

Academic Year 2023

Graduate School of Life Science

Hokkaido University

Division of Life Science

Division of Soft Matter

Master's Course

(Former Period of Doctoral Program)

Fall Selection

Application Guidelines for the

Entrance Examination

(Admission for International Students Residing Abroad)

September 2022

Important Notice

In order to prevent the spread of COVID-19, the examination may be conducted in a different way from the description on this guideline, or it will be postponed/cancelled.

Personal Information Management by Hokkaido University

- (1) In handling personal information obtained from applicants, Hokkaido University makes every effort to protect this information through appropriate management based on the “National University Corporation Hokkaido University Personal Information Management Rules” and relevant laws and ordinances such as the “Protection Law for Private Information Held by Independent Administrative Corporations”.
- (2) Personal information, such as name, address, etc., provided by the applicant to the university in the process of applying for admission will be used only for 1) assessment of applicants, 2) the announcement of results, 3) enrollment procedures, 4) surveys and research on enrollee selection methods, and 5) business operations pertaining to 1–4.
- (3) Companies commissioned by the University to engage in the relevant operations (hereafter called “commissioned companies”) may handle personal data. Part or all of the personal information submitted to the University by the applicant will be provided to the commissioned companies, to the extent necessary for them to carry out their duties.
- (4) After successful applicants are enrolled, personal information they provided on their application forms will be used for 1) educational affairs (such as registration, educational guidance, etc.), 2) student support services (such as health administration, fellowship applications, etc.), 3) career support and 4) business operations related to their tuition fees and other expenses.
- (5) Among the personal information of (4), only name and address may be used to contact from Hokkaido University Frontier Foundation, Hokkaido University Athletic Union, Alumni Association of the School of Science, Alumni Association of the Faculty of Pharmaceutical Sciences and Alumni Association Elm of Hokkaido University under safety measure.

Admission Policy of Graduate School of Life Science

The Graduate School of Life Science provides students with the training that allows them to acquire an interdisciplinary knowledge of advanced life science, from the level of molecules to organisms. We provide comprehensive education with participation by instructors specialized in fields in the basic and applied life sciences, science, pharmaceutical science, medicine, and agriculture.

• Type of Students We Seek

<Division of Life Science>

The educational goal of training in the Division of Life Science is to enable students to comprehensively understand various living phenomena through biomolecular interactions, and to apply their knowledge and techniques in real life. On these principles and aims, we seek:

1. Students having a strong intention to study not only basic life science but also the primary level of applied life science, as in medicine, pharmaceutical science, veterinary medicine, agriculture, fisheries science and biotechnology, and willing to acquire advanced analytical techniques and broad, in-depth knowledge of life science.
2. Students having technical capabilities for advanced scientific research and having a strong intention to become a research professional in private firms, national or local governments.

<Division of Soft Matter>

The Division of Soft Matter seeks students who desire to be capable of integrating material science and a wide range of life science and developing soft matter science, understanding the structure and function of living matter from the viewpoint of material science, designing and constructing advanced soft matter and applying those finding to other fields.

The Division especially seeks following students.

1. Students who wish to learn basic physics, chemistry and biology and to develop analytical and manufactural techniques in the field of soft matter.
2. Students who wish to acquire technical capabilities for advanced scientific research and to have a strong intention to become educators, researchers or research professional in private firms.

• What is Expected to be Learned Before Admission

1. Basic academic skills and knowledge in Life Sciences
2. Basic knowledge in each specialized field that is necessary to engage in research in the graduate school

• Principle Selection Policy (Multiple-layered Evaluation Method)

【General Category】

By written examination, applicants will be evaluated their levels of “knowledge and skills”, “ability to think/judge/express” and “comprehension.”

By oral examination, applicants will be evaluated their levels of “knowledge and skills”, “ability to think/judge/ express”, “ability to work independently and cooperatively”, “comprehension”, “interest and motivation”, “ability to identify problems” and “ability to solve problems.”

The Graduate School of Life Science will assess applicants on the basis of their entrance examination (written and oral exams) and the application documents (such as a transcript).

