



**“Human Security and Environment” program**  
**The Graduate School of Environmental Studies**  
**Tohoku University**

— Guidance for Entrance Examination for April 2018 —



**Application period** : **June 19-July19 , 2017**  
**Examination date** : **August 29-31 , 2017**

May 2017

Graduate School of Environmental Studies, Tohoku University

# The Graduate School of Environmental Studies “Human Security and Environment” program

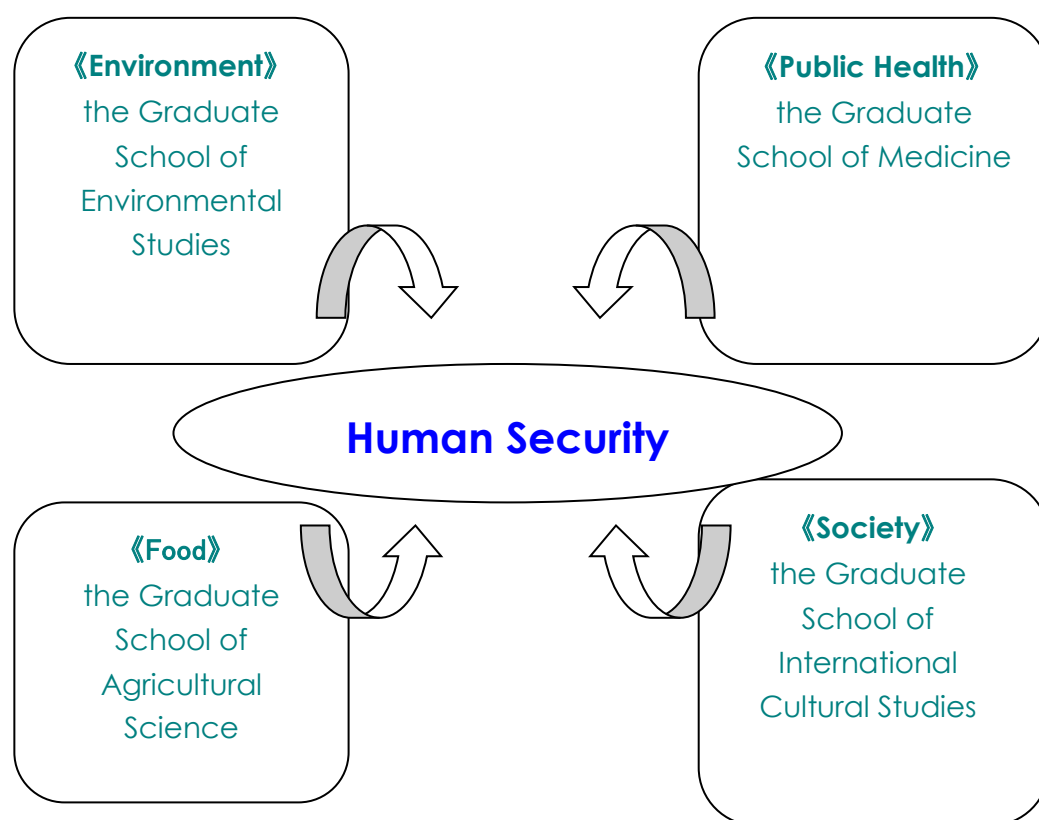
———— Guidance for entrance examination ————

## I Aim

Tohoku University started “the International Joint Educational Program in Human Security” from April 2005, by linking the Graduate School of Agricultural Science, the Graduate School of Medicine, the Graduate School of International Cultural Studies and the Graduate School of Environmental Studies. Our institute, the Graduate School of Environmental Studies, takes part in this program in the environmental perspectives. The human race has been affecting the nature and has promoted the social and economic development so far. However, various human activities recently have altered the global environment and are producing new type of problems to such a degree that by the existing political, social, economic, and cultural system the problems would be hardly solved.

“Human Security and Environment” program educates and researches especially on shortage and contamination of water resource and its exploitation, destruction of forest, desertification, soil deterioration, energy resources, air pollution, climate change, ecological destruction and so on with incorporating global and historical perspectives.

### < Program description >



**Environment:** Research and education on method of settlement and influence of environmental changes in water resources, forest, and climate on the individual and social lives, caused by natural phenomenon and human activities.

**Food & Agriculture:** Research and education on the individual security for foods, for example, security of food supply, economic development and food diversification, quality of food, and administration of food resources and nationalism.

**Public Health:** Research and education on preventable death events, as well as social systems in their back ground, such as infectious diseases, chemical hazards, disasters, medical injuries, etc..

