

Japan Gateway:  
Kyoto University Top Global Program (JGP)

Interdisciplinary Engineering Course  
Integrated Course Program of Materials Engineering and Chemistry  
Top Global Course

Application Guideline  
Academic Year 2018

Chemistry & Chemical Engineering Unit for the Top Global Course  
Center for the Promotion of Interdisciplinary Education and Research (CPIER)  
Kyoto University

Guidelines for Applicants to the 2018 Japan Gateway:  
Kyoto University Top Global Program  
Top Global Course

**○Recruitment Requirements**

In addition to the strong traditional departments, this program focuses on nurturing students in the chemistry and chemical engineering related departments with the ability to consider confounding issues from multiple viewpoints, find novel solutions that go beyond and dramatically improve the existing alternatives, and send clear messages toward the rest of the world from Japan.

The program welcomes highly motivated applicants with a strong interest in being educated through internship programs abroad and in joint-research projects with overseas universities. Applicants should also be active in academic or applied research of chemistry and chemical engineering with excellent communication skills (in terms of both interpretation and expression).

To be enrolled in this program, the students have to take and pass the entrance examination of one of the following graduate courses of Kyoto University: Frontier Chemistry, Advanced Chemistry or Chemical Engineering Course.

**1. Enrollment Capacity**

The number of students accepted per year is 6 – 10 students.

**2. Applicant Eligibility**

Applicants must be one of the following postgraduates of Frontier Chemistry, Advanced Chemistry or Chemical Engineering Course at the academic year 2018.

- First or second year postgraduates in master's program who have strong interest in obtaining a doctoral diploma.
- First year postgraduates in doctoral program.
- First year postgraduates in integrated master's-doctoral program.

**3. Application Procedure**

The application documents indicated below must be sent by registered express mail or submitted in person to the educational affair section in the administration office in Cluster A of Katsura Campus.

- (1) Curriculum vitae (any format is acceptable, 1 page of A4 size)

- (2) Description of research achievements and research plan (any format is acceptable)  
It should describe their objective, outline, and plan.
- (3) Letter of recommendation (any format is acceptable)  
Submit a letter of recommendation written by a supervisor at the applicants' university.
- (4) TOEFL/TOEIC/IELTS official score results or certificates  
If the original of the score results or certificates has already been submitted to other organizations, the applicants must contact the administration office in Cluster A and obtain an approval of submission of the duplicated copy.  
Applicants who do not have any of items (4) and/or who have been using English for research or studies abroad for a long time may be evaluated for the language proficiency without TOEFL/TOEIC/IELTS scores. Instead of (4), an applicant of the latter case must submit the originals of the academic performance record and graduate certificate (or certificate of expected graduation).

#### **Period of application**

From 9:00 a.m., Tuesday, 13 February 2018 to 5:00 p.m., Friday, 23 February 2018

#### **4. Selection Scheme and Schedules**

Applicants who meet the required criteria of this program based on the application documents will proceed to the oral examination in the second step. Successful applicants will be selected through a comprehensive evaluation based on the results of the second step together with the letter of recommendation from their supervisor and the contents of the submitted research achievements and plan.

#### **Oral examination**

Applicants who fulfill the required criteria of this program and passed the first step are invited to present their research achievements and plan in English to faculty members involved in the JGP program on 1 March 2018 (Details will be announced).

#### **5. Announcement of Entrance Examination Results**

Successful applicants for this program will be announced on 16 March 2018. The results will be informed to the applicants individually. From 1 April 2018, they are admitted to the JGP as Top Global Course students. They must participate in the Interdisciplinary Engineering Course Program of Materials Engineering and Chemistry.

#### **6. Financial Support**

One of the features of this program is to carry out the research and education of chemistry and chemical engineering to be more cutting-edge and international in collaboration with world top-ranked universities such as Massachusetts Institute of Technology. The TGC students are to be sent to those universities to conduct research as a part of the internship program. The program will support the student's travel expenses and registration fee for those universities. However, the program does not always guarantee that all students in the Chemistry & Chemical Engineering Course will be sent to those universities.

## **7. Personal Information Handling Policy**

Personal Information (including information related to performance evaluations) provided in application documents, etc., shall be handled in accordance with the stipulations set forth in the Kyoto University Personal Information Protection Regulations and shall be used for the objectives of entrance examinations, admission procedure, financial support and preparation of the accepted students.

## **8. Contact Information and Application Document Submission Address**

Educational Affair of Administration Office, Cluster A,  
Graduate School of Engineering, Kyoto University  
Kyoto University Katsura, Nishikyo-Ku, Kyoto 615-8510, JAPAN  
TEL 075-383-2077  
E-Mail [090kakyomu@mail2.adm.kyoto-u.ac.jp](mailto:090kakyomu@mail2.adm.kyoto-u.ac.jp)  
Office hour: 9:00 a.m. to 5:00 p.m. from Monday to Friday