**Tokyo University of Agriculture**  
Graduate School of Agriculture  
Department of Agricultural Engineering

<table>
<thead>
<tr>
<th>1. Graduate School Code</th>
<th>1a</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Area</td>
<td>Agriculture</td>
</tr>
<tr>
<td>3. Research Field</td>
<td>Agricultural Civil Engineering, Agro-machinery</td>
</tr>
<tr>
<td>4. Degree</td>
<td>Master of Agricultural Engineering</td>
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<tr>
<td>5. Standard Timetable (Years needed for graduation)</td>
<td>Starting as a Research Student for 1 year, then 2 years as a Master’s Student after passing the entrance exam</td>
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</tbody>
</table>
| 6. Language of Program | (1) Lecture: All lectures in English and Japanese, bilingually (26/26)  
(2) Text: Mainly English text, but Japanese texts are used partially while English instructions are given orally.  
(3) Laboratory work: Safety measures and experimental methods are instructed by the supervisor in English.  
(4) Seminar: Seminars including Japanese students are generally conducted both in English and Japanese, bilingually. |
| 7. Desirable English Level and Necessary Academic Background | (1) TOEFL PBT:500 IELTS:5.5  
(2) At least 16 years of academic background or equivalent |
| 8. Website | (1) Tokyo University of Agriculture  
(2) Graduate School of Agriculture  
[http://www.nodai.ac.jp/english/graduate/agri/](http://www.nodai.ac.jp/english/graduate/agri/)  
(3) Department of Agricultural Engineering  
[http://www.nodai.ac.jp/english/graduate/agri/engineering/](http://www.nodai.ac.jp/english/graduate/agri/engineering/) |
| 9. Additional Information | | |

### Japanese Language

| (1) Necessity of Japanese language for study | Not necessary |
| (2) Availability of Japanese language class | Available |

### Facility Information

| (1) Dormitory available for JISR participants | N/A | Single type: Available during the first six months  
Family type: Not available |
| (2) Prayers room or Mosque | Available | There is one prayers room in the University, also there is a Mosque nearby |
| (3) Halal food available in cafeteria | N/A |

### Others

| (1) Tutor system | Available |
10. Features and Curriculum of Program

Upon arrival in Japan, participants will start their studies as Research Students in the first six months from October to March. During this period, participants will be guided by their supervisors and tutors to obtain basic knowledge of the relevant disciplines they intend to pursue in the Master's program. They will also sit the entrance examination in January and, if they successfully pass the examination, start their two-year Master's program in April. In order to obtain the Master's degree, every participant must obtain 30 credits and submit a Master's thesis.


11. Professors and Associate Professors

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Research Subject/Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>MIHARA Machito (Mr.)</td>
<td>Agricultural Civil Engineering (Rehabilitation and conservation of soil and water environment and sustainable use of regional resources)</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>NAKAMURA Takahiko (Mr.)</td>
<td>Agricultural Civil Engineering (Irrigation system and soil/water quality controlling technologies for high agricultural production, and agricultural waste recycling)</td>
</tr>
<tr>
<td>Professor</td>
<td>SHIMADA Sawahiko (Mr.)</td>
<td>Agricultural Civil Engineering (Environmental monitoring using remote sensing data and GIS)</td>
</tr>
<tr>
<td>Professor</td>
<td>WATANABE Fumio (Mr.)</td>
<td>Agricultural Civil Engineering (Effective water usage methods in arid and semi-arid areas)</td>
</tr>
<tr>
<td>Professor</td>
<td>SUZUKI Shinji (Mr.)</td>
<td>Agricultural Civil Engineering (The impact of climate change on hydrothermal region of arable land in each tropical arid and cold regions)</td>
</tr>
<tr>
<td>Professor</td>
<td>OKAZAWA Hiromu (Mr.)</td>
<td>Agricultural Civil Engineering (Developing environmental models of coupled hydrological and biochemical (N,P) cycling at catchment-scale)</td>
</tr>
<tr>
<td>Professor</td>
<td>MURAMATSU Yoshiki (Mr.)</td>
<td>Agro-machinery (Transport phenomenon in processing and transportation of agricultural products)</td>
</tr>
</tbody>
</table>
12. Academic schedule

(Reference: 2019/20 Academic year)

Entrance Ceremony: 2 April, or 1 October
First Semester: 8 April - 26 July
Second Semester: 20 September – 24 January
Entrance Examination for graduate school: 13 July 2019 (Sat) / 25 Jan 2020 (Sat)

Facilities and Cultural activities for International students

13. Facilities and Cultural activities for International students

(1) Japanese Language Program

Japanese language program is available.

(2) Healthcare center

Healthcare center is available in campus.

(3) Cultural Tour

Cultural tour will be organized by NODAI Center for International Programs (CIP).

(4) University Library

This library was founded in April 1968, with a total floor area of 4,112 square meters. This is a unique library in that it functions not only as a university library under the National Library Law but also as an excellent audio visual facility, available for research and education. At present, the library has a collection of approximately 600,000 books and journal of book binding and other materials of which about 80% are related to agricultural sciences. The number of periodicals is about 3700 titles, of which about 1200 are serials. In addition, there are 15 different newspapers subscribed by the association, including English language papers and some local papers. In the library, 76 terminals of computers are installed for library users and "IT stand" is equipped where students can bring in their own computers and work. Not only search in University Library but also search in various database outside TUA is accessible through Internet. Information search is possible through a terminal installed in each laboratory on campus.

(5) Center for International Programs

The NODAI Center for International Programs (CIP) has been established in order to promote international activities of the university in the field of research and education. Tokyo University of Agriculture first entered into cooperative relationship with Michigan State University, USA. in 1966, and since then we have gradually expanded global partnerships. As of July 2019, our global partners account for 42 universities in 30 countries and regions, and CIP plays a key role in promoting international activities with these universities in the form of student and faculty exchange programs. In terms of student exchange, CIP provides students with a variety of opportunities such as short-term farm practice programs, long-term student exchange (ten months / one year), language study and overseas farm training. In addition, the
number of international students in the undergraduate and graduate schools has drastically increased and CIP assists them in their academic and daily life.

(6) **Computer Center: Organization Educational Division**

This division offers courses in Computer Science which are made available to all departments in the University and Junior College. Mainly two courses, Computer Literacy (1) and Computer Literacy (2), are conducted in three computer training rooms which house many personal computers linked to the Educational Local Area Network (ELAN) and connected to the internet. In these courses the introduction to computer science, basic knowledge in data processing is taught, while in the practice of computer science, practical training in programming in computer language is provided with a personal computer linked to the ELAN. The aim of education and practical training is to enable students to use the computer for their graduation thesis research and in their employment after graduation.

14. **Information on Job Placement Assistance Service for International Students**

Job Placement Assistance Service for International Students have been organizing by Tokyo NODAI Carrier Center.

15. **Message for JISR applicants**

In the Department of Agricultural Engineering, a new educational program titled ‘Program on Raising Global Academic Leaders in Agricultural Engineering’ has initiated since April 2016. The objective of this program is to raise Global Academic Leaders in Department of Agricultural Engineering, Graduate School of Agriculture. The actions are to hold updated English Summer Seminar at the Fuji Farm of Tokyo University of Agriculture, to encourage Master and Ph.D. students to make scientific presentations at international conferences as well as contribution to international journals, and to enhance faculty development through holding workshops.