

**Graduate School of  
Environmental Science,  
Hokkaido University**

**Doctor's Course**

**Admission in April 2011**

**Examination in March 2011**

**Student Application Guidebook**

December 2010

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## Goals of Education

The goals of education in Graduate School of Environmental Science are, on the basis of natural science, to promote education and research for tracking environmental processes and solving global environmental issues, and to foster researchers and professionals who cope with these issues.

## Admission Policy

Graduate School of Environmental Science admits students with strong academic backgrounds in science and motivation for studying various areas of environmental sciences.

## 1. Enrollment Limit

Doctor's Course	
Division	Enrollment
Division of Environmental Science Development	15
Division of Earth System Science	14
Division of Biosphere Science	23
Division of Environmental Materials Science	11
Total	63

\* Contact a supervisor candidate prior to sending the application.

## 2. Admission Qualification

Applicants must be qualified as one of the followings:

- (1) Individuals who have completed the Master's program or Professional degree, or are graduating by March 2011.
- (2) Individuals designated by the Ministry of Education, Culture, Sports, Science and Technology as "those who have graduated from a university or have completed the 16-year education in a foreign country or have completed the 16-year education in a corresponding course provided by a foreign education system, and have worked two years or more for a university, an institution and so on" ; have been qualified by the Graduate School of Environmental Science as having an equivalent or higher educational abilities than those who have graduated from a university.
- (3) Individuals who have an equivalent level of a Master's degree or Professional degree studied in a foreign country.
- (4) Individuals who have completed the Master's degree or Professional degree, or are graduating by March 2011, in a corresponding course provided by a foreign university in Japan.
- (5) Individuals who are 24-year old or more by March 31, 2011; are considered to be academically equivalent of a university graduate (for example, college graduates, foreign school graduates that do not have a Bachelor's degree).

### Notes

Those individuals who apply to category (2) or (5) must submit the designated application form for the preliminary review of application qualification by January 4, 2011. Those who wish to receive a set of application forms for the preliminary review of application qualification by mail should send a return envelope with the category number, applicants name and address written on its front and postal stamps (equivalent to ¥ 120 for ordinary mail or ¥ 390 for express mail) pasted on it.

### Required documents for the preliminary review of application qualification for category (2)

- (i) Designated application form for the preliminary review of application qualification (Prescribed Form a).
- (ii) Curriculum vitae (Prescribed Form b).
- (iii) List of publications (Prescribed Form c).
- (iv) Copy of a diploma from university.
- (v) Academic transcript issued by the president or dean of the university.

- (vi) A certificate or a recommendation letter from the authority of the workplace stating of the duration of the applicant's research career.
- (vii) An essay including reason of application and research plan (A4, 1 sheet)
- (viii) A return envelope (for notification of exam result) with applicant's name and address written on its front and postal stamps equivalent to ¥ 350 pasted on it.

**Required documents for the preliminary review of application qualification for category (5)**

- (i) Designated application form for the preliminary review of application qualification (Prescribed Form a)
- (ii) Curriculum vitae (Prescribed Form b)
- (iii) List of publications (Prescribed Form c)
- (iv) Copy of a diploma from the highest school graduated.
- (v) An essay including (1) study or research career, research outline or job outline, (2) reason of application and (3) research plan (A4, 2 sheets)
- (vi) A return envelope (for notification of exam result) with applicant's name and address written on its front and postal stamps equivalent to ¥ 350 pasted on it.

For further information please contact us personally.

**3. Application Period**

January 11 (Tue) to January 21 (Fri), 2011. 9:00 a.m. to 5:00 p.m. Daily, excluding Saturday and Sunday.

#### 4. Required Documents

Please submit the following to the office.

