Food & Agriculture for Human Security Program

STUDENT ADMISSION INFORMATION
for
Fall 2019

Period for application for;
  Master’s Course: July 1-5, 2019,
  Doctoral Course: July 1-5, 2019.

Date of examination for;
  Master’s Course: August 20-21, 2019,

Admission capacity for;
  Master’s Course: a few,
  Doctoral Course: a few.

Place of examination:
  Graduate School of Agricultural Science, Tohoku University
I. Background and Objectives

Tohoku University started the International Joint Educational Program of Human Security from April 2005, on the basis of mutual collaboration among four graduate schools comprising Graduate School of Agricultural Science, of Medicine, of International Cultural Studies and of Environmental Studies. Graduate School of Agricultural Science intends to contribute this program in the sector of food and agrarian issues.

The human race has exploited the nature and has promoted the social and economic development so far. This effort has been extremely accelerated after the World War Two. However, various human activities recently have altered the vulnerability of human security and producing new type of problems which would be hardly solved by the existing political, social, economic, and cultural system, particularly amid the post-Cold War advancement of globalization. Poverty and socio-political unrest have deteriorated dignity of the human person in developing countries.

Aiming to contribute to redeeming human dignity, Food & Agriculture for Human Security Program will educate students and conduct researches especially on food security, rural development for poverty alleviation, sustainable agricultural development and resource management.

Program Description

Food & Agriculture: Research and education comprise following issues; food security of both nationwide and household level, farming marketing and diversification of food consumption, food safety and nutrition, rural development, village governance and traditional rural society, sustainable agricultural development and resource management, role sharing between market and government for development, etc. The role sharing between market and government is regarded as the basic and strategic means for achieving development and food security.

Applicants for admission in Food & Agriculture for Human Security Program have to be well versed in the field of social science, economics in particular, and agricultural science. In addition, it is demanded that the applicants have potential ability to exert leadership in the activities for actualizing human security in future.

II. Curriculum and Degree

Food & Agriculture for Human Security Program comprises Compulsory Subjects, Elective Subjects, and Seminar (including extra lectures) and Dissertation.
Course Requirements

Master’s Course (two-year course): more than 30 credits on (1) Compulsory Subjects, (2) Elective Subjects, (3) Seminars and Master thesis.

Doctoral Course (three-year course): more than 14 credits on (1) Compulsory Subjects, (2) Elective Subjects, and (3) Seminars and Doctoral thesis.

Thesis/Dissertation and Final Examination Requirements

Master/Doctoral degree candidates must complete an acceptable thesis/dissertation under the guidance of their supervisor. Candidates also must pass a final oral examination conducted with respect to their thesis/dissertation.

1. Master’s Course Curriculum in 2019

(1) Compulsory Subjects of the Program (10 credits)
   1) International Development Studies
   2) Food Economics
   3) Environmental Resilience and Energy Security
   4) Food & Agricultural Immunology Joint Lecture
   5) Human Security and Global Health

(2) Elective Subjects (10 credits or more)
   1) Basics of Disaster and Safety Sciences
   2) Health and Social Resilience for Large-Scale Disasters
   3) Energy and Resource Resilience Strategies
   4) Environmental Resilience and Sustainability
   5) Global Governance and Safety
   6) Hydrology
   7) Practical on Global Leader Development
   8) other related subjects

(3) Seminars and Master’s Thesis (10 credits)

Students will belong to either (1) International Development Studies Lab, (2) Agricultural Economics and Farm Management Science Lab, (3) Field Science and Technology for Society Lab, or (4) Environmental Economics Lab selected based on research topic. Then students have to take a regular seminar held by supervisor. They must complete the Master’s thesis under the instruction of supervisors by the end of the 2nd year. In addition to the subjects written above, students may take related subjects including the Special Lectures provided by researchers or experts invited from overseas. The subjects, however, cannot be substituted for the compulsory subjects or elective subjects.

