



الإدارة المركزية للعلاقات الثقافية
إدارة المنظمات

السيد الأستاذ الدكتور / عبد الرحيم سعد شولج
نائب رئيس جامعه بنها
لشئون الدراسات العليا والبحوث

تحية طيبة وبعد ،،،

أشرف بالإفادة بأنه ورد لأمانه المجلس كتاب وزارة التعليم العالي مرفقا به إعلان عن برنامج المنح الدراسية لدرجه الماجستير والدكتوراه المقدمة من جامعه هوكايدو اليابانية للعام الدراسي ٢٠١٢/٢٠١٣.

ويمكن للطلاب الراغبين في التقدم لهذا البرنامج الاطلاع على الشروط والمستندات المطلوبة .
مرفق الشروط والمستندات المطلوبة واستمارات التقدم .

ترسل الترشيحات على العنوان التالي :-

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برجاء التكرم بالاحاطه واتخاذ اللازم ..

مع موافاة أمانه المجلس بما يتم في هذا الشأن

مع وافر التقدير والاحترام ،،،

رئيس الإدارة المركزية


(نعيم حلمي)
٢٠١٢/٩/٩

مي عبد النبي

٢٠١٢/٩/٩

المجلس الاعلى للجامعات - مبنى جامعة القاهرة - الجيزة - جمهورية مصر العربية
تليفون :- ٣٥٧٣٨٥٨٣ - ٣٥٦٩٧٦٤٥ فاكس :- ٣٥٧٠٦٤٩٠

Student Application Guidebook

Master's Course

2013 Student Application (Admissions in April, 2013)
and
2012 Student Application (Admissions in October, 2012)

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

April 2012

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Goals of Education

The goals of education in the 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. To achieve these aims, the Division of Earth System Science, Division of Biosphere Science, and Division of Environmental Materials Science are established for the study of these fundamental natural science disciplines, and the Division of Environmental Science Development is established to integrate these specialized fields and provide a comprehensive approach to facing environmental issues. Through study at these divisions, we aim to foster the specialized skills required to play an active roll in the international community.

Admission Policy

Graduate School of Environmental Science admits students with strong academic backgrounds in science who are interested in the global environment, the wide range of environmental problems that exist, and how to solve such global issues.

In addition, the Graduate School of Environmental Science also actively accepts working adults who wish to deepen their knowledge in environmental science while continuing to contribute to society, and foreign students who have the burning desire to study at the cutting edge of environmental science. For this reason, the graduate school has developed a diverse entrance examination that centers on confirming whether applicants have the necessary level of general academic ability required for undertaking course tuition and research.

The Graduate School of Environmental Science will hold the following entrance examinations within the 2012 academic year. Please confirm the enrollment period and admission qualifications, and apply for the appropriate entrance examination.

1. Entrance Examinations Held within the 2012 Academic Year

	Entrance Examination	Enrollment Period	Application Period	Examination Date
General Entrance Examination	Fall Entrance Examination for April 2013 Admission (Fall Entrance Examination)	April 2013	July 2 (Mon) to July 13 (Fri) 2012	August 27 (Mon) to August 28 (Tue) 2012
	Entrance Examination for October 2012 Admission (Entrance Examination for October Admission)	October 2012		
	Spring Entrance Examination for April 2013 Admission (Spring Entrance Examination)	April 2013	January 8 (Tue) to January 18 (Fri) 2013	February 28 (Thu) to March 1 (Fri) 2013

Entrance Examination for Selected Candidates	Special Selected Candidate Entrance Examination for April 2013 Admission (Special Selected Candidate Entrance Examination)	April 2013	April 25 (Wed) to May 7 (Mon) 2012	May 28 (Mon) 2012
	Fall Selected Candidate Entrance Examination for April 2013 Admission (Fall Selected Candidate Entrance Examination)	April 2013	October 2 (Tue) to October 15 (Mon) 2012	October 29 (Mon) 2012

* For details on the application period and examination dates, be sure to refer to "6. Selection, Application Period, Subject Matter, Place of Examination, Announcement of Successful Applicants."

* Entrance examinations are hereinafter referred to as "fall entrance examination, entrance examination for October admission, spring entrance examination, special selected candidate entrance examination, and fall selected candidate entrance examination."

2. Enrollment Limit

Master's Course						
Division	October 2012 Admission	April 2013 Admission				
	Enrollment Limit	Capacity	Enrollment Limit			
			Fall Entrance Examination	Spring Entrance Examination	Special Selected Candidate Entrance Examination	Fall Selected Candidate Entrance Examination
Division of Environmental Science Development	Limited places	44	30	10	Not available	Approx. 4
Division of Earth System Science	Limited places #	35	35	Limited places	Not available	Not available
Division of Biosphere Science	Limited places	52	52	Limited places	Not available	Not available
Division of Environmental Materials Science	Limited places	28	20	Limited places	Approx. 4	Approx. 4

* Due to reasons such as the field of research and currently assigned number of students, the spring entrance examination, entrance examination for October admission, special selected candidate entrance examination, and fall selected candidate entrance examination may be cancelled. Before applying, students wishing to sit entrance examinations must inquire to the division or staff member of the division they wish to apply to as indicated below to confirm the availability of their preferred course or supervisor.

Applications are not accepted for October admission to the Course in Atmosphere-Ocean and Climate Dynamics in the Division of Earth System Science.

- Inquiries to Divisions/Staffs

1) If you have decided which division/course to apply to:

If you have decided which course supervisor you want to study under, contact the course supervisor directly by e-mail or telephone. See the Graduate School of Environmental Science homepage for the e-mail address and telephone number of the supervisor you wish to contact. If you wish to apply to the Division of Biosphere Science and have a second preference course supervisor, please contact both the first and second preference course supervisors.

If you have not decided a preferred course supervisor, contact the Head of Division as described in 2) below.

2) If you have not decided which division/course to apply to:

See "10. Division Inquiries," and contact the head of the division that you wish to apply to.

3. Admission Qualifications

(1) Fall Entrance Examination, Spring Entrance Examination

Applicants must be qualified as one of the followings:

- (i) Individuals who are university graduates, or expected graduates by the month before the enrollment period (March 2013 for fall entrance examination or spring entrance examination applicants, or September 2012 for applicants for the entrance examination for October admission).
- (ii) Individuals who have attained or have prospects of attaining a Bachelor's degree from the National Institute for Academic Degrees and University Evaluation in Japan by the month before the enrollment period.
- (iii) Individuals selected by the Ministry of Education, Culture, Sports, Science and Technology
- (iv) Individuals who have finished (or will finish) 16-year education in a foreign country by the

month before the enrollment period.

- (v) Individuals who have finished (or will finish) 16-year education of a foreign country through study at an academic institution within Japan that provides education from a foreign country via distance learning by the month before the enrollment period.
- (vi) Individuals who have completed education for at least 3 years at a university by the month before the enrollment period, individuals who have completed 15 years of education in a foreign country or the corresponding 15 years of education via distance learning at an academic institution within Japan, and who are approved to be eligible by this university by acquiring outstanding results in the academic credits specified by the university. [A preliminary review of admission qualifications is required. Applicants must follow the instructions in 4. Preliminary Review of Admission Qualifications, and submit the required documents]
- (vii) Individuals who are at least 22 years old by the month before the enrollment period, and are considered to be academically equivalent to a university graduate (for example, college graduates, junior college graduates, professional/vocational school graduates, graduates from Japanese branch schools of foreign universities or foreign schools who do not have a Bachelor's degree). [A preliminary review of admission qualifications is required. Applicants must follow the instructions in 4. Preliminary Review of Admission Qualifications, and submit the required documents]

(2) Entrance Examination for October Admission

Division of Environmental Science Development, Division of Environmental Materials Science:

Applicants must be qualified under one of the conditions listed in the preceding paragraph (1).

Division of Earth System Science, Division of Biosphere Science: Applicants must be qualified under one of the conditions listed in the preceding paragraph (1). However, (i), (ii), (iii) and (vii) are limited to working adults wishing to study while continuing their current employment (see below). The Course in Atmosphere-Ocean and Climate Dynamics offered by the Division of Earth System Science does not accept applications for October admission.

