research and successful defense of doctoral dissertation
- passing of the final examination of the program.
- Improving Japanese skill is also required during the course.

For details, see the course handbook distributed at the time of enrolment.

(2) Degree: Doctor of Philosophy in Engineering

3. Admission Quota

A few

4. Program Website

https://www.bio.eng.osaka-u.ac.jp/gh_resour_prog/index.html

International Priority Graduate Program on Applied and Engineering Physics

1. Program Summary

The objective of this program is to equip a new generation of young scientists with fundamental knowledge and cutting-edge research skills in Applied and Engineering Physics. By elucidating the fundamental physical, chemical and biological properties of materials, and designing materials with novel functions, we open a new way to the development of nano-technology, photon technology, and biomedical engineering. We also aim to develop and produce international collaboration through the creation of an intellectual human resources network. Furthermore, by utilizing interdisciplinary organizations and international networks, we contribute to other socially important fields such as new industries, environment, and energy problems.

2. Requirements for the Completion of the Course and Obtaining the Degree

(1) Requirements for the completion of the course:

Enrolment for the prescribed period and completion of the followings.

- earn no less than six total academic credits
- completion of the Special Research
- defense the doctoral dissertation and passing the final examination of the course

For details, see the course handbook distributed at the time of enrolment.

(2) Degree: Doctor of Philosophy in Engineering

3. Admission Quota

A few

4. Program Website

http://www.pstap.eng.osaka-u.ac.jp/index_e.html

International Program of Materials and Manufacturing Science

1. Program Summary

The aim of this program is to educate international students to become advanced scientists or engineers of the new generation with basic knowledge and state-of-the-art research skills related to materials and manufacturing science. This program fosters advanced engineers and scientists who have a sophisticated perception of the engineering flow, from materials development to product manufacture.

2. Requirements for the Completion of Course and Obtaining the Degree

(1) Requirements for completion of the course:

Enrolment for the prescribed period and completion of the followings.

- completion of lectures and seminars corresponding to no less than 4 credits
- completion of Special Research
- submission and defense of the doctoral thesis
- passing the final examination of the course.

For details, see the course handbook distributed at the time of enrolment.

(2) Degree: Doctor of Philosophy in Engineering

3. Admission Quota

A few

4. Program Website

<http://www.mms.eng.osaka-u.ac.jp/eng/>

Global Science and Engineering Course on Electrical, Electronic and Infocommunications Engineering

1. Program Summary

The aim of this program is to educate students to become scientists or engineers of the new generation with basic knowledge and state-of-the-art research skills necessary for: electronics, ubiquitous networking, nanotechnology, and electric power/energy. Through these educational and research activities, we seek to establish a safe and secure society, and an affluent, prosperous, sustainable, and human-friendly world.

2. Requirements for the Completion of Course and Obtaining the Degree

(1) Requirements:

Enrolment for the prescribed period and completion of the followings

- completion of lectures and seminars corresponding to no less than 4 credits
- completion of Special Research
- submission and defense of the doctoral dissertation
- passing the final examination of the course.

For details, see the course handbook distributed at the time of enrolment.

(2) Degree: Doctor of Philosophy in Engineering

3. Admission Quota

A few

4. Program Website

<http://www.eei.eng.osaka-u.ac.jp/english/>

■ Procedures and General Descriptions

1. Application Requirements (The following items are common to all programs.)

(1) **Educational background:**

Those who are expected to complete one of the following master's degree programs on March 31, 2027.

- Industrial Biotechnology Global Leadership Program Based on Advanced Science and Technology
- International Priority Graduate Program on Applied and Engineering Physics
- International Program of Materials and Manufacturing Science
- Global Science and Engineering Course on Electrical, Electronic and Infocommunications Engineering

(2) **Health:**

Applicants must be physically and mentally healthy enough to pursue studies at university.

2. Application Procedure

Note:

To start the application process, every applicant **MUST** consult with a suitable supervisor and obtain his/her permission to apply. Please specify the name of supervisor you have contacted in the application form.

(1) **Application Period** . . . October 26 to October 30, 2026 3:00 p.m.(JST)

The application materials must be submitted to the Admission Section in person or by post and must arrive no later than the last day of the application period above.