2. Doctoral Course Curriculum

   (1) Compulsory and Elective subjects (2 credits or more)
   (2) Seminars and the dissertation of doctoral degree (12 credits)

3. Degrees to be awarded

   (1) Master’s course: Master of Agricultural Science
   (2) Doctral course: Doctor of Philosophy (Agricultural Science)
4. Academic Calendar

The academic year consists of two semesters, first semester from April and second semester from October. The entrance date of the program will be either in April or October.

III. Admission

1. Qualifications for application

Any non-native English speaking applicants for the Master’s and Doctoral Course are requested to take the TOEFL or TOEIC test and must achieve overall TOEFL score of 540 or TOEIC of 700 prior to the deadline (score from a test taken within 2 years prior to the application date).

(1) Applicants for the Master’s Course are required to satisfy one of the following qualifications:
   1) Those who graduated from university or will graduate prior to enrollment.
   2) Those who acquired the Bachelor Degree according to the Clause 4 of Article 104 in the School Education Law of Japan (Law 26 of 1947), or will acquire the Bachelor Degree prior to enrollment.
   3) Those who accomplished the formal education of 16 years abroad or will accomplish prior to enrollment.
   4) Those who accomplished the overseas formal education of 16 years by taking the subjects in Japan through correspondence course or will accomplish prior to enrollment.
   5) Those who accomplished the overseas formal education of 16 years in a educational institution placed in Japan which is designated by the Ministry of Education, Culture, Sports, Science and Technology of Japan or will accomplish prior to enrollment.
   6) Those who have been conferred a degree equivalent to a bachelor's degree upon completion of a curriculum that has a course term of three years or longer at a university or other school (limited to schools whose overall educational and research activities have been evaluated by the relevant country's government or a government-approved individual, or are designated separately as having met this requirement by the Minister of Education) in a foreign country (including cases in which the student completed the curriculum by taking subjects conducted by said school via distance learning while the student resided in Japan, and cases in which the student has completed a curriculum at an educational facility that is positioned within that country's educational system as per the previous item).
   7) Those who have been designated by the Ministry of Education, Culture, Sports, Science and Technology of Japan (Notification No. 5 of the Ministry, 1953).
   8) Those who entered graduate school of other university and whose academic abilities were recognized by the eligibility screening of the GSAS Tohoku University according to the Clause 2 of the Article 102 in the School Education Law.
   9) Those who are not younger than 22 years old and whose academic ability were recognized to be equal to the graduates of university by the eligibility screening of the GSAS Tohoku University. The inquiry deadline for eligibility screening is May 31 2019.
(2) Applicants for the Doctoral Course are required to satisfy one of the following qualifications:

1) Those who acquired the Master Degree or the Professional Degree, or will acquire them prior to enrollment.

2) Those who acquired Degree equal to the Master Degree or the Professional Degree abroad, or will acquire them prior to enrollment.

3) Those who acquired the Master Degree or the Professional Degree abroad by taking the subjects in Japan through correspondence course or will acquire them by above-mentioned means prior to enrollment.

4) Those who were awarded Master Degree by an overseas formal education institution placed in Japan which is designated by the Ministry of Education, Culture, Sports, Science and Technology of Japan, or will be awarded prior to enrollment.

5) Those who were awarded Master Degree by the United Nations University established based on United Nations General Assembly Resolution dated December 11, 1972 as stipulated Article 1, Paragraph 2 of the Act on Special Measures Incidental to Enforcement of the Agreement between the United Nations and Japan regarding the Headquarters of the United Nations University (Act No. 72 of 1976), resulting in the conferral of a degree equivalent to a master’s degree.

6) Those who have completed an educational program at a foreign school, a designated academic institution as described in Item 4 above or United Nations University, have passed an examination or screening equivalent to those set forth in Article 16-2 of the Standards for the Establishment of Graduate Schools (Ministry of Education Ordinance No. 28 of 1974) and have been recognized as having scholastic ability that is at least equivalent to that of someone with a master’s degree.

