April 2023 Enrollment
Tokyo University of Agriculture and Technology (TUAT)
Doctoral Program for World-leading Innovative & Smart Education (WISE Program)
Application Guideline (<u>for D1</u>: First year of Master 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 Master course at TUAT in April 2023. – Students in any areas and majors at TUAT are eligible.

With the goal of "Globally recognized research university", we have been promoting education and research as a science-based research university that focuses on developing innovation leaders responsible for creating new industries through advanced graduate education in agriculture and engineering fields. We established the WISE Program to develop outstanding Ph.D.s who are capable for implementing Society 5.0 "Super Smart Society" based on agriculture and engineering and to create solutions for social problems. WISE Program provides a five-year integrated education in cooperation with private companies and overseas research and educational institutions for students through master to doctoral courses. Keywords of the education program are "Collaboration of Agriculture and Engineering", "Creation of New Industries" and "diversity". Thereby, WISE Program fosters high-level doctoral human resources who contribute to construct super-smart society by cutting-edge technologies and knowledges in collaboration of agricultural and engineering sciences.

Students in this program are supported to develop their research skills for their expertise, practicing PBL (Project Based Learning) for having a broad perspective, gain assistance for participating in overseas study, conference and training programs so that they will be an expert scientifically and internationally. In addition, students have opportunities to learn about implementation of their research outputs from WISE's partner institutes and companies, and chances to have further connection to industrial sectors. Moreover, "Competency Evaluation" to strengthen and evaluate human abilities that does not exist in other graduate schools has been introduced. It visualizes growth of students' human abilities through the portfolio system, which helps students learn by checking their degrees of progress to become excellent doctoral human resources.

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 get 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 get 6 or more credits in total to take QE2. The program will be started in April 2023.

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 should be the students who enrolled in the first year of the Doctoral courses (including the first year of Cooperative Division of Veterinary Sciences and the third year of the five-year integrated Doctoral course in BASE) at TUAT in April 2023, who have goals that match with the educational and research philosophies of the WISE Program.

* Before making your application for this program, you have to receive an approval of your primary supervisor. If you pass the final 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 requited credits and passing the QE2, the student shall have "WISE Program completed" in the Diploma. The Master or Doctorate degree will be obtained from the graduate school of affiliation.

4. Assistance and Support from the WISE Program

WISE Program students will be subsidized for financial supports. In addition, students will be able to receive advice for obtaining research funding, conducting joint research with companies based on the research specialty. Details of the support vary depending on the academic year, so please check the information provided by e-mail etc.

5. Application and Selection Schedule

- Online explanatory meetings: 12:10-12:50 (both days) on February 9 (Thu) and April 11 (Tue), 2023 (See <http://www.wise.tuat.ac.jp/en/recruitment/> for the Zoom connection)
- Application period: From March 3 (Fri) to AM 9:00 April 18 (Tue), 2023
- Primary selection (Document Screening): Successful applicants announced on around May 1 (Mon), 2023
- Secondary selection (Interviews): The interview will be held face-to-face between May 10 (Wed) and May 12 (Fri), 2023. The details such as venue, time and way for presentation will be announced to successful applicants of the primary selection individually.
- Selection result announcement: Successful applicants will be announced by e-mail on around May 15 (Mon), 2023

(Orientation for WISE Program will be held from 15:00 on May 22 (Mon), 2023)

6. Selection / Admission Criteria for the Program

(1) Primary Selection: Document Screening

A comprehensive assessment will be made based on of the reason for application and an academic record in the undergraduate course.

(2) Secondary Selection: Interview

A comprehensive assessment will be made of academic and research capabilities as well as the understanding of and enthusiasm for this Program through an 8-minute presentation on the topics that follow below as well as a 7-minute Q&A session (total of 15 minutes for the interview).

- 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:

　　Around 5 students

8. Application procedure

　　　Apply via Google Form (https://forms.gle/8HYFbqUCaigpTqZt8). 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.) and upload it after converting to PDF format.

- Reasons why you are applying for the WISE Program (approx. 300 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. 300 -500 words)
- Research prospect based on the expected learning experience in this program (approx. 300 words)
- Future vision after completing this program and acquiring the degree (approx. 300 words)

　　Applicants who completed Master course in other 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/f8V2aJS3PryrGQ6X7).

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

9．Contact

(Applying procedure etc.)

　　TUAT Educational Affairs Office

　　Mr. Motozawa　　　　　　　　TEL: 042-367-5545

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(Details of the WISE Program)

　　TUAT, WISE Office

　　Fuchu Office TEL: 042-367-5618, Koganei Office TEL: 042-388-7773

　　Mail: tuat-wise@m2.tuat.ac.jp

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