(3) Special Selected Candidate Entrance Examination (Division of Environmental Materials Science)

Student due to graduate from an advanced course at a technical junior college in March 2013, and who is recommended by the school or the department head

(4) Fall Selected Candidate Entrance Examination (Division of Environmental Science Development, Division of Environmental Materials Science)

Division of Environmental Science Development: Applicants must be qualified under one of the conditions listed in the preceding paragraph (1).

Division of Environmental Materials Science: Students due to graduate from a domestic four-year college in March 2013

(Note) Working Adult Admissions

If you wish to apply to study at this university while continuing your current career, contact the supervisor with whom you wish to study before applying to thoroughly discuss the entrance examination and learning process after acceptance etc.

4. Preliminary Review of Admission Qualifications

Those individuals who correspond to category (vi) or (vii) in “3. Admission Qualifications” above must submit the required documents for the preliminary review of admission qualifications by the specified date for the preliminary review of admission qualifications. You may not apply to this university unless it is judged in the preliminary review that you have the necessary qualifications.

	Required Documents for the Preliminary Review of Admission Qualification	
	Application Form	Remarks
Admission Qualification (vi)	Designated application form for the preliminary review of admission qualification	Prescribed form
	Curriculum vitae	Prescribed form
	Review form	Prescribed form Issued by the president or dean of the university.
	Academic transcript	
	Copy of a diploma from university	Excluding all students who skipped grades.
	Future goals	No fixed format (A4 paper in portrait orientation, horizontal writing within 400 words)
	A return envelope (for notification of examination result)	Write your name on a standard sized envelope, and paste the equivalent of 350 yen in postage stamps.
Admission Qualification (vii)	Designated application form for the preliminary review of admission qualification	Prescribed form
	Curriculum vitae	Prescribed form
	Copy of a diploma from the highest school graduated	
	Completion certificate from attended high school or most previous school	
	Academic and research history from last graduating school, details of research and actual working experience, and research plan/aspirations after acceptance, in one document	No fixed format (A4 paper in portrait orientation, horizontal writing within 800 words)
	A return envelope (for notification of examination result)	Write your name on a standard sized envelope, and paste the equivalent of 350 yen in postage stamps.

In order to return the documents specified by this university, write your name, address and postal code on a return envelope (24cm x 33.2cm, suitable for A4 paper), and attach postal stamps equivalent to 120 yen (390 yen for express mail). Write "**Request for Preliminary Review of Admission Qualifications (Master's Course) Application Documents**" in red of the front of the envelope, and send your documents and the return envelope to the correct address before the application deadline.

- Application Deadline

Entrance Examination	Submission Deadline for Preliminary Review of Admission Qualification Documents
Fall Entrance Examination	May 28 (Mon) to June 8 (Fri) 2012
Entrance Examination for October Admission	
Spring Entrance Examination	November 19 (Mon) to November 30 (Fri) 2012
Special Selected Candidate Entrance Examination	Not applicable (no preliminary review)
Fall Selected Candidate Entrance Examination	Division of Environmental Science Development: August 20 (Mon) to August 31 (Fri) 2012 Division of Environmental Materials Science: Not applicable (no preliminary review)

All documents will be accepted between 9am to 5pm, excluding Saturdays, Sundays and national holidays. In the case of mail, documents should be sent by registered mail, and must arrive before the deadline.

- Notification of Review Results

All applicants will be notified of the results of the review by the application period by mail.

5. Required Documents

Applicants shall submit the following documents to this graduate school within the application period. In the case of mail, all application documents must be sent by “**Registered Express**” delivery, and the envelope must be marked as “**Admission Forms**” in red. Once applicants have submitted documents, the contents of the documents cannot be changed.

Application Forms	Remarks
(1) Admittance Application	The office provides all forms. Designated form must be used.
(2) Identification Photographs (x 3)	A piece of photo taken within 3 months prior to application. (4cm x 3cm, upper body, facing forwards, with no hats or other headgear.) Write your name and preferred division on the back of the photo, and attach it to the “candidate photograph.”
(3) Academic Transcript	A paper should be issued within 3 months prior to application.
(4) (prospective) 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)	Write the name and address on the envelope provided by the office, and paste postal stamps equivalent to 650 yen (simple registered post/express post).

(6) Reply Address Label (for Pass/Fail Notification)	Write the name and address on the label provided by the office. (Do not attach to return envelope)
(7) Screening Fee	30,000 yen (Use the payment notification form specified by this graduate school to remit payment, and attach the "Screening fee receipt" from the right side of the notification form to the specified section of the application form. The screening fee is non-refundable.)
(8) Essay/Self-recommendation (as required by each division)	An essay or self recommendation written in accordance with the content required by the division or course. (for details on the content, see "Specialized subjects" appended table, pp.16-21 document for the fall entrance examination, October entrance examination, and spring entrance examination. Candidates for the special selected candidate entrance examination and fall selected candidate entrance examination should also refer to 6 (4) "Subject Matter").
(9) Letter of Recommendation (only for special selected candidate and fall selected candidate applicants)	Division of Environmental Science Development: Letters of recommendation from 2 persons who are able to accurately judge the academic ability of the applicant. Please download the letter of recommendation form from the Division of Environmental Science Development homepage. Division of Environmental Materials Science: For the special selected candidate entrance examination, a letter of recommendation from the school principal or head of department (or equivalent person). For the fall selected candidate entrance examination, a letter of recommendation from the subject head or course supervisor (or equivalent person). (Letter should include information on the applicant's general academic knowledge of English and chemistry. No fixed format, approximately 1 A4 sheet in length)
(10) TOEFL or TOEIC Score Sheet (applicants for Division of Environmental Science Development)	Applicants submitting a TOEFL or TOEIC score do not need to sit the English examination. However, they must refer to the separate "Foreign Languages" table and submit the applicable score sheet.
(11) Certificate of Alien Registration or Copy of Passport (only for foreign students)	Foreign students living in Japan should submit the certificate of alien registration that indicates their status of residence in Japan. Foreign students living outside of Japan should submit a copy of their passport.
(12) Other Information	Foreigner supported by Japanese Government Scholarship should submit a copy of the application form for the scholarship.

For details on the application period, see "6. Selection, Application Period, Subject Matter, Place of Examination, Announcement of Successful Applicants."

6. Selection, Application Period, Subject Matter, Place of Examination, Announcement of Successful Applicants

Fall Entrance Examination for April 2013 Admission

(Fall Entrance Examination)

Entrance Examination for October 2012 Admission

(Entrance Examination for October Admission)

(1) Admission Qualifications

Applicants must be qualified under one of the conditions listed in “3. Admission Qualifications” (1).

However, applicants for the entrance examination for October admission to the Division of Earth System Science or Division of Biosphere Science must be qualified under the conditions listed in “3. Admission Qualifications” (2). The Course in Atmosphere-Ocean and Climate Dynamics offered by the Division of Earth System Science does not accept applications for October admission.

(2) Selection

Successful candidates are selected after evaluation of academic skills (foreign languages examination, specified subjects examinations and oral examination), and other requirements.

(3) Application Period

From July 2 (Mon) to July 13 (Fri), 2012.

All documents will be accepted between 9am to 5pm, excluding Saturdays, Sundays and national holidays. (Documents sent by post must also arrive within the application period)

(4) Subject Matter

Date	Subject Matter	Time	Remarks
August 27 (Mon)	Foreign Languages	10:00 - 12:00	Foreign languages of preferred division. (See “Foreign Languages” appended table, p.15)
	Specialized Subjects	13:00 - 15:00	Specialized subjects of the Division of Environmental Science Development, Division of Biosphere Science. (See “Specialized Subjects” appended table, pp.16-18)
		13:00 - 16:00	Specialized subjects of the Division of Earth System Science, Division of Environmental Materials Science. (See “Specialized Subjects” appended table, pp.16-18)
August 28 (Tue)	Oral Examination	Announced later	As the time and location differ depending on the division and course, details of the oral examination will be informed before the foreign languages examination. For details, see “Specialized Subjects” appended table, pp.16-18, and contact the division directly with any inquiries.

(5) Place of Examination

Graduate School of Environmental Science, Hokkaido University (We will provide further details with return of admission cards for examination.)