7) Those who have been designated by the Ministry of Education, Culture, Sports, Science and Technology of Japan as follows:
   i) Those who have been engaged in research activities at university or research institute more than 2 years after graduation, and were recognized his/her academic ability to be equal to those who obtained Master’s Degree or the Professional Degree by the eligibility screening of the GSAS Tohoku University.
   ii) Those who have been engaged in research activities at university or research institute more than 2 years after accomplishing the formal education of 16 years abroad, and were recognized his/her academic ability to be equal to those who obtained Master Degree or the Professional Degree by the eligibility screening of the GSAS Tohoku University.

8) Those who are not younger than 24 years old and were recognized his/her academic ability to be equal to those who obtained Master Degree or the Professional Degree by the eligibility screening of the GSAS Tohoku University. The inquiry deadline for eligibility screening is May 31 2019.

2. Required Documents

Applicants for Human Security and Food & Agriculture Program must submit the following documents in English to the GSAS before the deadline.

(1) Master’s Course
   1) Application Form (specified form)
2) Curriculum Vitae (specified form)
3) Personal Statement of Purpose (specified form)
4) Official transcripts from each university attended
5) Official certificates of graduation and degrees or expected ones issued by each university attended
6) Permit for application from the university attended (only applicants for student transfer)
7) Official score of TOEFL® or TOEIC® from a test taken within 2 years prior to the application date.
8) Examination fee of 30,000 Japanese yen
9) Certificate of Residence (only for applicants currently residing in Japan)
10) Two letters of recommendation
   At least one recommendation should be from a faculty member of the last institution applicant attended as a full time student. Materials, such as reports and thesis, to evaluate applicant’s academic work, intellectual ability and potential for accomplishing program are acceptable.
   * Applicants who are employed at the time of admission must submit a letter of consent from their employer.

(2) Doctoral Course
   1) Application Form (specified form)
   2) Curriculum Vitae (specified form)
   3) Personal Statement of Purpose (specified form)
   4) Official transcripts from each university attended
   5) Official certificates of graduation and degrees or expected ones issued by each university attended
   6) Permit for application from the university attended (only applicants for student transfer)
   7) Official score of TOEFL® or TOEIC® from a test taken within 2 years prior to the application date.
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       * Applicants who are employed at the time of admission must submit a letter of consent from their employer.

TOEFL, TOEFL iBT, TOEFL ITP and TOEIC are registered trademarks of Educational Testing Service (ETS).

3. Screening

The number of students to be admitted is a few. Successful applicants will be decided by the total examinations of submitted documents, interview and language ability. At the interview, applicants will have a 20-minute presentation and 60-minute question-and-answer, in order to examine the applicants’ ability and possibility. Foreign students living abroad will be interviewed through telephone or other method.
Applicants who fall into the qualification of (1)6) of Master’s course are required to make inquiries to Bureau of Educational Affairs, Faculty of Agriculture/Graduate School of Agricultural Science. The inquiry deadline for eligibility screening is **May 31 2019**.

Applicants who fall into the qualification of (1)8) or (1)9) of Master’s course or (2)7) or (2)8) of Doctoral course must satisfy the eligibility requirements before screening. The inquiry deadline for eligibility screening is **May 31 2019**.

### 4. Schedule and Procedure

(1) The deadline for the enrollment of **Fall 2019**. Applications for Master’s Course and for Doctoral Course will be accepted from **July 1 to 5, 2019**. Applications must be sent by express registered letter and arrived before the deadline.

(2) Date of Interview: **August 20-21, 2019** for Master’s Course and for Doctoral Course

(3) Place of Interview: Room N212, Graduate School of Agricultural Science, Tohoku University

(4) **It is necessary for applicants to communicate directly with supervisor whom they desire prior to submitting application documents.**

(5) The Registration Office (postal address): **Bureau of Educational Affairs, Graduate School of Agricultural Science, Tohoku University, 468-1 Aramaki Aza Aoba, Aoba-ku, Sendai, Japan, Post code: 980-8572**

(6) Please browse the following website for downloading the application form, access map to campus and other information of this program.


