

**World-leading INnovative Graduate Study Program-  
Quantum Science and TEchnology Program (WINGS-QSTEP)  
Application Guidelines (2nd Recruitment in 2023)**

**(Applicants: doctor course students enrolled in Spring 2023 or to be enrolled in Fall 2023)**

**Goals of Education and Research in this program**

In the 21st century, quantum science and technology will firmly solidify basic academic fields such as quantum physics, quantum chemistry, and quantum life science, and expand beyond them into engineering with a clear awareness of social implementation to make a big change in our society. Therefore, it is an urgent issue to educate quantum natives who can utilize quantum science and technology and to provide appropriate career path support that enables the rapid social implementation. The Quantum Science and Technology Fellowship Program (Q-STEP) is designed to develop human resources to solve SDGs and global commons by developing a research and education program that gives a broad overview from quantum science to quantum technology and by providing a career path support program.

\* For details on this program, see: <https://sites.google.com/g.ecc.u-tokyo.ac.jp/q-step/en>

**1. Eligibility to Apply**

Graduate students who are eligible to apply for this program should meet all the following requirements:

- He/she is a doctor course student enrolled in Spring 2023 or to be enrolled in Fall 2023 at one of the following departments: Electrical Engineering and Information Systems, Applied Physics, Nuclear Engineering and Management, Mechanical Engineering, Precision Engineering, and Bioengineering (Graduate School of Engineering), Physics (Graduate School of Science), Multidisciplinary Science (Graduate School of Arts and Sciences), and Advanced Materials Science (Graduate School of Frontier Sciences), .
- He/she wants to pursue a doctoral degree in a field centered on quantum science and technology.
- He/she is interested in and actively studies the social implementation and industrial application of quantum science and technology.
- You fully understand the purpose of the program, as well as the project requirements and other rules, and will cooperate with activities related to the program.
- If you are accepted for this project, you are required to apply for the Japan Society for the Promotion of Science (JSPS) Research Fellowships (DC), and to remain enrolled in this project if they are selected for JSPS DC.

However, the following students (status on October 1, 2023) are not eligible to apply:

- Students on a leave of absence
- International students supported by the Japanese Government (Monbukagakusho) Scholarship or other support from their home country, Japan Society for the Promotion of Science (JSPS) Research Fellowships (DC), Students of the “University Fellowship Program for the Creation of Innovation in Science and Technology” by the Ministry of Education, Culture, Sports, Science and Technology, MEXT Doctoral Program for World-leading Innovative & Smart Education (WISE) students
- Program for Leading Graduate Schools students, World-leading Innovative Graduate Study Program (WINGS) students
- “Fostering Advanced Human Resources to Lead Green Transformation” Project (SPRING GX) students
- Students receiving financial support of over 160,000 yen per month from other programs of the University of Tokyo or national research and development agencies.(\*1)
- Students who work for a company and have a stable income from salary or executive compensation that is sufficient to cover their living expenses (2.4 million yen per year or more).

After being selected, the amount of support from the University of Tokyo cannot exceed 280,000 yen per month when combined with the amount of support from SPRING GX (180,000 yen per month).

(\*1) In this application guideline, such programs refer to activities that the University of Tokyo or any national research and development agency is responsible for accounting as an institution, regardless of the source of the budget.

## 2. Selection Process

Program students will be selected on the basis of their application documents. Interviews may be conducted as necessary.

The application documents are submitted through the SPRING GX web site ([https://www.cis-trans.jp/spring\\_gx/](https://www.cis-trans.jp/spring_gx/)). During the submission, select World-leading Innovative Graduate Study Program-Quantum Science and Technology Program (WINGS-QSTEP) as WINGS you want to be associated with.

\* SPRING GX: “Fostering Advanced Human Resources to Lead Green Transformation” Project

## 3. Enrollment Period

The table below shows the recruitment period and qualification examination period for program students. Depending on the result of the qualification test, the program student's status may be lost or independence support fee may be reduced.

Admission	Enrollment period	Qualifying Examination
Spring 2023	October 1, 2023-March 31, 2026	July or August, 2025
Fall 2023	October 1, 2023-September 30, 2026	January or February, 2026

## 4. Grants

Program students are provided with an independence support fee of 180,000 yen per month. However, the amount of independence support may be reduced depending on his/her course activities. In addition, he/she can decline to receive the independence support fee.