Application Forms	Remarks
(1) Application form, Resume, Admission card for examination.	The office provides all forms. Designated form must be used.
(2) Identification Photo	A piece of photo taken within 3 months prior to application. (5cm x 4cm) Write your name and preferred division on the back of the photo.
(3) Academic Transcript	A paper should be issued within 3 months prior to application
(4) Graduation Certificate	A certificate of graduation from one's last school issued within 3 months prior to application
(5) Return Envelope (for Admission card for examination(1))	Write name and address on the envelope provided by the office. Paste postal stamps equivalent to ¥ 710.
(6) Reply address label (for Pass/Fail notification)	Write name and address on the label provided by the office.
(7) Screening Fee	¥ 30,000. (Use the enclosed transfer form, after consulting with a supervisor candidate or Academic Affairs Office of the graduate school. The screening fee is non-refundable.)
(8) Master's Thesis summary	About 3 pages on A4 paper. (Those who do not have Master's thesis provide an equivalent report.)
(9) Certificate of Alien Registration or Copy of Passport (only for those Applied)	1) Foreigner who lives in Japan should submit a certificate of alien registration. 2) Foreigner who lives outside of Japan should submit a copy of the passport.
(10) Others	Foreigner supported by Japanese Government Scholarship should submit a copy of the application form for the scholarship.

As for following required documents or matters (described on page 3), please consult with your supervisor candidate.

- (1) Application Form
- (5) Return Envelope (for Admission Card for Examination)
- (6) Reply address label (for Pass/Fail notification)
- (7) Screening Fee

#### 5. Selection

Successful candidates are selected after evaluation of academic skills, and other requirements.

## 6. Examination

Date	Subject Matter	Time	Remarks
March 1 (Tue)	Foreign Language	10:00 - 12:00	English examination Only for foreign students, either Japanese or English is selected.
	Oral Exam	13:00 -	Presentation of Master's thesis or equivalent report, followed by questions. The time and location will be informed in advance.

## 7. Place of Examination

Graduate School of Environmental Science, Hokkaido University  
Kita 10, Nishi 5, Kita-ku, Sapporo  
(Further details provided with return of admission tickets for examination)

## 8. Announcement of Admission

March 7 (Mon) 2011, 3:00p.m.

The list of accepted candidates will be notified on the bulletin board in the lobby of the Graduate School of Environmental Science.

The examination result will be also sent to each applicant by mail.

## 9. Admission of Working Adults

Because the doctor's degree program for working adults may differ among divisions or courses, applicants should consult Academic Affairs Office of the graduate school prior to application.

## 10. Admission Procedures

(1) Those who are admitted to this graduate school will be informed of the procedures enclosed with the examination result.

(2) Admission and tuition fees

① Admission fee ¥282,000

② Annual tuition ¥535,800

(The tuition must be paid by single or semiannual payment)

These fees might be changed.

## 11. Extension of Completion Period

Those who have a job or the other commitments may apply for the completion in a period longer than the ordinary period (3 years), and then, the application will be reviewed carefully. The completion period is not longer than 6 years. Please consult a supervisor candidate.

## 12. Other Information

- (1) Application guidebook in Japanese is also available.
- (2) Applicants in Japan who wish to receive a set of application forms by mail should send a return envelope with the applicants name and address written on its front and postal stamps equivalent to ¥ 390 pasted on it.
- (3) The applicants submitting documents by postal mail, should send them by the registered special delivery mail with a note "Application form for admission to Doctor's Course" written in red on the envelope.
- (4) Once the applicants have submitted the documents, they cannot change the contents.
- (5) Please contact Academic Affairs Office (see below) for more detailed information.
- (6) Personal information protection Policy.  
Hokkaido University uses the applicants' personal information for selection, announcement of admission and admission process to the graduate school. Names and addresses may be used for the correspondence from Hokkaido University Frontier Foundation and allied organizations of the university, (i) Hokkaido University Athletic Union and (ii) the Clark Memorial Foundation at Hokkaido University.

