

## Degree Programs Conducted in English

Osaka University, Graduate School of Engineering

offers the following Doctoral Degree programs

which are conducted in English

[Enrollment in October 2018]

For Privately Financed International Students

The Osaka University Graduate School of Engineering (GSE) offers the following special programs, which are conducted in English. Each program consists of a master's course followed by a doctoral course to be admitted by a special selection for internal applicants. However, a few students wishing to start from doctoral course level will be accepted.

Note: This quota advertised in this guideline is NOT for internal application by those who expect to complete the corresponding master's courses of the following programs in September 30, 2018. Such applicants shall follow the other guideline for internal application.

	Program descriptions	Page 1-4
1	Biotechnology Global Human Resource Development Program	Page 1
2	Chemical Science Course	Page 2
3	International Priority Graduate Program of "Quantum Engineering Design Course"	Page 3
4	International Program of Maritime and Urban Engineering	Page 4
	Procedures and general descriptions	Page 5-12

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[http://www.eng.osaka-u.ac.jp/en/entrance/g\\_admissions.html](http://www.eng.osaka-u.ac.jp/en/entrance/g_admissions.html)

## **Biotechnology Global Human Resource Development Program**

### **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: 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; N3 level of the Japanese Language Proficiency Test is required; successful defense of doctoral dissertation and passing of the final examination of the program..

(2) Degree: Doctor of Philosophy in Engineering

### **3. Admission Quota**

A few

### **4. Program Website**

[http://www.bio.eng.osaka-u.ac.jp/gh\\_resour\\_prog/index.html](http://www.bio.eng.osaka-u.ac.jp/gh_resour_prog/index.html)

## Chemical Science Course

### 1. Program Summary

The present Chemical Science Course (CSC) at the Graduate School of Engineering offers postgraduate students for the Doctoral degree covering all aspects of “Chemistry”, the center of science. “Chemistry” provides a broad spectrum of information and provides the indispensable basis that underlines our materials society, and keys for the future of society.

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

- (1) Requirements for completion of the program: completion of one compulsory course of Research Proposal Contest and elective Applied Chemistry, Adv.3 and 4 for a total of no less than six credits; satisfactory performance in the mid-term review of the Special Research; successful defense of the doctoral dissertation; and passing of the final examination of the program.
- (2) Degree: Doctor of Philosophy in Engineering

### 3. Admission Quota

A few

### 4. Program Website

<http://www.chem.eng.osaka-u.ac.jp/appl/course/>

## **International Priority Graduate Program of “Quantum Engineering Design Course”**

### **1. Program Summary**

The aim of this program is to equip the new generation of young scientists with fundamental knowledge and cutting-edge research skills to realize Quantum Engineering Design.

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

- (1) Requirements for completion of the course:
  - ① earn no less than six total academic credits
  - ② completion of the Special Research
  - ③ defense the doctoral dissertation and passing the final examination of the course
- (2) Degree: Doctor of Philosophy in Engineering

### **3. Admission Quota**

A few

### **4. Program Website**

<http://www.dyn.ap.eng.osaka-u.ac.jp/QEDC/home.html>

## International Program of Maritime and Urban Engineering

### 1. Program Summary

The aim of this program is to educate students to become young scientists of the new generation with basic knowledge and state-of-the-art research skills necessary for; disaster prevention, protection of marine and urban environments; development of new energy and energy-saving technologies; and for the realization of a synthesized scheme of space, ocean and land.

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

- (1) Requirements for completion of the course: completion of one compulsory course, with no less than four total credits; as well as Special Research; satisfactory mid-term assessment of Special Research; successful defense of doctoral dissertation.
- (2) Degree: Doctor of Philosophy in Engineering

### 3. Admission Quota

A few

### 4. Program Website

<http://maritime-urban.naoe.eng.osaka-u.ac.jp/>

## 5. Application Requirements (The following items are common to the all programs.)

- (1) Citizenship and residence status: This advertisement is for those with the “Student” residence status. Those with other residence statuses are not eligible to apply for the entrance examination. However, those who will be changing their residence status to “Student” prior to enrollment may apply.

Only for “Chemical Science Course” and “International Priority Graduate Program of Quantum Engineering Design Course”, those with Japanese nationality are eligible to apply for the examination as well.