Note that recipients of the grant are not allowed to receive other financial aids. For part-time jobs, follow the regulations of the JSPS Research Fellowship for Young Scientists.

In addition, a research fund of 340,000 yen per year (170,000 yen if the period of enrollment in the fiscal year is half a year) will be paid to program students of the Graduate School of Engineering and the Graduate School of Science.

Moreover, in the case of leaving Japan for an extended period of time, we may be unable to provide the independence support fee and the research fund.

## 5. Number of Admission Offers

Departments	Number of Admission Offers※ (WINGS-QSTEP)
Electrical Engineering and Information Systems, Applied Physics, Nuclear Engineering and Management, Mechanical Engineering, Precision Engineering, Bioengineering (Graduate School of Engineering), and Physics (Graduate School of Science).	A few
Multidisciplinary Science (Graduate School of Arts and Sciences), and Advanced Materials Science (Graduate School of Frontier Sciences).	A few

※ These numbers of applicants are separate from the SPRING GX.

## 6. Announcement of Selection Results and Enrollment Process

- (1) The results of the selection will be announced by **September 15, 2023 (Fri)**.
- (2) Enrollment documentation will be sent to provisionally accepted students by email after the announcement of selection results. Those students provisionally accepted to participate in the course must complete the enrollment process (submit the necessary enrollment documentation) by a documented deadline. Students who fail to complete the enrollment process by the deadline will be considered to have refused their offer of a place on the course.

## 7. Application Process for Program Students

(1) Application of documents

a. Applicant Information

Input the required items in the application website that can be accessed from the recruitment page. During the submission, select World-leading Innovative Graduate Study Program-Quantum Science and Technology Program (WINGS-QSTEP) as WINGS you want to be associated with.

b. Application Form

Download the designated form in the recruitment page, fill it out, and upload the electronic file (PDF converted from WORD) from the designated location on the application website.

c. Supervisor's confirmation form

Students who have received a preliminary acceptance for participating in WINGS-QSTEP must inform their supervisor of the acceptance and obtain permission to take part in WINGS-QSTEP. The students should request the supervisor to submit the confirmation form to the WINGS-QSTEP Office. Note that if the supervisor does not submit the confirmation form, you will not be accepted. Students who do not have a supervisor at the time of the preliminary acceptance should ask the head of the department in which they will enroll to submit the confirmation form. The method of submitting the confirmation form will be notified at the time of the preliminary acceptance.

(2) Online application website:

<https://spring-gx.adm.s.u-tokyo.ac.jp/en/>

(3) Application deadline:

August 1, 2023 (Tue) 3:00pm

The server may be crowded just before the end of the application period, so please apply well in advance. Applications received after the deadline will not be accepted, even if the application is still in progress.

**8. Differences between Q-STEP and SPRING GX**

- The certificate of completion as a WINGS program student is given only to Q-STEP students.
- When selecting assistant academic advisors and internships, the wishes of Q-STEP students are prioritized.

**9. Notes**

- (1) Incomplete applications will not be processed.
- (2) Once submitted, applications cannot be amended for any reason.
- (3) The application process may be subject to change. Applicants will be informed of any changes made to the application process.
- (4) Names, addresses, and other personal data acquired by the University through the application process will be used only for the following purposes: (a) selection of Q-STEP students (application processing and selection), (b) announcement of selected applicants, (c) enrollment procedures, and (d) management of the project, including career development and academic content, (e) follow-up surveys, (f) payment of monthly grants and research grants. Names and e-mail addresses will be provided to the Japan Science and Technology Agency (JST) for monitoring surveys.
- (5) Applications discovered to contain deliberate errors may result in the withdrawal of an offer of a place on the program, retrospectively in those cases where course enrollment has already been completed.
- (6) The name and department of the program students will be published on the website.
- (7) The successful applicants must take research ethics training.

**10. Contact information**

Q-STEP office

[office@q-step.t.u-tokyo.ac.jp](mailto:office@q-step.t.u-tokyo.ac.jp)

July 2023