October 2021 Enrollment

Tokyo University of Agriculture and Technology (TUAT)

Doctoral Program for World-leading Innovative & Smart Education (WISE Program)

Application Guideline (for M1: 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 must be enrolling in Master course at TUAT in April or October 2021. – 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. The distinctive features of the WISE Program are creations of new industries and diversity. In particular, the main theme is the creation of new industries that revolutionize agricultural distribution through the application of cutting-edge engineering technology. Students in this program can obtain innovative mind and knowledge through various curriculum based on agriculture-engineering collaboration, and cooperation with private companies as well as overseas research/educational institutions. The program seeks to cultivate high-level human resources with doctoral degrees. The WISE Program provides various supports such as financial support for oversea training, which focus on fostering an interdisciplinary and holistic perspectives in addition to students' own specialized skills. Furthermore, we prepare various opportunities with a strong mind to contribute to the industries. Students can get the connection with industries, can take lectures from relating industries and can obtain an opportunity to pursue their own collaborative research theme to corporative industries. "Competency evaluation" strengthens and evaluates human abilities that existing graduate schools do not have. By visually tracking your growth through the portfolio system, you can learn and check your career development as an outstanding doctoral candidate. All students who understand the purpose of this program and who wish to go to a doctoral course are welcomed to apply.

Vision of Human Resources:

- Those who will leverage the collaboration of agriculture and engineering, and use high engineering technology to create new industries that offer solutions for the social challenges presented by agriculture and related fields
- Those who will reinforce and provide diversity (e.g., gender, nationality, social experience) for promoting innovation
- Those who have the capacity for having holistic perspectives, creativity, an 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 number of credits by taking the courses provided by the program as below and pass the Qualifying Examinations (QEs) *, in addition to completing their majors. Students need to get 8 credits or more in total to take QE1, and 10 credits or more in total to take QE2. The program will be started in October 2021.

Before QE1

Subject Group	Required Number of Credits	Overview
Basic Subjects for TUAT Co-Creation	2 credits or more	Acquire the basic knowledge to create new industries by integrating agricultural technology viewpoints and engineering technology
Basic Subjects for TUAT Co-Creation	2 credits	Acquire essential knowledge and experience for creating new industries
Subjects for International Training	2 credits or more	Acquire knowledge and experience from an international perspective that is essential for creating new industries
Special Subjects for TUAT Co-Creation	2 credits or more	Acquire more specialized knowledge of agriculture and engineering that are essential for creating new industries
Subtotal	8 credits or more	
QE1		Middle examination in the WISE Program.

After QE1

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
Subtotal	2 credits or more	

QE2

QE2	10 credits or more in Total	Final examination in the WISE Program

* Qualifying Examinations (QEs)

Qualifying Examinations (QEs) should be taken two times – in the latter half of the second year of the Master course (QE1), and in the third year of the Doctoral course (QE2), in principle.

3. Qualification Requirements

The applicants should be the students who enrolled in the first year of the Master courses (including the first year of Professional Degree Course and the first year of the five-year integrated Doctoral course in BASE) at TUAT in April or October 2021, who have the intention to go on to the Doctoral courses at TUAT after obtaining Master degrees, and who have goals that match with the educational and research philosophies of the WISE Program.

* Before making your application to this program, you have to receive an approval of your supervisor and confirm the content of your research, date of interview, etc.. If you are admitted as a student of this program, you must contact your supervisor and confer on your research plan going forward.

* Applicants who pass the final selection and are admitted as the member of WISE Program shall take prescribed subjects. After obtaining requited number or more credits and passing the QE2, the student shall have "WISE Program completed" in the Diploma. The degree itself (Master or Doctorate) will be obtained from the graduate school of affiliation.

4. Assistance and Support from the WISE Program

The WISE Program supports the expenses for overseas training. The details of support vary depending on the year of acceptance, so please check with the office of WISE program.

In addition, specific advice on how to obtain research funding, conduct joint research with private companies, and start or commercialize research results is available.

5. Documents to be submitted

(1) Undergraduate transcripts

- Those who graduated from TUAT

  You can request the transcript by email to the faculty that you graduated from. Please send the following information to the specified administration office.