### Address to Submit the Application

Academic Affairs Office (*Gakujutsu Josei Tantou*)  
Graduate School of Environmental Science  
Hokkaido University  
Kita 10-Nishi 5, Kita-ku, Sapporo, 060-0810 Japan  
E-mail : [gakujutu@ees.hokudai.ac.jp](mailto:gakujutu@ees.hokudai.ac.jp)

Academic Staff in Graduate School of Environmental Science, Hokkaido University  
Doctor's Course

NO. 1

Division	Course	Academic Staffs	Division	Course	Academic Staffs	
Division of Environmental Science Development	Human and Ecological Systems	P TAKADA Takenori	Division of Earth System Science	Geochemistry	P KAWAMURA Kimitaka	
		P HIGASHI Seigo			P YOSHIKAWA Hisayuki	
		P HIRAKAWA Kazuomi			P SUGIMOTO Atsuko	
		P TSUYUZAKI Shiro			AP WATANABE Yutaka	
		P WATANABE Teiji			AP YAMAMOTO Masanobu	
		P HARA Toshihiko			AP SUZUKI Koji	
		AP FUJII Masahiko			AP NISHIOKA Jun	
		AP ISHIKAWA Mamoru			AP SEKI Osamu	
		AP SHIRAIWA Takayuki			AP YAMASHITA Yohei	
		AP TOYODA Kazuhiro			AP' IRINO Tomohisa	
		AP SATAKE Akiko			AP' MIYAZAKI Yuzo	
		AP' SATO Tomonori			AP' KAMEYAMA Sohiko	
		AP' NEGISHI Junjiro			Atmosphere-Ocean and Climate Dynamics	P KUBOKAWA Atsushi
		AP' SAWAGAKI Takanobu				P YAMAZAKI Koji
	Environmental Adaptation Science	P FUGETSU Bunshi		P EBUCHI Naoto		
		P TANAKA Shunitz		P HASEBE Fumio		
		AP NIIOKA Tadashi		P MITSUDERA Humio		
		AP TOYODA Kazuhiro		P OHSHIMA Keiichirou		
		AP OKINO Tatsufumi		P FUJIYOSHI Yasushi		
		AP' KURASAKI Masaaki		P WATANABE Tsutomu		
	Practical Science for Environment	P ONO Yugo		P YAMANAKA Yasuhiro		
		P YAMANAKA Yasuhiro		AP TANIMOTO Youichi		
		P SASA Kaichiro		AP FUJIWARA Masatomo		
		P MINAGAWA Masao		AP AOKI Shigeru		
		AP' NEGISHI Junjiro		AP HORINOUCHI Takeshi		
	Global Environmental Management	P MINAGAWA Masao		AP SHIRASAWA Kunio		
		P TANAKA Shunitz		L NAKAMURA Tomohiro		
		P TANAKA Noriyuki		AP' MIZUTA Genta		
		AP ISHIKAWA Mamoru		AP' FUKAMACHI Yasushi		
		AP FUJII Masahiko		AP' KAWASHIMA Masayuki		
				AP' SATO Tomonori		
		AP' TOYOTA Takenobu				
		Cryosphere Science		P FUJIYOSHI Yasushi		
				P WATANABE Tsutomu		
				P SATO Atsushi		
				P Ralf GREVE		
	P MITSUDERA Humio					
	AP SHIRASAWA Kunio					
	AP NAKAI Sento					
	AP ISHIKAWA Mamoru					
	AP SHIRAIWA Takayuki					
	AP AOKI Shigeru					
	L SUGIYAMA Shin					
	AP' ISHII Yoshiyuki					
	AP' KODAMA Yuji					
	AP' SONE Toshio					
	AP' MATOBA Sumito					
	AP' SHIMOYAMA Kou					
	AP' IIZUKA Yoshinori					
	AP' KAWASHIMA Masayuki					
	AP' TOYOTA Takenobu					

※ P=Professor, AP=Associate Professor, L=Lecturer, AP'=Assistant Professor



Academic Staff in Graduate School of Environmental Science, Hokkaido University  
Doctor's Course