- (2) Educational background: Applicants must fulfill one of the following qualifications:
- ① The applicant has master’s degree or a professional degree by September 30, 2018, from a Japanese university.
  - ② The applicant has completed, or is expected to complete a course of study recognized as equivalent or superior to the master course at Graduate School of Engineering, Osaka University by September 30, 2018.
  - ③ The applicant is no younger than 24 years of age as of September 30, 2018, and is recognized as possessing academic abilities equivalent to those of university graduates, by passing “the Preliminary Examination of Applicant’s Qualifications” conducted by Osaka University (See Note (2)).
- (3) Language ability: Applicants must have a good command of English. Those whose formal education has been conducted in a language other than English must submit a certificate of English proficiency. Acceptable certificates should include TOEFL, TOEIC, IELTS or CPE official test scores.
- (4) Health: Applicants must be mentally and physically healthy enough to pursue study at university.

### Notes:

- (1) Admission will be revoked if the student is not able to arrive in Japan by the designated date.
- (2) Applicants who fall under (2)-③ must take the “Preliminary Examination of Applicant’s Qualification” in advance. Such applicants must consult the Admission Section at the Student Affairs Division, October 16, 2017 for fall examination, or July 2, 2018 for summer examination. The Admission Section will announce details concerning the documents required for this procedure. Applicants will be informed of the results as soon as they are available.

## 6. Application Procedures

### Note:

Every applicant must find, well in advance, a supervisor suitable for the research field in which the applicant is interested, and contact him/her by email to confirm whether the field is adequately fitting to his/her laboratory.

#### (1) Period of Application

The application forms and other materials must be submitted to the Admission Section, Student Affairs Division, Graduate School of Engineering, Osaka University by post or by hand, to be reached strictly by the following deadline.

The entrance examination will be held twice. Applicants may apply for either one.

- ① Examination in Fall . . . **October 30 to November 2, 2017 4:00 p.m. (Japan time)**
- ② Examination in Summer . . . **July 17 to July 20, 2018 3:00 p.m. (Japan time)**

(2) Forms and Certificates to Submit

Materials	Details
(1) Application Form	<ul style="list-style-type: none"> <li>• Fill out the prescribed “Application for Admission” form.</li> <li>• A photograph (4cm×3cm) should be affixed to the first page. It should be taken within the last 3 months and should show the upper part of the body, without hat, in a frontal pose.</li> </ul>
(2) Admission Ticket for an Examination and Photo Card (Only for applicants who already reside in Japan)	<ul style="list-style-type: none"> <li>• Applicant’s name must be written on the prescribed form.</li> <li>• Two photographs (4cm×3cm) should be affixed. It should be taken within the last 3 months and should show the upper part of the body, without hat, in a frontal pose.</li> </ul>
(3) Statement of Purpose	<ul style="list-style-type: none"> <li>• A Statement of Purpose of the applicant (no more than three double-spaced, typed pages on A4 paper), stating their research proposal</li> </ul>
(4) Master’s diploma or official (expected) certificate	<ul style="list-style-type: none"> <li>• A certificate or certified true copy of certificate from the school the applicant attended. The certificate should be the original document (not a copy).</li> </ul> <p>Note: Applicants whose last schools issue graduation (completion) certificates and degree certificates in separate sheets should submit both in the original forms.</p>
(5) Certified Academic Records of Master’s Course (transcript)	<ul style="list-style-type: none"> <li>• Certified Academic Records of the school the applicant attended. The transcript should be the original document (not a copy).</li> </ul>
(6) Certificate of English proficiency	<ul style="list-style-type: none"> <li>• Attach TOEFL, TOEIC, IELTS or CPE official test scores as certification except for the cases below. The test score should be the original document (not a copy).</li> <li>- Applicants whose first language is English.</li> <li>- Applicants who have graduated from a university or a graduate school located in an English speaking country.</li> <li>- Applicants who have completed an undergraduate or graduate degree program where the language of instruction and examination was English. In this case, an official statement from the school will be required, confirming the use of English as the language of instruction and examination.</li> </ul>
(7) Letter of Recommendation	<ul style="list-style-type: none"> <li>• The letter should be addressed to <b>the President of Osaka University</b> from the academic supervisor of the university the applicant attended, the employer if the applicant works in, or the current supervisor.</li> </ul>
(8) Certificate of citizenship (A4 size paper) (Only for non- Japanese applicants)	<ul style="list-style-type: none"> <li>• The applicant can submit a copy of the passport as well.</li> </ul>

Materials	Details
(9) Copy of applicant's Residence Card (Only for applicants who already reside in Japan)	<ul style="list-style-type: none"> <li>• Required only for those who have a status of residence in Japan.</li> <li>• It must specify applicant's residence status, period of stay, and current address.</li> </ul>
(10) Abstract of Graduation Thesis	<ul style="list-style-type: none"> <li>• The abstract of the applicant's graduation thesis or equivalent document, including figures etc.</li> </ul>
(11) Receipt of Application Fee Payment (30,000 JPY)	<p>Refer P.8 (7. How to Pay the Application Fee) for payment procedures.</p> <p>*Not required for those who will enroll as a Japanese Government (MEXT) Scholarship student.</p> <p>Note: If applicants are unable to pay through the Payment System due to a compelling reason, please contact the Admission Section well in advance.</p>

Notes on submission:

- (1) Application documents should be typed or handwritten in BLOCK letters on A4 size paper in English. For documents in a language other than English, an English translation must be attached.
- (2) Admission Ticket for an Examination will be sent to applicants who do reside in Japan.
- (3) Once application documents have been received, they will not be returned.