Kita 10, Nishi 5, Kita-ku, Sapporo

(6) Announcement of Successful Applicants

September 3 (Mon) 2012, 3pm (planned)

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. (Individual applicants will not be informed of results by telephone, e-mail, fax etc.)

Successful applicants will be notified of the admission procedures separately.

Fall Entrance Examination ... Sent mid February 2013

Entrance Examination for October Admission ... Included with acceptance notification

Spring Entrance Examination for April 2013 Admission

(Spring Entrance Examination)

(1) Admission Qualifications

Applicants must be qualified under one of the conditions listed in “3. Admission Qualifications” (1).

(2) Selection

Successful candidates are selected after evaluation of academic skills (foreign languages examination, specified subjects examinations and oral examination), and other requirements.

(3) Application Period

From January 8 (Tue) to January 18 (Fri), 2013.

All documents will be accepted between 9am to 5pm, excluding Saturdays, Sundays and national holidays.

(Documents sent by post must also arrive within the application period)

(4) Subject Matter

Date	Subject Matter	Time	Remarks
February 28 (Thu)	Foreign Languages	10:00 - 12:00	Foreign languages of preferred department. (See “Foreign Languages” appended table, p.15)
	Specialized Subjects	13:00 - 16:00	Specialized subjects of the Division of Earth System Science, Division of Environmental Materials Science. (See “Specialized Subjects” appended table, pp.19-21)
		13:00 - 15:00	Specialized subjects of the Course in Practical Science for Environment in Division of Environmental Science Development. (See “Specialized Subjects” appended table, pp.19-21)
		The Division of Biosphere Science and the Division of Environmental Science Development (excluding the Course in Practical Science for Environment) do not run examinations in the described specialized subjects.	
March 1 (Fri)	Oral Examination	Announced later	As the time and location differs depending on the division and course, the list of oral examination times will be handed out before the 1 st day of the foreign languages examination. For details, see “Specialized Subjects” table, pp.19-21, and contact the division directly with appended any inquiries.

(5) Place of Examination

Graduate School of Environmental Science, Hokkaido University (We will provide further details with return of admission cards for examination.)

Kita 10, Nishi 5, Kita-ku, Sapporo

(6) Announcement of Successful Applicants

March 5 (Tue) 2013, 3pm (planned)

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. (Individual applicants will not be informed of results by telephone, e-mail, fax etc.)

Successful applicants will be notified of the admission procedures separately (included with the pass/fail notification).

**Special Selected Candidate Entrance Examination for April 2013
(Special Selected Candidate Entrance Examination)**

(1) Admission Qualifications

Student due to graduate from an advanced course at a technical junior college in March 2013, and who is recommended by the school or department head

(2) Selection

Successful candidates are selected based on evaluation of technical junior college regular course results and advanced course results, letter of recommendation, essay and oral examination.

(3) Application Period

From April 25 (Wed) to May 7 (Mon), 2012

All documents will be accepted between 9am to 5pm, excluding Saturdays, Sundays and national holidays.

(Documents sent by post must also arrive within the application period)

(4) Subject Matter

Date	Subject Matter	Time	Remarks
May 28 (Mon) Sapporo venue	Oral Examination	Announced later	The oral examination is based on the essay submitted with the application documents, and covers topics such as fundamental knowledge and research interests.
May 28 (Mon) Tokyo venue			

(5) Place of Examination

Sapporo venue: Graduate School of Environmental Science, Hokkaido University (We will provide further details with return of admission cards for examination.)

Kita 10, Nishi 5, Kita-ku, Sapporo

Tokyo venue: Campus Innovation Center (We will provide further details with return of admission cards for examination.)

3-3-6 Shibaura, Minato-ku, Tokyo

(6) Announcement of Successful Applicants

June 5 (Tue) 2012, 3pm (planned)

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. (Individual applicants will not be informed of results by telephone, e-mail, fax etc.)

Successful applicants will be notified of the admission procedures separately (mid February 2013).

**Fall Selected Candidate Entrance Examination for April 2013 Admission
(Fall Selected Candidate Entrance Examination)**

(1) Admission Qualifications

Division of Environmental Science Development: Applicants must be qualified under one of the conditions listed in the Admission Qualifications (1).

Division of Environmental Materials Science: Students due to graduate from a domestic four-year college in March 2013

(2) Selection

Successful candidates are selected based on evaluation of the oral examination, letter of recommendation, self-recommendation or essay, and university grades.

(3) Application Period

From October 2 (Tue) to October 15 (Mon), 2012

All documents will be accepted between 9am to 5pm, excluding Saturdays, Sundays and national holidays.

(Documents sent by post must also arrive within the application period)

(4) Subject Matter

Date	Subject Matter	Time	Remarks
October 29 (Mon) Sapporo venue	Oral Examination	Announced later	<p>(Division of Environmental Science Development) Presentation and oral examination based on the self-recommendation etc. Submission of a self-recommendation (1 A4 sheet) detailing the applicant's self-evaluation of their study abilities after admission. For the Course in Global Environmental Management, applicants shall submit an essay in English on the reasons for their application and the research theme they want to follow within this graduate school (A4 size, approximately 600 words)</p>
October 29 (Mon) Tokyo venue (Division of Environmental Materials Science only)			<p>(Division of Environmental Materials Science) Applicants should submit an essay on the reasons for their application and an overview of research undertaken to date (A4 size, approximately 600 words, may be word processed) included with the application documents. This essay will be the basis of the presentation and oral examination. Seven minutes for the presentation, 8 minutes of Q&A time.</p>

			The oral examination will be on fundamental knowledge and research interests. A liquid crystal projector and computer will be available for the presentation. Therefore, applicants should bring presentation files on a USB flash memory drive.
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(5) Place of Examination

Sapporo venue: Graduate School of Environmental Science, Hokkaido University (We will provide further details with return of admission cards for examination.)

Kita 10, Nishi 5, Kita-ku, Sapporo

Tokyo venue (Division of Environmental Materials Science only) :

Campus Innovation Center (We will provide further details with return of admission cards for examination.)

3-3-6 Shibaura, Minato-ku, Tokyo

(6) Announcement of Successful Applicants

November 6 (Tue) 2012, 3pm (planned)

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. (Individual applicants will not be informed of results by telephone, e-mail, fax etc.)

Successful applicants will be notified of the admission procedures separately (mid February 2013).

7. Admission Procedures

(1) Successful applicants will be informed of the admission procedures separately (See “6. Selection, Application Period, Subject Matter, Place of Examination, Announcement of Successful Applicants”).

(2) Admission Fee

(i) Admission fee 282,000 yen (scheduled amount)

(ii) Annual tuition 535,800 yen (scheduled amount)

(The tuition is paid in 2 installments for the first and second semesters (267,900 yen per semester), but can be paid as a single payment.)

However, the fees stated above are scheduled fee amounts. If the fees are revised at the time of admission or during the course, the new revised fees shall be applied.

8. 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 (2 years), and then, the application will be reviewed carefully. The completion period is not longer than 4 years. Please consult a supervisor candidate.

9. Handling of Personal Information

Name, sex, date of birth, address, and other such personal information provided on application documents is used by Hokkaido University for selection, announcement of admission, and admission processes to the graduate school, and it not used for any other purposes. However, names and addresses may be used for correspondence from Hokkaido University Frontier Foundation, and allied organization of the university, namely (1) Hokkaido University Athletic Union and (2) the Clark Memorial Foundation at Hokkaido University.

10. Division Inquiries

If the division/course that you want to apply to is not fixed, contact one of the divisions below.

Division of Environmental Science Development : kigaku@ees.hokudai.ac.jp

Division of Earth System Science : ess_info@wwwgeo.ees.hokudai.ac.jp

Division of Biosphere Science : envsci@ees.hokudai.ac.jp

Division of Environmental Materials Science : dems@ees.hokudai.ac.jp

11. Other Information

(1) Application guidebook is also available in Japanese.

(2) Applicants in Japan who wish to receive a set of application forms by mail should send a return envelope (24cm x 33.2cm, suitable for A4 paper) that has your name, address and postal code and postal stamps equivalent to 390 yen and “Request for Application Documents (Master’s Course)” written in red on the front to the correct address before the application deadline. (Application form and prospectus will be sent)

(3) For inquiries with regards to submission and application of application documents, and the return of application documents and screening fees, contact the department listed below.