  ① Information for issuance of certificates

  1. Full name
  2. Contact: Phone number and e-mail address
  3. Physical address
  4. Date and year of birth
  5. Current affiliation: Name of Department
  6. Year in the graduate school (e.g. M1)
  7. Current student ID
  8. Certificate that you need
     - Item (Write "Undergraduate transcript")
     - Language (Write "Japanese")

- Number of copy (Write “1 copy”)
- Necessity of sealing up (Write “Not necessary”)

9. Where to submit (Write “WISE Program, TUAT”)
10. Purpose of issue (Write “For application to the WISE Program”)

② Copy of your Student ID card

* If you have not received the new student ID card from TUAT yet, please submit the copy of other official IDs such as Passport.

*Please set a password with the file since it is private information.

③ Address to mail (Write “WISE staff will directly collect from the office”)

After you completed the procedures above ①②③, please write “WISE staff will directly collect from the office” in your e-mail.

➢ <u>Those who graduated from other universities</u>

If you cannot receive your transcript from your graduated university by the application due date, please contact with WISE program office by e-mail. If you have the screenshot of the script for instance, please write so.

(2) WISE program application form (including motivation for this program)

You need to discuss with your supervisor and get his/her consent before application.

6. Application and Selection Schedule

- Online explanatory meetings: 12:10-12:50 on September 6 (Mon) and 7 (Tue), 2021 (Same content on both days)
- Application period: From September 6 (Mon) to **17:00** September 13 (Mon), 2021
- Primary selection (Document Screening): Successful applicants announced on September 22 (Wed), 2021
- Secondary selection (Interviews):

  The interview will be held online on September 29 (Wed), 2021. The details will be announced to successful applicants of primary selection individually.
- Selection result announcement: Successful applicants will be announced by e-mail on around September 30 (Thu), 2021

(Orientation for WISE Program will be held from 15:00 on October 4 (Mon), 2021)

7. Selection / Admission Criteria for the Program

(1) Primary Selection: Document Screening

A comprehensive assessment will be made of such matters as academic grades as an undergraduate and the reason for application.

(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 a 10-minute presentation on the topics that follow below as well as a 5-minute Q&A session (total of 15 minutes for the interview).

- Reasons why you are applying for the WISE program
- Summary of the research carried out up to now and the research plan in the Master Course
- Research prospect based on the expected learning experience in this program
- Future vision after completing this program and acquiring the degree

8. Number of students admitted to the Program:

Around 10 students

9. Documents submission and contact

(1) Documents Submission

In principle, application documents should be submitted by e-mail

- Students who can set passwords on documents

  Please attach those documents to the e-mail and send it to the e-mail address of your department listed below and Cc to your supervisor and girkikaku@m2.tuat.ac.jp. Please send the password of your files in a separate e-mail.

- Students who cannot set a password on documents

  Follow the steps below to use Google Drive.

  ① Log in to Google Drive with "Your TUAT-ID@st.go.tuat.ac.jp" issued by TUAT

  ② Create a folder for "WISE Program Application Documents" in "My Drive" and upload the application documents in that folder.

  ③ Right-click the folder created in ② and select "Share".

  ④ Select "Available to all Tokyo University of Agriculture and Technology who know the link" and press "Copy link".

  ⑤ Send the copied link (URL) by email to the the e-mail address of your department listed below and Cc to your supervisor and girkikaku@m2.tuat.ac.jp.

<Fuchu Campus>

・Graduate School of Agriculture

Fuchu Student Support Affair TEL: 042-367-5659

Mail: a-nyushi@cc.tuat.ac.jp

<Koganei Campus>

・Graduate School of Engineering, Graduate School of BASE

Koganei Student Support Affair TEL: 042-388-7173

Mail: tkyomu1@cc.tuat.ac.jp

(2) Contact

TUAT School Affairs Division

Minami and Nishimura TEL: 042-367-5943, 5545
Mail: girkikaku@m2.tuat.ac.jp

For specific details of the program, please contact the following WISE Office:

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/