## 7. How to Pay the Application Fee

### (1) Before Using the Payment System

#### ① Check Your Device

Please make payment through the Internet by using a computer. The system may not be compatible with smartphones, tablets or cell phones. Please prepare a computer which meets the following conditions. In case you don't have your own computer, please use one in your school, acquaintance's house, etc.

##### ▼ Browser Minimum Requirements

Please make sure to use the latest version of your internet browser.

[Windows] Internet Explorer11、Google Chrome、Mozilla Firefox、Microsoft Edge

[Mac] Safari、Google Chrome、Mozilla Firefox

##### ▼ Browser Specifications

JavaScript must be enabled.

Cookie must be enabled.

##### ▼ Other requirements

In order to ensure compatibility for viewing PDFs, please use Adobe Reader version 11.0 or above.

※Recommended screen resolution is 1024 pixels and above.

#### ② Prepare a Printer

The Receipt of Application Fee Payment System has to be printed out to submit.

If you don't have your own printer, please use one in your school, acquaintance's house, convenience stores, etc.

#### ③ Prepare an Email Address

The registered email address will be used as the Login ID of the Application Fee Payment System. Please register a reachable email address and do not change or delete it until your entrance examination ends because important notices about the entrance examination from university will be sent to the address. Also, please ensure that you can receive emails from "@comappjapan.com."

#### ④ Confirm Payment Method

Payment through these methods are available: credit card, China Pay, convenience store and Pay-easy.

Please confirm the payment procedure (available financial institutions, amount limit, etc.) beforehand because each method has its own restriction and instructions.

#### ⑤ Prepare Application Documents

Please make sure to prepare the required documents well in advance because some documents may take time to be issued.

### (2) Register for the Application Fee Payment System

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

<https://osaka-u-afp.comappjapan.com/>

#### ① User Registration

Please register an ID (email address) and a password.

After registering the ID, instructions for setting up password will be sent to the registered email address.

#### ② Input Basic Information

Please input the applicant's basic information by following the instructions.

#### ③ Input Information about Application

Please select a school and an admission type by following the instructions.

④ Confirm Application Contents

Please confirm the input information. Please click “Alter” button to alter the contents.

<Note>  
 The information input at “② Input Basic Information” and “③ Input Information about Application” will not be alterable after you complete the next step: “Application Fee Payment.” Please make sure there is no mistake in the input information before proceeding to “Application Fee Payment.”

(3) Application Fee Payment

① Application Fee 30,000 Japanese yen

※System operation fee (600 Japanese yen) will be charged separately.

② Choose Payment Method

Please confirm the amount of payment and choose the method of payment by following the instructions.

If you choose to pay by the convenience store or by the internet banking service of Pay-easy, an email message which gives required numbers to make payment will be sent to the registered email address.

The available banks and notes are as follows:

Payment Method/ Available Banks and Stores	Payment Period	Notes
Credit Card • VISA • Master • China Pay	<p>【Exam in Summer】 :                      July 2, 2018, 10:00 a.m.                      ~July 20, 2018, 3:00 p.m.</p> <p>*Japan time</p>	The credit card holder’s name does not need to match the applicant’s name.
Convenience Store • LAWSON • FamilyMart • Circle K Sunkus • Daily Yamazaki • Yamazaki Daily Store • MINISTOP • Seicomart		Only for applicants who reside in Japan.
Bank  Banks which offer the Pay-easy service (※)		Only for applicants who reside in Japan. The credit card holder’s name does not need to match the applicant’s name.

※Please refer to the following website to confirm the available banks.

<https://www.veritrans.co.jp/payment/bank/list.html>

< Notes >  
 Please complete your payment and submit the application documents to Osaka University by the deadline. Please consider the time it takes for the application documents to reach Osaka University and make payment early.

○To Change the Payment Method

The payment method can be changed before completion of the payment.