Academic Affairs Office (*Gakujutsu Josei Tantou*)
Graduate School of Environmental Science, Hokkaido University
Kita 10, Nishi 5, Kita-ku, Sapporo, 060-0810 Japan
Tel. (011) 706 – 2204, 2205
E-mail gakujutu@ees.hokudai.ac.jp

End of Document

Appended Table

Foreign Languages (Fall Entrance Examination, Spring Entrance Examination, Entrance Examination for October Admission)

Division	Foreign Languages
Division of Environmental Science Development	<p>Foreign language shall be “English.”</p> <p>Applicants submitting a TOEFL or TOEIC score do not have to sit the English examination. Applicants submitting a score can also sit the English examination. The higher of the two scores will be converted to the English examination result score using a conversion formula specified by the division. (See 5. Required Documents) However, the TOEFL or TOEIC exam score must be from an examination sat within 2 years of the date of the English examination. TOEFL-ITP, TOEIC SW and TOEIC BRIDGE scores are not recognized.</p> <p>However, applicants for the Course in Global Environmental Management should submit a TOEFL or TOEIC score sheet wherever possible.</p>
Division of Earth System Science	<p>Foreign language shall be “English.”</p> <p>TOEFL and TOEIC do not apply.</p>
Division of Biosphere Science	<p>Foreign language shall be “English.”</p> <p>TOEFL and TOEIC do not apply.</p>
Division of Environmental Materials Science	<p>Foreign language shall be “English.”</p> <p>TOEFL and TOEIC do not apply.</p>

[Important Notes for the Submission of TOEFL Score Sheets]

1. Both of the following are required when submitting a TOEFL score sheet.
 - 1) A copy of the Examinee’s Score Record shall be submitted with the application.
 - 2) The Official Score Report shall be sent directly from ETS to the Graduate School of Environmental Science, Hokkaido University.
2. How to Request the Official Score Report
 - 1) When sitting the examination, request that the report is sent to this graduate school with the code number 8744. (free of charge)
 - 2) After sitting the examination, request that the report is sent by ETS from the Additional Score Reports Service to this graduate school with the code number 8744. (charges apply)

Note 1. See the CIEE homepage for details.

<http://www.cieej.or.jp>

2. Be sure to request the Official Score Report as soon as possible to ensure that it arrives at this graduate school by the examination date.

Also, the score must still be valid (within 2 years) on the examination date.

[About the TOEIC Score Sheet]

Submit the original TOEIC official certificate. The certificate will be returned on the examination date. However, if you need the certificate before this date, request a reissuance.

(Note) See the TOEIC homepage for details.

<http://www.toeic.or.jp/>

Appended Table

“Specialized Subjects” (Fall Entrance Examination, Entrance Examination for October Admission)

Division	Course	Specialized Subjects
Division of Environmental Science of Development	<ul style="list-style-type: none"> • Course in Human and Ecological Systems • Course in Environmental Adaptation Science • Course in Global Environmental Management 	<p>Environmental science is a compulsory subject, and all questions must be answered.</p> <p>Two questions will be set in each of the 4 subject areas of (1) mathematics and physics, (2) ecology and geography, (3) environment and society, and (4) chemistry and biology. Candidates shall answer 1 question among 8 questions. Reference documents are available on the homepage.</p>
	<ul style="list-style-type: none"> • Course in Practical Science for Environment 	<p>Candidates shall answer a short essay question on environmental science (environmental education, regional problem solving, global warming, energy and recycling, biodiversity etc.). For details on “Environment, recycling-oriented society, biodiversity white paper”, see http://www.env.go.jp/policy/hakusyo/</p>
Division of Earth System Science	<ul style="list-style-type: none"> • Course in Geochemistry 	<p>Methods for specialized subjects (a) and (b) are listed below. Select either (a) or (b).</p> <p>a) Short essay (reasons for application, research ambitions etc.) and the following special subject examinations. Short essay shall be submitted within the first 60 minutes of the special subject examination. Specialized subjects: Examination contains 2 questions in general chemistry, general biology, general earth sciences and 4 questions in geochemistry. Candidates shall select and answer 2 questions from the 10 choices.</p> <p>b) Candidates shall contact the course tutor by 2 weeks before the application deadline, and shall submit an essay of approximately 1,600 words together with the application documents on the topic requested from the tutor.</p>
	<ul style="list-style-type: none"> • Course in Atmosphere-Ocean and Climate Dynamics 	<p>Candidates shall answer both required and optional questions.</p> <p>Required question: Candidates shall answer all short questions on basic mathematics and physics.</p> <p>Optional questions: Optional questions consist of 7 questions, 2 mathematics questions, 2 physics questions, and 3 geophysics (meteorology, physical oceanography) questions. Candidates shall answer 2 of the 7 questions.</p>

Division	Course	Specialized Subjects
	<ul style="list-style-type: none"> • Course in Cryosphere Science 	<p>Candidates shall choose method (a) or (b) below.</p> <p>a) Candidates shall select and answer questions on 2 of the following 6 subjects: Physics 1, physics 2, chemistry, meteorology, hydrology, and quaternary research. However, candidates shall decide the subjects before application, and write their selection on the margin section of the application form (2). (Note: Physics 1 covers a broad range of applications of physics. Physics 2 covers fundamental mechanics and thermodynamics)</p> <p>b) Candidates shall contact the course tutor by 2 weeks before the start of applications, and shall submit an essay of approximately 1,600 words together with the application documents on the topic requested from the tutor.</p> <p>See the course homepage for more details.</p>
Division of Biosphere Science	All courses	<p>Candidates shall select and answer three questions from the total twelve questions covering three subjects. The three questions can be selected from any subject.</p> <p>1) Subjects on Field Science (4 questions) Questions are based on ecology, agriculture and forestry.</p> <p>2) Subjects on Life Science (4 questions) Questions are based on molecular biology, cell biology and genetics.</p> <p>3) Subjects on Aquatic and Marine Science (four questions) Questions are based on Aquatic Biology, Oceanography, and Fishery Science. The following publications are recommended for candidates sitting for the examinations shown above.</p> <p>1) Subjects on Field Science "Raven/Johnson Biology" Baifukan "Introduction to Ecology", Tokyo Kagaku Doujin</p> <p>2) Subjects on Life Science "Raven/Johnson Biology" Baifukan "Cell Molecular Biology" Newton Press</p> <p>3) Subjects on Subjects on Aquatic and Marine Science "A Handbook on Fisheries Science - Revised Edition" Seibutsu Kenkyusha "Invitation to Oceanography: Paul R. Pinet" Tokai University Press</p>

Division	Course	Specialized Subjects
Division of Environmental Materials Science	All courses	<p>Choose (1) Basic Chemistry Selection and/or (2) Self-recommendation Selection.</p> <p>The basic chemistry selection uses a written examination to judge the candidate's ability in the specialized subjects that form the basis of teaching and research in this division. An interview is held instead of an oral examination. However, in the self-recommendation selection, as the research abilities and ability and aptitude to think through a broad range of topics cannot be accurately judged using a written test, candidates are judged solely on an oral examination.</p> <p>Foreign applicants are required to contact a course supervisor in advance.</p> <p>(1) Basic chemistry selection Answer all questions in general chemistry (2 in physical chemistry and 2 in organic chemistry).</p> <p>(2) Self-recommendation selection Applicants shall submit a self-recommendation (A4 size, approximately 600 words, may be word processed), and the presentation and oral examination shall be based on the self-recommendation. 7 minutes for the presentation, 8 minutes of Q&A time. The oral examination will also cover general academic ability. A liquid crystal projector and computer will be available for the presentation. Therefore, applicants should bring presentation files on a USB flash memory drive.</p> <p>(3) Applications for both selections Candidates may choose both the basic chemistry selection and self-recommendation selection.</p>

Appended Table
“Specialized Subjects” (Spring Entrance Examination)