**Society:** Research and education concerning the topics of individual social security problem on the level of daily lives affected by human right, gender, conflict, refugee, and researching how the social security would be established in the changing situation of environments surrounding states and citizens.

Applicants for admission in the “Human Security and Environment” program have to be well versed in the field of Engineering, Science, Social Science, or the Humanities. In addition, it is demanded that the applicants have a possibility to demonstrate a leadership in the field of Human Security in the future.

## II Curriculum and Degree

### A. Curriculum

“Human Security and Environment” program is composed of Compulsory **Core Subjects**, **Basic and Major Subjects**, **Dissertation**, and **Extra Lectures**.

- ① **Compulsory Core Subjects:** Interdisciplinary study which the 4 graduate schools will take charge.
- ② **Basic and Major Subjects:** Study for the specialized field in the Graduate School of Environmental Studies.
- ③ **Master’s Thesis and Seminar (by Advisor)**  
Students have to take Seminar regularly and write and defend the Master’s thesis on the 2<sup>nd</sup> year under your supervisor’s instruction.
- ④ **Doctor’s thesis and Seminar (by Advisor)**  
Students have to take Doctoral course seminar in 1<sup>st</sup> year and Doctoral course training from 2<sup>nd</sup> year. Training is focusing on writing and defending the doctoral thesis.

### B. Degree

Students have to acquire the following credits to be awarded Degrees.

**Master’s Course** (two-year course): more than 30 credits on

- ① Basic and Major Subjects given in the Graduate School of Environmental Studies
- ② Compulsory Core Subjects
- ③ Master thesis and Seminar

**Doctoral Course** (three-year course): more than 16 credits on

- ① Major Subjects given in the Graduate School of Environmental Studies
- ② Compulsory Core Subjects
- ③ Doctoral thesis and Seminar

A Master’s Degree will be “Master of Interdisciplinary Studies” or “Master of Environmental Studies”. A Doctoral Degree will be “Doctor of Philosophy” or “Doctor of Environmental Studies”.

## III Admission

### 1. Qualifications for application

#### A. Conditions for Application

##### 1). Applicants for the Master's Course have to satisfy the following conditions:

- (1) Those who have graduated, or expect to graduate from a university by March 2018.
- (2) Those who have acquired, or expect to acquire a Bachelor degree in compliance with the condition established by Clause 4 of Article 104 of the School Education Law by March 2018.
- (3) Those who have completed, or expect to complete 16 years of education abroad by March 2018.
- (4) Those who have completed, or expect to complete 16 years of foreign education in Japan through a correspondent course of a foreign university or school while residing in Japan by

March 2018.

- (5) Those who have completed, or expect to complete 16 years of a foreign education at educational institution located in Japan that is designated by the Ministry of Education, Culture, Sports, Science and Technology of Japan by March 2018.
  - ※ Educational institution shall be one that has been approved by the educational system of that country and designated by the educational system of that country and the Minister of Education, Culture, Sports, Science and Technology of Japan.
- (6) Those who have been conferred or expect to be 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) by March 2018.
- (7) Those who have graduated from a specialized course of professional school designated by the Minister of Education, Culture, Sports, Science and Technology of Japan, on/ after the date fixed by the Minister , or those expecting to graduate by March 2018.
  - ※ A specialized course shall be more than 4 years and meet other criteria stipulated by the Minister of Education, Culture, Sports, Science and Technology of Japan.
- (8) Those who have been designated as eligible by the Ministry of Education, Culture, Sports, Science and Technology of Japan.
- (9) Those who have entered a graduate school of another university according to clause 2 of Article 102 of the School Education law, and are admitted by Graduate school of Tohoku University to have a sufficient eligibility to study at Graduate school.
- (10) Those who will be 22 years of age or older by the end of March 2018 and are admitted to have achieved an academic standard equivalent to or more than those who have graduated from a university.
- (11) Those who have completed or expect to achieve the below by March 2018.
  - 15 years of school education in foreign country, or 15 years of foreign education through a correspondent course of a foreign university or a school or 15 years of a foreign education at educational institution while residing in Japan, and are admitted to attain required credits with excellent records by Graduate of school of Tohoku University.
  - ※ The educational institution shall be one that has been approved by the educational system of that country and designated by the Minister of Education, Culture, Sports, Science and Technology of Japan.