(2) **Address for Submissions**

Admission Section, Student Affairs Division,
Graduate School of Engineering, The University of Osaka
U1M bldg., 1F, 2 - 1, Yamadaoka, Suita,
Osaka 565-0871, JAPAN
Tel: +81-6-6879-7228

【Office Hours】 *If you submit in person : Weekdays, 9:30 a.m. to 3:00 p.m. (excluding 11:30 a.m. ~ 12:30 p.m.)

(3) Application Materials

Materials	Details
(1) Application Form	<ul style="list-style-type: none">• Fill out the prescribed “Application for Admission” form.• A photograph (4cm×3cm) should be affixed to the first page. It should be taken within the past 3 months and should show the upper body, without a hat, in a frontal pose.
(2) Admission Ticket for an Examination and Photo Card	<ul style="list-style-type: none">• Applicant’s name must be written on the prescribed form.• Two photographs (4cm×3cm) should be affixed. It should be taken within the last 3 months and should show the upper body, without a hat, in a frontal pose. ■If the photo is unclear, the face is turned sideways, or the image has been altered, we may ask you to resubmit an appropriate photo.
(3) Copy of applicant’s Residence Card (A4 size)	<ul style="list-style-type: none">• It must show applicant’s residence status, period of stay, and current address.

Notes:

- (1) Admission Ticket for an Examination will be sent to the applicant.
- (2) **Once submitted, the application will not be returned.**

3. Selection and Announcement of the Results

- (1) Graduate School of Engineering will select matriculates from the applicants by reviewing the application materials and documents submitted by the applicants. In addition, oral examination including an interview concerning the master’s thesis and/or academic examination will be conducted from November to early December 2026.
- (2) The examinee’s number of successful applicants will be posted on the Graduate School Admissions page (the following URL) **on December 14, 2026, 2:00 p.m. (JST)**.
< http://www.eng.osaka-u.ac.jp/en/entrance/f_admissions.html >

4. Tuition

Tuition: 535,800 JPY/year

Notes:

- (1) The bank transfer fee is to be paid by the applicant.
- (2) The amount of tuition is subject to change. Amendments to fees will be applied from the date of amendment.
- (3) Tuition is waived for the MEXT Scholarship awardees.

5. Semester Starting Date

April 1, 2027

※Classes may start at a later date.

6. Notes for Applicants

- (1) Application with incomplete documents at the time of the submission deadline will not be accepted.
- (2) If any false information is found in the application documents, the application will be canceled even after it has been accepted. Furthermore, admission will be revoked even after enrolment has been granted.
- (3) **Submitted application documents will not be changed, returned, replaced or amended under any circumstances.**
- (4) Applicants who need help due to physical disabilities when taking exams and/or in taking courses of study after enrollment in UOsaka should consult the Admission Section at the following address by September 30, 2026.
We will inform you regarding the necessary procedure. UOsaka will decide arrangements based on your needs.
- (5) For any questions concerning the application procedure, please contact the Admission Section freely.
- (6) On-campus parking spaces for cars and motorcycles are not available on the day of examination. Please use public transportation instead.

7. Policy on Handling Personal Information

- (1) Names, addresses, and other personal information obtained through the application procedure will be used in the Entrance Examination Process, in the Announcement of the List of Successful Applicants, in the Admission Procedures, and in the distribution of program leaflets. For those admitted into UOsaka, 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, school fee remissions, scholarship applications, career support, etc.), and in school fee management.
- (2) Information obtained through the entrance examination will be used in statistical analysis of examination results, and in research on admission methods and in student support matters (such as scholarship application etc.).
- (3) We may outsource the part of the enrolment process to a subcontractor. In this case, we will execute a contract with the subcontractor to ensure that personal information is handled appropriately and will provide them all or part of your personal information submitted at the time of application.

8. Security Export Control

In accordance with Japan's "Foreign Exchange and Foreign Trade Act" (hereinafter referred to as the "Act"), UOsaka has established the "The University of Osaka Security Export Control Regulations" and rigorously implements security export control for the export of goods and the transfer of technology (including accepting foreigners).

Consequently, the issuance of the visa may be delayed depending on the progress of the examination process.

Please be aware that applicants who fall under any of the conditions set out in the Act may not receive permission to enroll at the university or may have their education or research restricted after their enrollment.

For more information, please refer to the website.

(Japanese) https://www.osaka-u.ac.jp/ja/research/secur_exp/outline

(English) https://www.osaka-u.ac.jp/en/research/secur_exp/outline

9. Inquiries and Further Information

Admission Section
Student Affairs Division
Graduate School of Engineering
The University of Osaka
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