Division	Course	Specialized Subjects
Division of Environmental Science Development	<ul style="list-style-type: none"> • Course in Human and Ecological Systems • Course in Environmental Adaptation Science • Course in Global Environmental Management 	<p>Oral examination consisting of a presentation on the candidate's graduation thesis or a proposed research theme, and a Q&A session. Working adults and other applicants who have not recently graduated may give a presentation on their recent activities. Applicants for the Course in Global Environmental Management shall deliver their presentation in English, and outline the international significance of their research.</p> <p>Candidates shall bring a computer and use PowerPoint or similar software to make their presentation. Presentations shall be 15 minutes in length. Candidates shall be contacted individually about the venue and timetable.</p>
	<ul style="list-style-type: none"> • Course in Practical Science for Environment 	<p>Candidates shall answer a short essay question on environmental science (environmental education, regional problem solving, global warming, energy and recycling, biodiversity etc.). For details on “Environment, recycling-oriented society, biodiversity white paper”, see http://www.env.go.jp/policy/hakusyo/</p>
Division of Earth System Science	<ul style="list-style-type: none"> • Course in Geochemistry 	<p>Methods for specialized subjects (a) and (b) are listed below. Select either (a) or (b).</p> <p>a) Short essay (reasons for application, research ambitions etc.) and the following special subject examinations. Short essay shall be submitted within the first 60 minutes of the special subject examination.</p> <p>Specialized subjects: Examination contains 2 questions in general chemistry, general biology, general earth sciences and 4 questions in geochemistry. Candidates shall select and answer 2 questions from the 10 choices.</p> <p>b) Candidates shall contact the course tutor by 2 weeks before the application deadline, and shall submit an essay of approximately 1,600 words together with the application documents on the topic requested from</p>
	<ul style="list-style-type: none"> • Course in Atmosphere-Ocean and Climate Dynamics 	<p>Candidates shall submit answers to 4 questions on mathematics and physics (classical physics). Candidates shall answer all 4 questions. Approximately half of the questions cover fundamental knowledge.</p>

Division	Course	Specialized Subjects
	<ul style="list-style-type: none"> • Course in Cryosphere Science 	<p>Candidates shall choose method (a) or (b) below.</p> <p>a) Candidates shall select and answer questions on 2 of the following 6 subjects: Physics 1, physics 2, chemistry, meteorology, hydrology, and quaternary research. However, candidates shall decide the subjects before application, and write their selection on the margin section of the application form (2).</p> <p>(Note: Physics 1 covers a broad range of applications of physics. Physics 2 covers fundamental mechanics and thermodynamics)</p> <p>b) Candidates shall contact the course tutor by 2 weeks before the start of applications, and shall submit an essay of approximately 1,600 words together with the application documents on the topic requested from the tutor.</p> <p>See the course homepage for more details.</p>
Division of Biosphere Science	All courses	<p>No written examinations are held for specialized subjects.</p> <ul style="list-style-type: none"> - Short essay (past studies [including contents of graduation thesis], reasons for application and future aspirations within approximately 1,600 words) This shall be submitted with the application documents. It shall be used as reference in the oral examination. - Oral examination <p>Candidates shall present their graduating thesis or research plan within the time for the specialized subject examination, and an oral examination including a Q&A on the specialized subjects shall be conducted based on the essay, presentation. Presentation time is 15 minutes.</p> <p>A projector etc. can be used for the oral examination presentation.</p> <p>(Candidates will be notified of the oral exam venue and timetable before the foreign languages examination.)</p>

Division	Course	Specialized Subjects
Division of Environmental Materials Science	All courses	<p>Choose (1) Basic Chemistry Selection and/or (2) Self-recommendation Selection.</p> <p>The basic chemistry selection uses a written examination to judge the candidate's ability in the specialized subjects that form the basis of teaching and research in this division. An oral examination is also held at the interview. However, in the self-recommendation selection, as the research abilities and ability and aptitude to think through a broad range of topics cannot be accurately judged using a written test, candidates are judged solely on an oral examination.</p> <p>Foreign applicants are required to contact a course supervisor in advance.</p> <p>(1) Basic chemistry selection Candidates shall answer all 4 questions on basic chemistry (2 in physical chemistry and 2 in organic chemistry.)</p> <p>(2) Self-recommendation selection Candidates shall submit a self-recommendation (A4 size, approximately 600 words, may be word processed), and the presentation and interview shall be based on the self-recommendation. 7 minutes for the presentation, 8 minutes of Q&A time. The oral examination will also cover general academic ability.</p> <p>A liquid crystal projector and computer will be available for the presentation. Therefore, candidates should bring presentation files on a USB flash memory drive.</p> <p>(3) Applications for both selections Candidates may choose both the basic chemistry selection and self-recommendation selection.</p>

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

As of April 1st 2012 The Staff with "*" will go into retirement in March 2013.

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	TSUYUZAKI Shiro			P	SUGIMOTO Atsuko	
		P	WATANABE Teiji			AP	WATANABE Yutaka	
		P	HARA Toshihiko			AP	YAMAMOTO Masanobu	
		P	ARAI Shinichi			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	YAMANAKA Yasuhiro		P		YAMANAKA Yasuhiro	
		AP'	NEGISHI Junjiro		AP		TANIMOTO Youichi	
	Global Environmental Management	P	TANAKA Shunitz		AP		FUJIWARA Masatomo	
		P	TANAKA Noriyuki		AP		AOKI Shigeru	
		P	ARAI Shinichi		AP		HORINOUCHI Takeshi	
		AP	ISHIKAWA Mamoru		AP		FUKAMACHI Yasushi	
		AP	FUJII Masahiko		L	NAKAMURA Tomohiro		
					AP'	MIZUTA Genta		
			AP'		KAWASHIMA Masayuki			
			AP'		SATO Tomonori			
			AP'		TOYOTA Takenobu			
			AP'		MATSUMURA Yoshimasa			
			Cryosphere Science	P	FUJIYOSHI Yasushi			
				P	WATANABE Tsutomu			
				P	Ralf GREVE			
				P	MITSUDERA Humio			
				AP	ISHIKAWA Mamoru			
				AP	SHIRAIWA Takayuki			
				AP	AOKI Shigeru			
				L	SUGIYAMA Shin			
				AP'	ISHII Yoshiyuki			
				AP'	SONE Toshio			
				AP'	MAToba Sumito			
				AP'	SHIMOYAMA Kou			
				AP'	IIZUKA Yoshinori			
				AP'	KAWASHIMA Masayuki			
			AP'	TOYOTA Takenobu				
			AP'	SAWAGAKI Takanobu				

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

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

As of April 1st 2012 The Staff with "*" will go into retirement in March 2013.

NO. 2

Division	Course	Academic Staffs	Division	Course	Academic Staffs
Division of Biosphere Science	Ecosystem Biology	P HARA Toshihiko	Division of Environmental Materials Science	Biomaterials Chemistry	P SAKAIRI Nobuo
		P FUKUI Manabu			P MATSUDA Fuyuhiko
		AP SUMIDA Akihiro			P TANAKA Shunitz
		AP KASAHARA Yasuhiro			P FUGETSU Bunshi
		AP OCHIAI Masanori			AP YAMADA Koji
		AP' OHDACHI Satoshi			AP OKINO Tatsufumi
		AP' ONO Kiyomi			AP' UMEZAWA Taiki
		AP' KOJIMA Hisaya			Environmental Nano-Materials
	AP' HASEGAWA Shigeaki	P SHIMAZU Katsuaki			
	Ecological Genetics	P KIMURA Masahito		P KONISHI Katsuaki	
		P OHARA Masashi		AP YOSHIDA Noboru	
		AP SUZUKI Hitoshi		AP KAMIYA Yuichi	
		AP MIURA Toru		AP TOYODA Kazuhiro	
	Molecular Biology	P MORIKAWA Masaaki		AP HIROKAWA Jun	
		AP OKUYAMA Hidetoshi		AP KAWAGUCHI Toshikazu	
		AP YAMAZAKI Ken-ichi		AP' NAKATA Kou	
		AP' WASHIO Kenji		AP' SHICHIBU Yukatsu	
		AP' KURASAKI Masaaki		Molecular Photonics and Electronic Science	P OHTA Nobuhiro
		AP' MIWA Kyoko			P NAKAMURA Takayoshi
	Plant Ecology	P TAKADA Takenori			AP NAKABAYASHI Takakazu
		P KOHYAMA Takashi	AP NORO Shin-ichiro		
		P TSUYUZAKI Shiro	AP' IIMORI Toshifumi		
		AP HARUKI Masahiro*	AP' KUBO Kazuya		
		AP KUDO Gaku	Environmental Catalytic Chemistry	P OSAWA Masatoshi	
		AP SATAKE Akiko		P OHTANI Bunsho	
		AP' KUBO Takuya		AP YE Shen	
		Animal Ecology		P HIGASHI Seigo*	AP' MOTOBAYASHI Kenta
	AP NIIOKA Tadashi			AP' TAKASE Mai	
	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			
		P MIYASHITA Kazushi			
		AP MUNEHARA Hiroyuki			
		AP NAGASATO Chikako			
		AP YOTSUKURA Norishige			
		AP' DENBOU Takashi			
		AP' YAMAMOTO Jun			
		AP' MITANI Yoko			
	Forest Conservation	P KANUMA Kinzaburo*			
		P SATO Fuyuki			
P HIURA Tsutomu					
P SAITOH Takashi					
P SHIBATA Hideaki					
P YOSHIDA Toshiya					
AP UEMURA Shigeru					
AP KADOMATSU Masahiko					
AP CHA Joo Young					
AP AGETSUMA Naoki					
AP TAKAGI Kentaro					
AP' NOMURA Mutsumi					
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 HOSHINO Yoichiro				
	AP' HIRATA Toshiyuki				