**2). Applicants for the Doctoral Course of the program have to satisfy the following conditions:**

- (1) Those who have acquired a Master or Professional degree or expect to acquire one by March 2018.
- (2) Those who have acquired a degree on par with a Master or Professional degree abroad, or expect to acquire one by March 2018.
- (3) Those who have acquired a Master or Professional degree abroad through a correspondent course while residing in Japan, or expect to acquire one by March 2018.
- (4) Those who have acquired or expect to acquire a Master or Professional degree at educational institution located in Japan that is designated by the Ministry of Education, Culture, Sports, Science and Technology of Japan by March 2018.
- (5) Those who have completed a course of the United Nations University, and have acquired or expect to acquire the degree equivalent to Master degree by March 2018.
- (6) Those who have completed a course of educational institution which has a course of foreign school or foreign graduate school, or completed that of United Nation University, and are admitted to have achieved an academic standard equivalent to or more than those who possess Master degree by passing the exam and eligibility screening in accordance with clause 2 of article 16 of Graduate School Establishment Standards.
- (7) Those who are designated by the Minister of Education, Culture, Sports, Science and

Technology of Japan as follows;

- i. Engaged in research activities in universities or research institutes for more than 2 years after graduation, and their academic ability were admitted to be equivalent with those who obtained Master's or Professional degree by the eligibility screening of the Tohoku University.
  - ii. Engaged in research activities in universities or research institutes for more than 2 years after completing a formal 16-year school education abroad or 16-year of foreign education in Japan through a correspondent course of a foreign university or school while residing in Japan, and their academic ability were admitted to be equivalent with those who obtained Master's or Professional degree by the eligibility screening of the Tohoku University.
- (8) Those who are over 24 years old and their academic ability were admitted to be equivalent to those who obtained Master or Professional degree by the eligibility screening of the Tohoku University.

## **B. Papers to be required for Application**

It is desirable that the certification should be issued in English. If not, it should be attached by English or Japanese translation.

-We cannot return any documents you submitted.

-We cannot accept any copies, digital files, print-outs from digital files of the certification.

### **< Master's Course, two-year course >**

1. An application form and C.V. (prescribed)
2. A list of student's grades issued by the head of department of the university where applicant graduated
3. A graduate certification issued by the head of department of the university where applicant graduated
4. A degree certification of the Bachelor
5. A formal certificate of TOEFL®test / TOEIC®test score
  - Valid Official Test: TOEFL-iBT, TOEFL-PBT, TOEIC
  - It is necessary to submit the certificate by 10:00 AM of 29 August 2017. We cannot accept the certificate of TOEFL/ TOEIC score that you took test before 2014.
  - We cannot return the certificate of TOEFL/ TOEIC score that you submitted but we will return the Examinee Score Report if you request when you apply.
6. A research proposal
7. A letter of reference
  - It should be written by an academic advisor of the applicant's who can evaluate his or her research ability well through academic activities.
8. Examination fee 30,000 Japanese yen

### **< Doctoral Course, three-year course >**

1. An application form and C.V. (prescribed)
2. A list of student's grades issued by the head of department of the university where applicant graduated
3. A graduate certification issued by the head of department of the university where applicant graduated
4. A degree certification of the Master
5. A formal certificate of TOEFL®test / TOEIC®test score
  - Valid Official Test : TOEFL-iBT, TOEFL-PBT, TOEIC
  - It is necessary to submit the certificate by 10:00 AM of 29 August 2017. We cannot accept the certificate of TOEFL/ TOEIC score that you took test before 2014.
  - We cannot return the certificate of TOEFL/ TOEIC score that you submitted but we will return the Examinee Score Report if you request when you apply.
6. A research proposal
7. A letter of reference
  - The letters should be written by the academic advisers who can evaluate an applicant's research ability through academic activities
8. Thesis and essays that applicants released

9. Examination fee: 30,000 Japanese yen

-It is not necessary for the applicants who are in Master Course or Professional Course of Tohoku University to pay.

**The application documents can be sent by registered mail, with the note “ Human Security Program Application Documents” written in red on the envelope, to the following address:**

**The office of Academic Affairs Section,  
The Graduate School of Environmental Studies, Tohoku University  
Aoba 468-1, Aramaki Aoba-Ku, Sendai, Miyagi 980-0845 Japan**

## **2. Entrance Examination**

### **1) The number of students to be admitted:**

Both quotas on the Master’s course and Doctoral course are a few.  
Entrance date will be in April.

