



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

— Guidance for Entrance Examination for April / 2012 —

東北大学 大学院環境科学研究科

「ヒューマン・セキュリティと環境」プログラム

— 2012 年 4 月入学募集要項 —



**願書受付 (Application accept) : 4 - 10 January, 2012**  
**試験日時 (Examination date) : 28 February - 1 March , 2012**  
**試験場所 (Examination place) : Aoba-yama Campus, Tohoku**  
**University, Sendai, JAPAN**

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

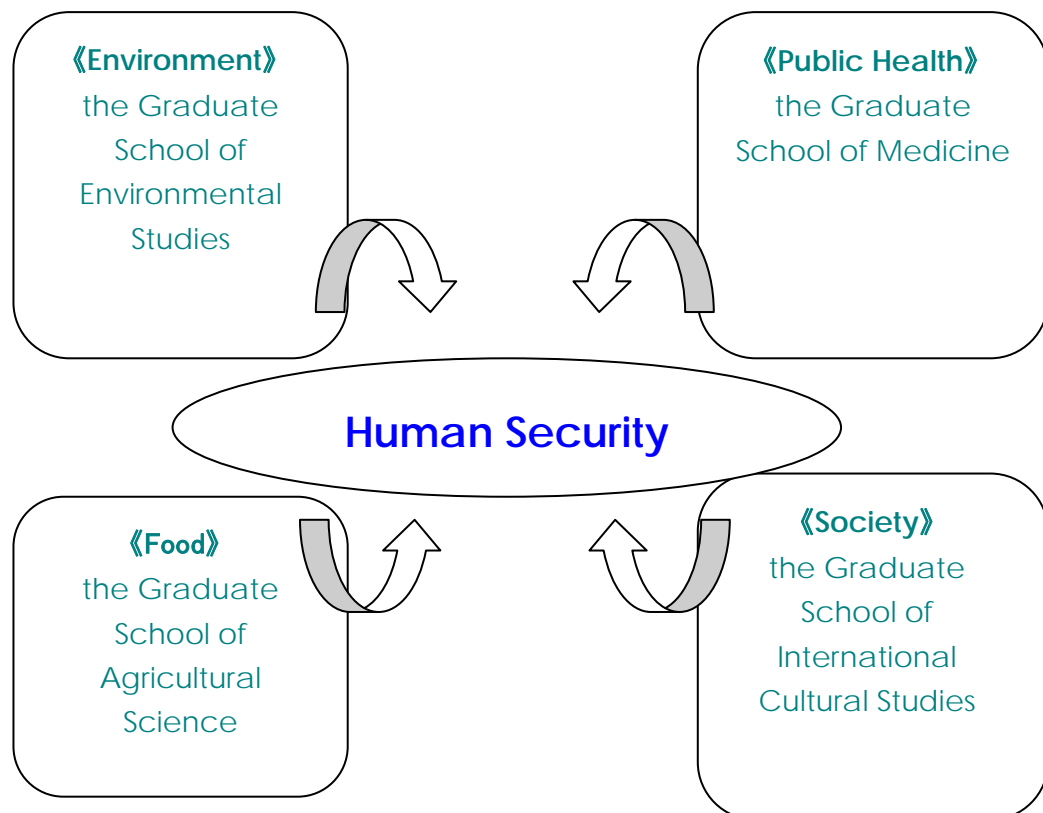
— Guidance for entrance examination —

## 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 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 nationalisms.

**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 supervise for the Master’s dissertation on the 2<sup>nd</sup> year under your supervisor’s instruction.
- ③’ **Doctor’s Thesis and Seminar (by Advisor)**  
Students have to take Doctoral course seminar in 1<sup>st</sup> year and Doctoral course training since 2<sup>nd</sup> year). Training is focusing on the supervising for 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 Degree will be “Master of Interdisciplinary Studies” or “Master of Environmental Studies”. A Doctor 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 demands as follows:
  - (1) Those who already graduated from university or will graduate by March 2012.
  - (2) Those who already acquired the Bachelor Degree according as the 4 Clause of the Article 104 in the School Education Law of Japan, or will acquire the Bachelor Degree by March 2012.
  - (3) Those who already accomplished the School Education of 16 years abroad or will accomplish by March 2012.
  - (4) Those who accomplished the School Education of 16 years abroad by taking the subjects given in Correspondence Course of foreign countries in Japan.
  - (5) Those who were designated by the Minister of Education, Science and Culture of Japan.
  - (6) Those who accomplished the School Education of 15 years abroad or accomplished by taking the correspondence course abroad, and were admitted his/her academic ability by the Graduate Schools of Tohoku University.
  - (7) Those who entered other Graduate School of other university according as the 2 Clause of the Article 102 in the School Education Law, and were admitted his/her academic ability by the Graduate Schools of Tohoku University.
  - (8) Those who are over 22 years old and were admitted his/her equal ability with the graduates of university by the special entrance examination of the Graduate Schools of Tohoku University.
  