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

Student Application Guidebook

Doctor's Course

2013 Student Application (Admissions in April, 2013)
and
2012 Student Application (Admissions in October, 2012)

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

April 2012

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Goals of Education

The goals of education in the 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. To achieve these aims, the Division of Earth System Science, Division of Biosphere Science, and Division of Environmental Materials Science are established for the study of these fundamental natural science disciplines, and the Division of Environmental Science Development is established to integrate these specialized fields and provide a comprehensive approach to facing environmental issues. Through study at these divisions, we aim to foster the specialized skills required to play an active roll in the international community.

Admission Policy

Graduate School of Environmental Science admits students with strong academic backgrounds in science who are interested in the global environment, the wide range of environmental problems that exist, and how to solve such global issues.

In addition, the Graduate School of Environmental Science also actively accepts working adults who wish to deepen their knowledge in environmental science while continuing to contribute to society, and foreign students who have the burning desire to study at the cutting edge of environmental science. For this reason, the graduate school has developed a diverse entrance examination that centers on confirming whether applicants have the necessary level of general academic ability required for undertaking course tuition and research.

The Graduate School of Environmental Science will hold the following entrance examinations within the 2012 academic year. Please confirm the enrollment period and admission qualifications, and apply for the appropriate entrance examination.

1. Entrance Examinations Held within the 2012 Academic Year

Entrance Examination	Enrollment Period	Application Period	Examination Date
Fall Entrance Examination for April 2013 Admission (Fall Entrance Examination)	April 2013	July 2 (Mon) to July 13 (Fri) 2012	August 27 (Mon) 2012
Entrance Examination for October 2012 Admission (Entrance Examination for October Admission)	October 2012		
Spring Entrance Examination for April 2013 Admission (Spring Entrance Examination)	April 2013	January 8 (Tue) to January 18 (Fri) 2013	February 28 (Thu) 2013

* For details on the application period and examination dates, be sure to refer to "6. Selection, Application Period, Subject Matter, Place of Examination, Announcement of Successful Applicants."

* Entrance examinations are hereinafter referred to as "fall entrance examination, entrance examination for October admission, and spring entrance examination."

2. Enrollment Limit

(1) Enrollment Limit

Doctor's Course				
Division	October 2012 Admission	April 2013 Admission		
	Enrollment Limit	Capacity	Enrollment Limit	
			Fall Entrance Examination	Spring Entrance Examination
Division of Environmental Science Development	Limited places	15	15	Limited places
Division of Earth System Science	Limited places	14	Limited places*	14
Division of Biosphere Science	Limited places	23	23	Limited places
Division of Environmental Materials Science	Limited places	11	11	Limited places

(Note) Students wishing to sit entrance examinations must inquire to the division or supervisor of the division they wish to apply to as indicated in the inquiries section before applying.

* Applicants wishing to apply for the fall entrance examination of the Division of Earth System Science must read the precautions in Application Form (2) [For Applicants to the Division of

Earth System Science] thoroughly before submitting their application. Also, applicants must bring their completed master's thesis or equivalent document with them on the day of the examination.

(2) Inquiries to Divisions/Staffs

- (i) If you have decided which course supervisor you want to study under:
Contact the course supervisor directly by e-mail or telephone. See the Graduate School of Environmental Science homepage for the e-mail address and telephone number of the supervisor you wish to contact.
- (ii) If you have not decided a preferred course supervisor:
See "10. Division Inquiries," and contact the head of the division that you wish to apply to.

3. Admission Qualifications

Applicants must be qualified as one of the followings:

- (1) Individuals who have a master's degree or professional degree, or who are expected to have such a degree by the month before the enrollment period (March 2013 for fall entrance examination or spring entrance examination applicants, or September 2012 for applicants for the entrance examination for October admission)
- (2) Individuals designated by the Ministry of Education, Culture, Sports, Science and Technology [A preliminary review of admission qualifications is required. Applicants must follow the instructions in 4. Preliminary Review of Admission Qualifications, and submit the required documents]
* 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 2 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 a master's degree.
- (3) Individuals who have attained a master's degree or professional degree at a foreign university, or individuals who have the prospect of obtaining such a degree by the month before the enrollment period
- (4) Individuals who have finished education of a foreign country academic institution within Japan via distance learning and obtained a master's degree or professional degree, and individuals who have the prospect of obtaining such a degree by the month before the enrollment period
- (5) Individuals who are at least 24 years old by the month before the enrollment period, and are considered to be academically equivalent to a master's degree or professional degree graduate (for example, college graduates, junior college graduates, professional/vocational school graduates, graduates from Japanese branch schools of foreign universities or foreign schools who do not have a Bachelor's degree). [A preliminary review of admission qualifications is required. Applicants must follow the instructions in 4. Preliminary Review of Admission Qualifications, and submit the required documents]

(Note) Working Adult Admissions

If you wish to apply to study at this university while continuing your current career, contact the supervisor with whom you wish to study before applying to thoroughly discuss the entrance examination and learning process after acceptance etc.

4. Preliminary Review of Admission Qualifications

Those individuals that correspond to (2) or (5) in "3. Admission Qualifications" above must submit the required documents for the preliminary review of admission qualifications by the specified date for the preliminary review of admission qualifications. You may not apply to this university unless it is judged in the preliminary review that you have the necessary qualifications.

	Required Documents for the Preliminary Review of Admission Qualification	
	Application Form	Remarks
Admission Qualification (2)	Designated application form for the preliminary review of admission qualification	Prescribed form
	Curriculum vitae	Prescribed form
	List of publications	Prescribed form
	Copy of a diploma from university	
	Academic transcript	Issued by the president or dean of the university
	A certificate or a recommendation letter from the authority of the workplace stating of the duration of the applicant's research career.	No fixed format (A4 paper in portrait orientation, horizontal writing)
	An essay including reason of application and research plan	A4 paper in portrait orientation, horizontal writing within 400 words
Admission Qualification (5)	A return envelope (for notification of examination result)	Write your name on a standard sized envelope, and paste the equivalent of 350 yen in postage stamps.
	Designated application form for the preliminary review of admission qualification	Prescribed form
	Curriculum vitae	Prescribed form
	List of publications	Prescribed form
	Copy of a diploma from the highest school graduated	
	Academic and research history from last graduating school, details of research and actual working experience, and reason of application/aspirations after acceptance, in one document	No fixed format (A4 paper in portrait orientation, horizontal writing within 800 words)
	A return envelope (for notification of examination result)	Write your name on a standard sized envelope, and paste the equivalent of 350 yen in postage stamps.

