

October 2024 Enrollment
Tokyo University of Agriculture and Technology (TUAT)
Doctoral Program for World-leading Innovative & Smart Education (WISE Program)
Application Guideline (for D1: First year of Doctor course)

1. Outline of the WISE Program

Tokyo University of Agriculture and Technology (TUAT) WISE program (Program name: Excellent Leader Development for Super Smart Society by New Industry Creation and Diversity) is making a call for student applications. Applicants have to be enrolling in Doctor course at TUAT in April 2025. – Students in any areas and majors at TUAT are eligible.

The WISE program is operated by Institute for Fostering Leadership to Create Future Value through Outstanding Research, Innovation and Sustainable Higher Education (FLOuRISH). It aims to foster outstanding doctoral degree holders with the "ability to boldly conceive of the future and steadily execute step-by-step", who can carry out the "creation of new industries = creation of new fields through advanced research capabilities" based on their expertise in agricultural science and engineering.

We provide an integrated five-year education program from the master's to the doctoral course for the purpose above. This is a call for student applications for the transfer entrance to the latter three years of the program.

This education program will collaborate with the career development training for SPRING and BOOST scholars in FLOuRISH. Students will improve research conceptualization skills, form teams that transcend gender, nationality, and field of specialization, understand diversity for leadership acquisition, and improve international understanding and English debate skills in the first stage of the curriculum. They aim to launch projects and establish collaborative research systems in the second stage. In the third stage, students will develop an action plan to demonstrate the uniqueness of their own research in society.

All students who understand the purpose of this program are welcomed to apply.

Vision of Human Resources:

- Those who will offer solutions for the social challenges by cutting-edge technologies and knowledges in collaboration of agricultural and engineering sciences
- Those who will encourage diversity (e.g., gender, nationality, social experience, ways of thinking) for promoting innovation
- Excellent leaders who have the holistic perspectives, creativity, the appreciation and understanding of diversity, international competitiveness and high-level expertise

2. Curriculum and Completion Requirements

In order to complete the WISE Program, students need to acquire the required credits by taking the courses provided by the program as below and pass the Qualifying Examination 2 (QE2*), in addition to completing their majors. Students need to obtain 6 or more credits in total to take QE2.

Subject Group	Required Number of Credits	Overview
Advanced Subjects for TUAT Co- Creation and Industry-Government- Academia Collaboration	1 credit or more	Learn advanced knowledge of academic-industry and international collaboration for creating new industries
Advanced Exercise for TUAT Co-Creation and Industry-Government-Academia Collaboration	1 credit or more	Acquire high practical ability in academic-industry and international collaboration for creating new industries
Additional Required Credits	4 credits	In addition to the above 2 credits in the table, “Diversity Communication (1 credit)”, “Outline of Creation of New Industries (1 credit)”, “Outline of Global Leadership I • II (2 credits in total)” are required to acquire.
QE2		Final examination in the WISE Program
Total	6 credits or more in total	

* Qualifying Examination 2 (QE2) should be taken in the third year of the Doctoral course, in principle. FYI, QE1 is for Master students.

3. Qualification Requirements

Applicants have to meet all three of the following criteria.

- Students who enrolled in the first year of the Doctoral courses at TUAT in April 2025 (including the first year of Cooperative Division of Veterinary Sciences and the third year of the five-year integrated Doctoral course in BASE).
- Students who are adopted to SPRING or BOOST scholars of FLOuRISH (However, those who are not eligible to apply for SPRING or BOOST Scholarship, such as Japanese Government Scholarship students and JSPS Postdoctoral Fellows DC1, may apply for this program.)
- Students who have goals that match the educational and research philosophies of the WISE program.

* Before making your application for this program, you have to receive the approval of your primary supervisor. If you pass the selection and are admitted to WISE Program, contact each of your supervisors and confer on your future research plan.

* Students who are admitted to WISE Program shall take prescribed subjects. After obtaining required credits and passing the QE2, the student shall have “WISE Program completed” in the Diploma. The Doctorate degree will be obtained from the graduate school of affiliation.

4. Assistance and Support from the WISE Program

Students will be able to receive information on financial assistance for overseas travel, open calls for research grants, cross-disciplinary exchange events, and advice on joint research with private companies and other organizations.

5. Application and Selection Schedule

- Online explanatory meetings: 12:10-12:50 (both days) on March 6 (Thu) and April 10 (Thu) (See the WISE program’s website <<https://www.wise.tuat.ac.jp/en/recruitment/>> for the Zoom connection)
- Application period: From March 6 (Thu) to **AM 9:00 of April 22 (Tue)**
- Selection result announcement: Successful applicants will be announced by e-mail around May 16 (Fri).
 - * The Orientation for WISE Program will be from 15:00 to 17:00 on May 20 (Tue).

6. Selection / Admission Criteria for the Program

A comprehensive assessment on academic and research capabilities as well as the understanding of and enthusiasm for this program will be made based on the application document and academic records in the undergraduate and Master courses.

- Reasons why you are applying for the WISE Program
- Your opinion on the issues in “Understanding Diversity”
- Summary of the research carried out up to now and the future research plan
- Research prospect based on the expected learning experience in this program
- Future vision after completing this program and acquiring the degree

7. Number of students admitted to the Program:

A few students

8. Application procedure

Apply via Google Form (<https://forms.gle/WsmUcMbp2aaKSubH9>). Fill in your name, department, contact, and name and contact of the supervisor. Describe the following items in an application document (Indicate your name in the file name and in the body of the text. The format is free. The five items in one file.) and upload it after converting it to PDF format.

- Reasons why you are applying for the WISE Program (approx. 400 words)
- Your opinion on the issues in “Understanding Diversity” (approx. 200 words)
- Summary of the research carried out up to now and the future research plan (approx. 400 -500 words)
- Research prospect based on the expected learning experience in this program (approx. 400 words)
- Future vision after completing this program and acquiring the degree (approx. 300 words)

Applicants who completed Master course in another university should ask the university for your transcript of the academic record, scan and upload to the above Google Form. If you cannot receive your transcript by the application due date, please submit an alternative (e.g., a screenshot of the record display screen) if available, and indicate this in the remarks section. After the transcript is delivered, upload it to another Google Form (<https://forms.gle/JEncxA5RHvZNW1Y49>).

Applicants who completed TUAT’s Master course need not submit the transcript as the administrative section will check the score result.

9. Contact

TUAT, WISE Office

Fuchu Office TEL: 042-367-5615, 5618

Mail: tuat-wise@m2.tuat.ac.jp

Website: <http://www.wise.tuat.ac.jp/en/>