### 5. Announcement to Successful Applicants and Enrollment Procedure

(1) The result of the screening will be informed to the applicants of overseas by August 29, 2019 by e-mail.

(2) Admission documents will be mailed to successful applicants by the middle of September 2019.

(3) Fees for admission are as follows:
   1) Admission fee: 282,000 yen
   2) First Semester tuition: 267,900 yen (annual tuition: 535,800 yen)
      a. Applicants may pay lump sum for annual tuition, if desired. If the cost of tuition changes during the period of applicant’s enrollment, the new payment system will be applicable.
      b. Information on exemptions for admission, tuition fees or deferment of fees will be included in the admission packet.
   3) The final date for registration is October 1st, 2019.
# Application for Admission

Please use CAPITAL LETTERS and type or neatly print in English.

## Name

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<th>Family Name</th>
<th>Middle Name</th>
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## Date of Birth

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## Present Status

Present Status (with name and address of university or employer)

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## Curriculum Vitae

### Academic Record

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<th>Official Duration (years)</th>
<th>Entrance and Graduation Year /Month /Day</th>
<th>Registered Years</th>
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### Research Activities Record

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### Career Record

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Date: ___________________ Signature:
ADMISSION TICKET TO EXAMINATION

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<th>Examinee’s Number</th>
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PHOTO TICKET

Photograph
(5cmx4cm)

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<th>Examinee’s Number</th>
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<tr>
<th>Degree</th>
<th>Title and Date of Acquisition</th>
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**Official Score of TOEFL® or TOEIC®**
from a test taken within 2 years prior to the application date.
*(Original sheet should be attached)*
PERSONAL STATEMENT OF PURPOSE

Department of Resource and Environmental Economics
Division of Biological Resource Science
Graduate School of Agricultural Science

Name of Applicant: (______________________________)

1. Laboratory (Please select the laboratory which you wish to belong.)

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Supervisor</th>
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<tbody>
<tr>
<td>International Development Studies</td>
<td>K. Fuyuki, Professor</td>
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<tr>
<td></td>
<td>N. Takashino, Associate Professor</td>
</tr>
<tr>
<td>Agricultural Economics and Farm Management Science</td>
<td>F. Ito, Professor</td>
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<tr>
<td></td>
<td>K. Ishii, Associate Professor</td>
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<td>A. Mizuki, Assistant Professor</td>
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<tr>
<td>Field Science and Technology for Society</td>
<td>C. Yoenezawa, Associate Professor</td>
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<td>M. Omura, Assistant Professor</td>
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<td>Environmental Economics</td>
<td>S. Kitani, Professor</td>
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<td>T. Imoto, Associate Professor</td>
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<td>S. Oyamada, Assistant Professor</td>
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2. Statement of Purpose
RECOMMENDATION LETTER
(to be filled out by a scientist familiar with applicant's aptitude. At least one should be from a faculty member of the last institution applicant attended as a full time student.)

<table>
<thead>
<tr>
<th>Name of Applicant</th>
<th>Family Name</th>
<th>First Name</th>
<th>Middle Name</th>
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</table>

I. How long and how well have you known the applicant and in what connection?

II. Please comment on the applicant's previous accomplishments, intellectual independence, capacity for analytical thinking, and state reasons for your supporting this application. (Please use another sheet, if necessary).

Date: __________________ Signature: __________________

Name: (__________________________)

Name of Institution and Position:

Contact Information (E-mail/ Telephone): ____________________________
RECOMMENDATION LETTER

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Date: __________________ Signature: __________________________

Name: (___________________________)

Name of Institution and Position:

Contact Information (E-mail/ Telephone):

_______________________________