In order to return the documents specified by this university, write your name, address and postal code on a return envelope (24cm x 33.2cm, suitable for A4 paper), and attach postal stamps equivalent to 120 yen (390 yen for express mail). Write "**Request for Preliminary Review of Admission Qualifications (Doctor's Course) Application Documents**" in red of the front of the envelope, and send your documents and the return envelope to the correct address before the application deadline.

- Application Deadline

Entrance Examination	Submission Deadline for Preliminary Review of Admission Qualification Documents
Fall Entrance Examination	May 28 (Mon) to June 8 (Fri) 2012
Entrance Examination for October Admission	
Spring Entrance Examination	November 19 (Mon) to November 30 (Fri) 2012

All documents will be accepted between 9am to 5pm, excluding Saturdays, Sundays and national holidays. In the case of mail, documents should be sent by registered mail, and must arrive before the deadline.

- Notification of Review Results

All applicants will be notified of the results of the review by the application period by mail

5. Required Documents

Applicants shall submit the following documents to this graduate school within the application period. In the case of mail, all application documents must be sent by "**Registered Express**" delivery, and the envelope must be marked as "**Admission Forms**" in red. Once applicants have submitted documents, the contents of the documents cannot be changed.

Application Forms	Remarks
(1) Admittance Application	The office provides all forms. Designated form must be used.
(2) Identification Photographs (x 3)	A piece of photo taken within 3 months prior to application. (4cm x 3cm, upper body, facing forwards, with no hats or other headgear.) Write your name and preferred division on the back of the photo, and attach it to the "candidate photograph."
(3) Academic Transcript	A paper should be issued within 3 months prior to application.
(4) (prospective) Graduation Certificate	A certificate of graduation from one's last school issued within 3 months prior to application. Applicants who are expected to complete the Master's Course of this graduate school do not need to submit this.
(5) Return Envelope (for Admission Card for Examination)	Write the name and address on the envelope provided by the office, and paste postal stamps equivalent to 710 yen (simple registered post/express post).
(6) Reply Address Label (for Pass/Fail Notification)	Write the name and address on the label provided by the office. (Do not attach to return envelope)
(7) Screening Fee	30,000 yen (Use the payment notification form specified by this graduate school to remit payment, and attach the "Screening fee receipt" from the right side of the notification form to the specified section of the application form. The screening fee is non-refundable) However, this fee is not required from students who have completed their Master's degree at this university, and who will continue on to the Doctor's course.
(8) Master's Thesis Summary	Within 3 sheets of A4 paper. However, applicants who do not have the Master's thesis shall submit an overview of the thesis.
(9) TOEFL or TOEIC Score Sheet (Division of Environmental Science Development only)	Applicants submitting a TOEFL or TOEIC score do not need to sit the English examination. However, they must refer to the separate "Foreign Languages" table and submit the applicable score sheet.
(10) Certificate of Alien Registration or Copy of Passport (only for foreign students)	Foreign students living in Japan should submit the certificate of alien registration that indicates their status of residence in Japan. Foreign students living outside of Japan should submit a copy of their passport.
(11) Other Information	Foreigner supported by Japanese Government Scholarship should submit a copy of the application form for the scholarship.

For details on the application period, see "6. Selection, Application Period, Subject Matter, Place of Examination, Announcement of Successful Applicants."

6. Selection, Application Period, Subject Matter, Place of Examination, Announcement of Successful Applicants

**Fall Entrance Examination for April 2013 Admission
(Fall Entrance Examination)
Entrance Examination for October 2012 Admission
(Entrance Examination for October Admission)**

(1) Admission Qualifications

Applicants must be qualified under one of the conditions listed in “3. Admission Qualifications.”

(2) Selection

Successful candidates are selected after evaluation of academic skills (foreign languages examination and oral examination), and other requirements.

(3) Application Period

From July 2 (Mon) to July 13 (Fri), 2012

All documents will be accepted between 9am to 5pm, excluding Saturdays, Sundays and national holidays. (Documents sent by post must also arrive within the application period)

(4) Subject Matter

Date	Subject Matter	Time	Remarks
August 27 (Mon)	Foreign Languages	10:00 - 12:00	Foreign language of preferred division. (See “Foreign Languages” separate table)
	Oral Examination	13:00 -	Presentation on the contents of the master’s thesis and Q&A. Projector etc. are available. As the time and location differ depending on the division and course, details of the oral examination will be informed before the foreign language examination.

(5) Place of Examination

Graduate School of Environmental Science, Hokkaido University (We will provide further details with return of admission cards for examination.)
Kita 10, Nishi 5, Kita-ku, Sapporo

(6) Announcement of Successful Applicants

September 3 (Mon) 2012, 3pm (planned)

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. (Individual applicants will not be informed of results by telephone, e-mail, fax etc.)

Successful applicants will be notified of the admission procedures separately.

Fall Entrance Examination ... Sent mid February 2013

Entrance Examination for October Admission ... Included with acceptance notification

**Spring Entrance Examination for April 2013 Admission
(Spring Entrance Examination)**

(1) Admission Qualifications

Applicants must be qualified under one of the conditions listed in "3. Admission Qualifications."

(2) Selection

Successful candidates are selected after evaluation of academic skills (foreign languages examination, specified subjects examination and oral examination), and other requirements.

(3) Application Period

From January 8 (Tue) to January 18 (Fri), 2013.

All documents will be accepted between 9am to 5pm, excluding Saturdays, Sundays and national holidays.

(Documents sent by post must also arrive within the application period)

(4) Subject Matter

Date	Subject Matter	Time	Remarks
February 28 (Thu)	Foreign Languages	10:00 - 12:00	Foreign languages of preferred division. (See "Foreign Languages" separate table)
	Oral Examination	13:00 -	Presentation on the contents of the master's thesis and Q&A. Projector etc. are available. As the time and location differ depending on the division and course, details of the oral examination will be informed before the foreign language examination.

(5) Place of Examination

Graduate School of Environmental Science, Hokkaido University (We will provide further details with return of admission cards for examination.)

Kita 10, Nishi 5, Kita-ku, Sapporo

(6) Announcement of Successful Applicants

March 5 (Tue) 2013, 3pm (planned)

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. (Individual applicants will not be informed of results by telephone, e-mail, fax etc.)

Successful applicants will be notified of the admission procedures separately (included with the pass/fail notification).

7. Admission Procedures

- (1) Successful applicants will be informed of the admission procedures separately (See "6. Selection, Application Period, Subject Matter, Place of Examination, Announcement of Successful Applicants").
- (2) Admission Fee
 - (i) Admission fee 282,000 yen (scheduled amount)
 - (ii) Annual tuition 535,800 yen (scheduled amount)
(The tuition is paid in 2 installments for the first and second semesters (267,900 yen per semester), but can be paid as a single payment.)

However, the fees stated above are scheduled fee amounts. If the fees are revised at the time of admission or during the course, the new revised fees shall be applied.

8. 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.

9. Handling of Personal Information

Name, sex, date of birth, address, and other such personal information provided on application documents is used by Hokkaido University for selection, announcement of admission, and admission processes to the graduate school, and it is not used for any other purposes. However, names and addresses may be used for correspondence from Hokkaido University Frontier Foundation, and allied organization of the university, namely (1) Hokkaido University Athletic Union and (2) the Clark Memorial Foundation at Hokkaido University.

10. Division Inquiries

If the division/course that you want to apply to is not fixed, contact one of the divisions below.

Division of Environmental Science Development	: kigaku@ees.hokudai.ac.jp
Division of Earth System Science	: ess_info@wwwgeo.ees.hokudai.ac.jp
Division of Biosphere Science	: envsci@ees.hokudai.ac.jp
Division of Environmental Materials Science	: dems@ees.hokudai.ac.jp

11. Other Information

- (1) Application guidebook is also available in Japanese.
- (2) Applicants in Japan who wish to receive a set of application forms by mail should send a return envelope (24cm x 33.2cm, suitable for A4 paper) that has your name, address and postal code and postal stamps equivalent to 390 yen, and "Request for Application Documents (Doctor's Course)" written in red on the front to the correct address before the application deadline. (Application form and prospectus will be sent)
- (3) For inquiries with regards to submission and application of application documents, and the return of screening fees, contact the department listed below.

