

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 2024

Chemistry & Chemical Engineering Program for the Top Global Course  
Graduate School of Engineering  
Kyoto University

Guidelines for Applicants to the 2024 Japan Gateway:  
Kyoto University Top Global Program  
Top Global Course

**○Application 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 enroll 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 a postgraduate student of Frontier Chemistry, Advanced Chemistry or Chemical Engineering Course as of April 2024.

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

**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)

The objective, outline, and plan of the research should be described.

- (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 cannot provide these items and/or who have been using English for research or studies abroad for a considerable period of time may be evaluated without TOEFL/TOEIC/IELTS scores. In this case, the applicant must submit the originals of their academic performance record and graduate certificate (or certificate of expected graduation).

#### **Period of application**

From 9:00 a.m., Monday, 5 February 2024 to 5:00 p.m., Friday, 16 February 2024

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

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

#### **Oral examination**

Applicants must present their research achievements and future plans in English to faculty members involved in the JGP program. Oral examination will be held on 1 March 2024 (Details will be announced at a later date).

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

Successful applicants for this program will be announced on 15 March 2024. The results will be informed to the applicants individually. From 1 April 2024 they will be 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**

In order to foster graduates with the skills and mindset to contribute in our globalizing world, the program will promote cutting-edge research and education in the fields of chemistry and chemical engineering with a focus on international collaboration with top-ranked universities such as Massachusetts Institute of Technology. The program promotes TGC students to stay at overseas universities to conduct research as a part of an internship program. Although this may not always be the case, the program aims to provide support for the necessary travel expenses and registration fees to these overseas 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