### **2) Application period: Entrance Examination for April 2018.**

Applications for **Master’s Course** and **Doctoral Course** will be accepted **from June 19, 2017 to July 19, 2017**. If posted applications will have arrived after the deadline, we will accept the application postmarked no later than **July 19, 2017**. Office hours are from 9:00 AM to 4:30 PM. (from 12:30PM to 1:30PM will be closed)

### **3) Examination date and details of the entrance examination**

The entrance examination is scheduled on 29-31 August 2017, and the details, such as how the interview is conducted remotely, will be informed you by your supervisor.

\* It is necessary for the applicants to communicate with prospective supervisor before submitting application documents.

## **3. Screening**

Successful applicants will be decided by the total examinations of submitted documents, interview, and language ability. At the interview, applicants have to make 20-minute presentation and 40-minute question-and-answer, in order to be examined his/hers ability and possibility.

## **IV Selection and Announcement of Results**

Result of the entrance examination will be posted on the website of the Graduate School of Environmental Studies at 17:00(Japan time) of Wednesday 6, September 2017.

<http://www.kankyo.tohoku.ac.jp/>

The result will also be mailed to each applicant two days after the online announcement.

Please note that we do not accept any phone call or e-mail for inquiries regarding the result.

## V Fee

### 1) Entrance Fee and Tuition Fee (in 2017)

Entrance fee	282,000 Japanese yen
Tuition fees	535,800 Japanese yen a year (267,900 × 1 <sup>st</sup> and 2 <sup>nd</sup> semester)
Others	Fees for Student insurance and texts

### 2) Exemption and postponement of the entrance fee and tuition fee

There are the systems of the exemption and postponement of the entrance fee and tuition fee for the student who is in the financial difficulties, or suffering from casualties and contingency. Students have to submit the prescribed application form during the period of acceptance. Please ask the administration office about the details of the system.

## VI Administration Office

The Graduate School of Environmental Studies, Tohoku University  
Address: Aoba 468-1, Aramaki Aoba-Ku, Sendai, Miyagi 980-0845 Japan

**E-mail: [kankyo.kyomu@grp.tohoku.ac.jp](mailto:kankyo.kyomu@grp.tohoku.ac.jp)**

Please refer to the following websites for information of this program.

<http://www.kankyo.tohoku.ac.jp> or  
<http://www2.kankyo.tohoku.ac.jp/human-security/>

**2017/2018**  
**“Human Security and Environment”**  
 Graduate School of Environmental Studies  
 International Post-Graduate Program in Human Security, Tohoku University  
**APPLICATION FOR ADMISSION**

Please type or neatly print in English

Please Use CAPITAL LETTERS

Examinee's seat number (for official use)					<b>Photograph</b> 4 × 3 cm (1.6"×1.2") Write your LAST name on the back side
<input type="checkbox"/> Master's course	<input type="checkbox"/> Admission for October/2017				
<input type="checkbox"/> Doctoral course	<input type="checkbox"/> Admission for April/2018				
<b>Name in English</b>					
<b>In Chinese Characters</b> (if applicable)					
<b>Date of Birth</b>	Year	Month	Day	<b>Nationality</b>	
<b>Gender</b>		<input type="checkbox"/> Male <input type="checkbox"/> Female			
<b>Present Status</b> (with name and address of university or employer)					
<b>Present mailing Address</b>	Phone number _____ Fax number _____ E-mail address _____				
<b>Permanent Address</b> (if different from above)	Phone number _____ Fax number _____				
<b>Expected Laboratory</b>					
<b>Expected Supervisor</b>					





2017/2018

**“Human Security and Environment”**

Graduate School of Environmental Studies

International Post-Graduate Program in Human Security, Tohoku University

**RECOMMENDATION LETTER**(to be filled out **by a faculty member** familiar with applicant's aptitude)

	Family name	First name	Middle name
<b>Name of applicant</b>			

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

II. Please evaluate the applicant's previous accomplishments, intellectual independence, capacity for analytical thinking, and state reasons for you're supporting this application. (Please do not hesitate, if necessary, to use a separate sheet).

Faculty Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Contact information (E-mail/ Telephone)

\_\_\_\_\_

\* This is only used for the applicants living in Japan.

2017/2018

**“Human Security and Environment”  
ADMISSION TICKET TO EXAMINATION**

<b>Examinee's seat number</b> (for official use)	
<b>Name</b>	

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\* This is only used for the applicants living in Japan.

2017/2018

**“Human Security and Environment”**

**PHOTO ID**

Photograph 4cm × 3cm  Write your LAST name on the back side
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<b>Examinee's seat number</b> (for official use)	
<b>Name</b>	