[Login to the Application Fee Payment System] ⇒ [Top Page] ⇒ [Application Record]  
 ⇒ [Restart]

⇒ [Change the Payment Method] ⇒ follow the instructions on the page.  
After you cancel the payment by bank (Pay-easy,) please DO NOT use the invalid numbers.

○Refund of Application Fee

Application fees are not refundable except in the following cases. Furthermore, system operation fee (600 Japanese yen) will be deducted when the fee is refunded.

- (a) The applicant paid an application fee but was judged unqualified for application.
- (b) Application documents arrived after the application deadline and were refused.
- (c) There were deficiencies in the application documents, and therefore were not accepted.
- (d) The applicant paid an application fee but did not apply.
- (e) The applicant paid their application fee twice by mistake.

※To Request a Refund of Application Fee

Applicants who meet at least one of the above conditions will receive an email which gives the instructions to request a refund. The email will be sent to the registered email address. Please follow the instructions and complete a request for a refund in 7 days.

③Make Payment

Please make payment by selecting the listed methods.

The Receipt of Application Fee Payment will not be available until the payment is completed.

- Credit card : Input the card numbers on this Payment System.
- China Pay : Access the website of China Pay via this Payment System.
- Convenience store : Pay at the designated convenience stores.
- Pay-easy : Pay at the designated bank or by Internet banking service of Pay-easy.

(4) Print the Receipt of Application Fee Payment

After the payment is completed, the Receipt of Application Fee Payment (PDF) will be downloadable. Please print it in A4 size and submit with other application materials.

## 8. Selection and Announcement of the Results

(1) For those who will apply for entrance examination in Fall 2017

① Examination will be conducted in either of the following ways:

- For applicants who do not reside in Japan:

Screening will be conducted by reviewing the application materials and documents.  
An interview and/or academic examination might be conducted if deemed necessary.

- For applicants who do reside in Japan:

Screening will be conducted via an interview and academic examination, within the period from the end of November to the beginning of December 2017.

② The examinee's number of successful applicants will be posted on the Graduate School Admissions page of the Osaka University School/Graduate School of Engineering website on December 15, 2017, 2:00 p.m. (Japan time)

(2) For those who will apply for entrance examination in Summer 2018

① Examination will be conducted in either of the following ways:

- For applicants who do not reside in Japan:

Screening will be conducted by reviewing the application materials and documents.  
An interview and/or academic examination might be conducted if deemed necessary.

- For applicants who do reside in Japan:

Screening will be conducted via an interview and academic examination in the end of August 2018.

- ② The examinees' numbers of successful applicants will be posted on the Graduate School Admissions page of the Osaka University School/Graduate School of Engineering website by the middle of September 2018.

## 9. Admission Fee and Tuition

- (1) Admission fee: 282,000 JPY  
(2) Tuition: 535,800 JPY/year

Notes:

- (1) The bank transfer fee is to be paid by the applicant.  
(2) The amount of the admission fee and tuition are subject to change. Amendments to fees will be applied from the date of amendment.

## 10. Semester Starting Date

October 1, 2018

※The classes may start at a later date.

## 11. Notes for Applicants

- (1) Incomplete documents will not be accepted.  
(2) The content of submitted documents cannot be changed after the application procedure has been completed.  
(3) Application fee is non-refundable, excluding the following cases ① to ⑤. In such a case, please contact the Admission Section.  
①The applicant paid an application fee but was judged unqualified for application.  
②Application documents arrived after the application deadline and were refused.  
③There were deficiencies in the application documents, and therefore were not accepted.  
④Applicant paid an application fee but did not apply.  
⑤The applicant paid their application fee multiple times by mistake.  
(4) Applications may be rejected or admission may be revoked even after matriculation, if any information or material in the application is found to be fraudulent.  
(5) Applicants who need assistance due to physical disabilities when taking exams and/or in taking courses of study after enrollment in Osaka University should consult the Admission Section at the following address by November 2, 2017 (fall) or by July 20, 2018 (summer).  
(6) On-campus parking spaces for cars and motorcycles are not available on the day of examination. Use of public transportation is encouraged instead.  
(7) Successful applicants will be strongly advised to learn about Japan (the people, society, culture, and geography) as well as the University prior to their arrival in Japan.  
(8) For any questions concerning the application procedure, please contact the Admission Section freely.

## 12. 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 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, 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.

### **13. Inquiries and Further Information**

All inquiries to:

Admission Section  
Student Affairs Division  
Graduate School of Engineering  
Osaka University  
2 - 1, Yamadaoka, Suita,  
Osaka 565-0871, JAPAN  
Telephone: +81-6-6879-7226  
Facsimile: +81-6-6879-7229  
E-mail: iso-staff@eng.osaka-u.ac.jp