- 2). Applicants for **< the Doctoral Course >** have to satisfy the demands as follows:
  - (1) Those who already acquired the Master Degree or the Professional Degree, or will acquire them by March 2012.
  - (2) Those who already acquired Degree equal to the Master Degree or the Professional Degree abroad, or will acquire them by March 2012.
  - (3) Those who acquired the Master Degree or the Professional Degree abroad by taking the subjects given in Correspondence Course of foreign countries in Japan, or will acquire them by above-mentioned means by March 2012.
  - (4) Those who were designated by the Minister of Education, Science and Culture of Japan.
    - ① Those who have been engaged in research activities at university or laboratory more than 2 years after graduation, and were admitted his academic ability equal to the graduates with the Master Degree or the Professional Degree as a result of considering his/her success by the Graduate schools of Tohoku University.
    - ② Those who have been engaged in research activities at university or laboratory more than 2 years after accomplishing the School Education of 16 years abroad, and were admitted his academic ability equal to the graduates with the Master Degree or the Professional Degree as a result of considering his/her success by the Graduate schools of Tohoku University.
  - (5) Those who are over 24 years old and were admitted his/her equal ability with the graduates with the Master Degree or the Professional Degree by the special entrance examination of the Graduate Schools of Tohoku University.

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

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

1. an Application Form and C.V. (prescribed)
2. a list of students' 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
5. a formal certificate of TOEFL/ TOEIC score
6. a research proposal
7. a letter of reference

We will appreciate the thesis, reports and a letter of recommendation that could show the applicants' academic ability.

8. Examination fee 30,000 Japanese yen

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

1. an Application Form and C.V. (prescribed)
2. a list of students' 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
5. a formal certificate of TOEFL/ TOEIC score
6. a research proposal
7. a letter of reference
8. thesis and essays that applicants released
9. Examination fee 30,000 Japanese yen

## **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 and October.

### **2) Application accepts: Entrance Examination for April /2012.**

Applications for **Master's Course** and **Doctoral Course** will be accepted **from 4 January, 2012 to 10 January, 2012**. If posted applications will have arrived after the dead line, we will accept the application postmarked not later than **10 January, 2012**. Office hours are from 9:00 am to 4:30 pm. (from 11:00am to 1:00pm will be closed)

### **3) Examination date: 28 February-1 March, 2012.**

Examination will be done at the Aoba-yama campus of Tohoku University

\*It is necessary for the applicants to arrange an interview with supervisor who you desire 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 examine the applicants' ability and possibility. Foreign students living in abroad will be examined only by the submitted documents, for the moment.

#### IV Fee

##### 1) Admission Fee and Tuition Fee (in 2012)

Admission 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)
Something else	Fees for Student insurance and texts

\* It is possible to pay the tuition fee in a lump sum.

\* Details in the exemption and postponement will be informed when the notification of acceptance is delivered.

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

There are the systems of the exemption and postponement of the admission 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.

#### V Office (postal address)

##### The Registration Office

The Graduate School of Environmental Studies, Tohoku University,

Address: Aoba 6-6-20, Aramaki Aoba-Ku, Sendai, Miyagi 980-8579 Japan

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

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

**“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

<b>Name</b>	Family name		Middle name		First name	
<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 Supervisor</b>						

**APPLICATION FOR ADMISSION**

<b>Academic record</b>				
	Name of institution	Official number of years	Entrance and Graduation 〈Year / Month / Day〉	Registered number of years
Elementary			from _____ to _____	
Secondary			from _____ to _____	
Under graduate			from _____ to _____	
Post graduate			from _____ to _____	
Total years of academic education				
<b>Research activities record</b>				
Name of institution	Position	from (year/ month/ day) to		Number of years
<b>Career record</b>				
Name of Office	Position	from (year/ month/ day) to		Number of years
Date: _____ Signature: _____				

(For foreign students)

<b>Name</b>	Family name																												
	First name																												
	Middle name																												
<b>Degree</b>	Type or name	Acquired date	Name of institution																										

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**RECOMMENDATION LETTER**

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

Name of applicant	Family name	First name	Middle name

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)

\_\_\_\_\_

## ADMISSION TICKET TO EXAMINATION

(This is only used for the applicants living in Japan.)

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

## PHOTO TICKET

(This is only used for the applicants living in Japan.)

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