NO. 2

Division	Course	Academic Staffs	Division	Course	Academic Staffs	
Division of Biosphere Science	Ecosystem Biology	P TODA Masanori	Division of Environmental Materials Science	Biomaterials Chemistry	P SAKAIRI Nobuo	
		P HARA Toshihiko			P MATSUDA Fuyuhiko	
		P FUKUI Manabu			P TANAKA Shunitz	
		AP SUMIDA Akihiro			P FUGETSU Bunshi	
		AP KASAHARA Yasuhiro			AP YAMADA Koji	
		AP OCHIAI Masanori			AP OKINO Tatsufumi	
		AP' OHDACHI Satoshi			AP' UMEZAWA Taiki	
		AP' ONO Kiyomi			Environmental Nano-Materials	P NAKAMURA Hiroshi
		AP' KOJIMA Hisaya				P SHIMAZU Katsuaki
		AP' HASEGAWA Shigeaki				P KONISHI Katsuaki
	Ecological Genetics	P KIMURA Masahito		AP YOSHIDA Noboru		
		P OHARA Masashi		AP KAMIYA Yuichi		
		AP SUZUKI Hitoshi		AP TOYODA Kazuhiro		
		AP MIURA Toru		AP HIROKAWA Jun		
	Molecular Biology	P MORIKAWA Masaaki		AP KAWAGUCHI Toshikazu		
		AP OKUYAMA Hidetoshi		AP' NAKATA Kou		
		AP YAMAZAKI Ken-ichi		AP' SHICHIBU Yukatsu		
		AP' WASHIO Kenji		Molecular Photonics and Electronic Science	P OHTA Nobuhiro	
		AP' KURASAKI Masaaki			P NAKAMURA Takayoshi	
	AP' MIWA Kyoko	AP NAKABAYASHI Takakazu				
	Plant Ecology	P TAKADA Takenori			AP NORO Shin-ichiro	
		P KOHYAMA Takashi			AP' IIMORI Toshifumi	
		P TSUYUZAKI Shiro			AP' KUBO Kazuya	
		AP HARUKI Masahiro			Environmental Catalytic Chemistry	P OSAWA Masatoshi
		AP KUDO Gaku				P OHTANI Bunsho
	AP' KUBO Takuya	AP YE Shen				
	Animal Ecology	P HIGASHI Seigo				AP ABE Ryu
		AP NIIOKA Tadashi		AP' AMANO Fumiaki		
		AP NODA Takashi				
		AP' KOIZUMI Itsuro				
	Marine Biogeochemistry and Physics	P KISHI Michio				
		P MONTANI Shigeru				
		AP KUDO Isao				
		AP' UENO Hiromichi				
	Aquatic Biology	P UEDA Hiroshi				
		P MOTOMURA Taizo				
		P YAMAHA Etsuro				
		P NAKAOKA Masahiro				
		AP MUNEHARA Hiroyuki				
		AP MIYASHITA Kazushi				
		AP NAGASATO Chikako				
		AP' YOTSUKURA Norishige				
		AP' DENBOU Takashi				
		AP' YAMAMOTO Jun				
		AP' MITANI Youko				
	Forest Conservation	P SASA Kaichiro				
		P KANUMA Kinzaburo				
		P SATO Fuyuki				
		P HIURA Tsutomu				
		P SAITO Takashi				
AP UEMURA Shigeru						
AP KADOMATSU Masahiko						
AP CHA Joo Young						
AP AGETSUMA Naoki						
AP SHIBATA Hideaki						
AP YOSHIDA Toshiya						
AP' NOMURA Mutsumi						
AP' TAKAGI Kentaro						
AP' NAKAZI Tatsuro						
AP' KISHIDA Osamu						
AP' NAKAMURA Masahiro						
AP' FUKUZAWA Karibu						
Agro-Ecosystem Science		P ARAKI Hajime				
		P YAMADA Toshihiko				
		P HATA Hiroshi				
	AP' HIRATA Toshiyuki					
	AP' HOSHINO Yoichiro					

\* P=Professor, AP=Associate Professor, L=Lecturer, AP'=Assistant Professor