

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.

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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

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/eng/CSC_e/index_e.html

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"> • 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 last 3 months and should show the upper part of the body, without hat, in a frontal pose.
(2) Admission Ticket for an Examination and Photo Card (Only for applicants who already reside in Japan)	<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 part of the body, without hat, in a frontal pose.
(3) Statement of Purpose	<ul style="list-style-type: none"> • A Statement of Purpose of the applicant (no more than three double-spaced, typed pages on A4 paper), stating their research proposal
(4) Master’s diploma or official (expected) certificate	<ul style="list-style-type: none"> • A certificate or certified true copy of certificate from the school the applicant attended. The certificate should be the original document (not a copy). <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"> • Certified Academic Records of the school the applicant attended. The transcript should be the original document (not a copy).
(6) Certificate of English proficiency	<ul style="list-style-type: none"> • 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). - Applicants whose first language is English. - Applicants who have graduated from a university or a graduate school located in an English speaking country. - 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.
(7) Letter of Recommendation	<ul style="list-style-type: none"> • The letter should be addressed to the President of Osaka University from the academic supervisor of the university the applicant attended, the employer if the applicant works in, or the current supervisor.
(8) Certificate of citizenship (A4 size paper) (Only for non-Japanese applicants)	<ul style="list-style-type: none"> • The applicant can submit a copy of the passport as well.

Materials	Details
(9) Copy of applicant's Residence Card (Only for applicants who already reside in Japan)	<ul style="list-style-type: none"> • Required only for those who have a status of residence in Japan. • It must specify applicant's residence status, period of stay, and current address.
(10) Abstract of Graduation Thesis	<ul style="list-style-type: none"> • The abstract of the applicant's graduation thesis or equivalent document, including figures etc.
(11) Evidence of the payment of Application Fee *Complete the payment before the application period ends according to an instruction which you receive at your application to Admission Section.	<ul style="list-style-type: none"> • 30,000 Japanese Yen *Bank transfer fee is to be paid by the applicant. *The amount of the application fee is subject to change. *If you are unable to pay in Japan due to a compelling reason, we may accept the value through your credit-card. Please contact the Admission Section <u>well in advance</u>. *Not required for those who will enroll as a Japanese Government (MEXT) Scholarship student.

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. 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**.

8. 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.

9. Semester Starting Date

October 1, 2018

※The classes may start at a later date.

10. 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.

11. 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 remis-

sions, 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.

12. 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