Academic Affairs Office (*Gakujutsu Josei Tantou*)
Graduate School of Environmental Science, Hokkaido University
Kita 10, Nishi 5, Kita-ku, Sapporo, 060-0810 Japan
Tel. (011) 706 – 2204, 2205
E-mail gakujutu@ees.hokudai.ac.jp

Schedule Form

Foreign Languages

Division	Foreign Languages
Division of Environmental Science Development	<p>Foreign language shall be "English."</p> <p>Applicants submitting a TOEFL or TOEIC score do not have to sit the English examination. Applicants submitting a score can also sit the English examination. The higher of the two scores will be converted to the English examination result score using a conversion formula specified by the division. (See 5. Required Documents) However, the TOEFL or TOEIC exam score must be from an examination sat within 2 years of the date of the English examination. TOEFL-ITP, TOEIC SW and TOEIC BRIDGE scores are not recognized.</p> <p>However, applicants for the Course in Global Environmental Management should submit a TOEFL or TOEIC score sheet wherever possible.</p>
Division of Earth System Science	<p>Foreign language shall be "English." TOEFL and TOEIC do not apply.</p>
Division of Biosphere Science	<p>Foreign language shall be "English." TOEFL and TOEIC do not apply.</p>
Division of Environmental Materials Science	<p>Foreign language shall be "English." TOEFL and TOEIC do not apply.</p>

[Important Notes for the Submission of TOEFL Score Sheets]

1. Both of the following are required when submitting a TOEFL score sheet.
 - 1) A copy of the Examinee's Score Record shall be submitted with the application.
 - 2) The Official Score Report shall be sent directly from ETS to the Graduate School of Environmental Science, Hokkaido University.
2. How to Request the Official Score Report
 - 1) When sitting the examination, request that the report is sent to this graduate school with the code number 8744. (free of charge)
 - 2) After sitting the examination, request that the report is sent by ETS from the Additional Score Reports Service to this graduate school with the code number 8744. (charges apply)

Note 1. See the CIEE homepage for details.

<http://www.cieej.or.jp>

2. Be sure to request the Official Score Report as soon as possible to ensure that it arrives at this graduate school by the examination date.

Also, the score must still be valid (within 2 years) on the examination date.

[About the TOEIC Score Sheet]

Submit the original TOEIC official certificate. The certificate will be returned on the examination date. However, if you need the certificate before this date, request a reissuance.

(Note) See the TOEIC homepage for details.

<http://www.toeic.or.jp/>

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

As of April 1st 2012 The Staff with "*" will go into retirement in March 2013.

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 TSUYUZAKI Shiro			P SUGIMOTO Atsuko	
		P WATANABE Teiji			AP WATANABE Yutaka	
		P HARA Toshihiko			AP YAMAMOTO Masanobu	
		P ARAI Shinichi			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				
		AP' SAWAGAKI Takanobu				
	Environmental Adaptation Science	P FUGETSU Bunshi		P KUBOKAWA Atsushi	Atmosphere-Ocean and Climate Dynamics	P YAMAZAKI Koji*
		P TANAKA Shunitz		P EBUCHI Naoto		
		AP NIIOKA Tadashi		P HASEBE Fumio		
		AP TOYODA Kazuhiro		P MITSUDERA Humio		
		AP OKINO Tatsufumi		P OHSHIMA Keiichirou		
		AP' KURASAKI Masaaki		P FUJIYOSHI Yasushi		
	Practical Science for Environment	P YAMANAKA Yasuhiro		P WATANABE Tsutomu		P YAMANAKA Yasuhiro
		AP' NEGISHI Junjiro		AP TANIMOTO Youichi		
	Global Environmental Management	P TANAKA Shunitz		AP FUJIWARA Masatomo		AP AOKI Shigeru
		P TANAKA Noriyuki		AP HORINOUCHI Takeshi		AP FUKAMACHI Yasushi
		P ARAI Shinichi		L NAKAMURA Tomohiro		AP' MIZUTA Genta
		AP ISHIKAWA Mamoru		AP' KAWASHIMA Masayuki		AP' SATO Tomonori
		AP FUJII Masahiko		AP' TOYOTA Takenobu		AP' MATSUMURA Yoshimasa
						Cryosphere Science
				P WATANABE Tsutomu		
				P Ralf GREVE		
				P MITSUDERA Humio		
				AP ISHIKAWA Mamoru		
				AP SHIRAIWA Takayuki		
				AP AOKI Shigeru		
				L SUGIYAMA Shin		
				AP' ISHII Yoshiyuki		
				AP' SONE Toshio		
				AP' MATOBA Sumito		
				AP' SHIMOYAMA Kou		
				AP' IIZUKA Yoshinori		
				AP' KAWASHIMA Masayuki		
				AP' TOYOTA Takenobu		
			AP' SAWAGAKI Takanobu			

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

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

As of April 1st 2012 The Staff with "*" will go into retirement in March 2013.

NO. 2

Division	Course	P	Academic Staffs	Division	Course	P	Academic Staffs
Division of Biosphere Science	Ecosystem Biology	P	HARA Toshihiko	Division of Environmental Materials Science	Biomaterials Chemistry	P	SAKAIRI Nobuo
		P	FUKUI Manabu			P	MATSUDA Fuyuhiko
		AP	SUMIDA Akihiro			P	TANAKA Shunitz
		AP	KASAHARA Yasuhiro			P	FUGETSU Bunshi
		AP	OCHIAI Masanori			AP	YAMADA Koji
		AP'	OHDACHI Satoshi			AP	OKINO Tatsufumi
		AP'	ONO Kiyomi			AP'	UMEZAWA Taiki
		AP'	KOJIMA Hisaya			Environmental Nano-Materials	P
	AP'	HASEGAWA Shigeaki	P		SHIMAZU Katsuaki		
	Ecological Genetics	P	KIMURA Masahito		P		KONISHI Katsuaki
		P	OHARA Masashi		AP		YOSHIDA Noboru
		AP	SUZUKI Hitoshi		AP		KAMIYA Yuichi
		AP	MIURA Toru		AP		TOYODA Kazuhiro
	Molecular Biology	P	MORIKAWA Masaaki		AP		HIROKAWA Jun
		AP	OKUYAMA Hidetoshi		AP		KAWAGUCHI Toshikazu
		AP	YAMAZAKI Ken-ichi		AP'	NAKATA Kou	
		AP'	WASHIO Kenji		AP'	SHICHIBU Yukatsu	
		AP'	KURASAKI Masaaki		Molecular Photonics and Electronic Science	P	OHTA Nobuhiro
		AP'	MIWA Kyoko			P	NAKAMURA Takayoshi
	Plant Ecology	P	TAKADA Takenori			AP	NAKABAYASHI Takakazu
		P	KOYAMA Takashi	AP		NORO Shin-ichiro	
		P	TSUYUZAKI Shiro	AP'		IIMORI Toshifumi	
		AP	HARUKI Masahiro*	AP'		KUBO Kazuya	
		AP	KUDO Gaku	Environmental Catalytic Chemistry		P	OSAWA Masatoshi
		AP	SATAKE Akiko			P	OHTANI Bunsho
		AP'	KUBO Takuya		AP	YE Shen	
		Animal Ecology	P		HIGASHI Seigo *	AP'	MOTOBAYASHI Kenta
	AP		NIIOKA Tadashi		AP'	TAKASE Mai	
	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				
		P	MIYASHITA Kazushi				
		AP	MUNEHARA Hiroyuki				
		AP	NAGASATO Chikako				
		AP'	YOTSUKURA Norishige				
		AP'	DENBOU Takashi				
		AP'	YAMAMOTO Jun				
		AP'	MITANI Yoko				
		Forest Conservation	P	KANUMA Kinzaburo *			
	P		SATO Fuyuki				
	P		HIURA Tsutomu				
P	SAITOH Takashi						
P	SHIBATA Hideaki						
P	YOSHIDA Toshiya						
AP	UEMURA Shigeru						
AP	KADOMATSU Masahiko						
AP	CHA Joo Young						
AP	AGETSUMA Naoki						
AP	TAKAGI Kentaro						
AP'	NOMURA Mutsumi						
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	HOSHINO Yoichiro					
	AP'	HIRATA Toshiyuki					

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