【Special Category for International Students】

By oral examination, applicants will be evaluated their levels of “knowledge and skills”, “ability to think/judge/express”, “ability to work independently and cooperatively”, “comprehension”, “interest and motivation”, “ability to identify problems” and “ability to solve problems.”

The Graduate School of Life Science will assess applicants on the basis of their entrance examination and the application documents (such as a transcript).

▪ **Principle Selection Policy** (Evaluation elements and their importance)
【Master's Course (Former Period of Doctoral Program)】

Category of Entrance Examination	Evaluation Element	Key Academic Elements			Comprehension	Interest and motivation	Ability to identify problems	Ability to solve problems
		Knowledge and Skills	Ability to think, judge, and express	Learning Attitude (to take initiative, to cooperate with diverse people)				
General Category	Writing Examination	◎	◎		○			
	Oral Examination	◎	◎	◎	◎	◎	◎	◎
	Application Documents	Comprehensively evaluated						
Special Category for International Students	Oral Examination etc. (※1)	◎	◎	◎	◎	◎	◎	◎
	Application Documents	Comprehensively evaluated						

※1 : Examination will be carried out by using Online Meeting System, etc.

(Note) ◎··Key element we will give great importance on evaluation / ○··Key element we will give importance on evaluation

Special Category for International Students

1. Admission Quota

Division and Course	Admission Quota (Enrollment in April 2023)
Division of Life Science Transdisciplinary Life Science Course Biosystems Science Course Biomedical and Pharmaceutical Science Course	A few students
Division of Soft Matter	A few students

2. Eligibility

An applicant must a) be residing in a country outside Japan and it is difficult to travel to Japan to take the entrance examination, b) has been recognized as having enough competence and scholastic performance by a faculty member of the Graduate School of Science who has agreed to be a supervisor* after enrollment, and c) fulfill one of the following criteria.

- (1) Prior to admission to the Graduate School of Life Science, completed or are expected to complete 16 years of school education outside Japan, or received or are expected to receive a degree equivalent to the bachelor's degree from a university or school outside Japan (limited to the university or school which has received evaluation from the person who is authorized by the government of that country or the relevant agencies regarding the overall performance of its education and research activities, or which has been separately designated by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) as equivalent to the aforementioned) by completing a program that require three years or more of course work (including the case of completing a distance-learning course offered by a school of that country while living in Japan, and the case of completing a study at the institution recognized by the school education system of that country and designated by MEXT);
- (2) Are recognized as having an academic aptitude equivalent or superior to those who graduated a university through the screening for entrance eligibility conducted by the Graduate School of Life Science, and have reached the age of 22 by the enrollment date.

* Applicants must contact their prospective supervisor in advance, and after obtaining his/her acceptance, they will receive a password necessary for online application. In addition, applicants must request their prospective supervisor to write a recommendation letter (discretionary format) and ask them to directly submit it to the Educational Affairs Section during the application period.

3. Pre-assessment of Qualification

Application Period for Pre-assessment: September 12 (Mon.) – 5:00 PM JST on September 15 (Thu.), 2022

The Pre-assessment of Qualifications is held prior to the application period for the entrance examination. Applicants who fall under (2) in “2. Eligible Applicants” must go through this by submitting “6. Application Documents” during the period described above. Applicants must scan all the application documents in PDF format and send them via email

Email address: r-gakuin@sci.hokudai.ac.jp

Applicants who apply for the Pre-assessment of Qualifications should not pay the entrance examination fee at the time of the pre-assessment. They should pay the entrance examination fee in accordance with the notes below.

Notes:

The pre-assessment application results will be sent to applicants around Tuesday, September 27, 2022, by mail; once their qualifications have been accepted by the pre-assessment, applicants must pay the examination fee, in accordance with “5. Application Procedure and Payment of Fees,” within “4. Application Period.

Students who will receive the Japanese Government (MEXT) scholarship, the State-Sponsored Scholarship Program of the China Scholarship Council or the Hokkaido University President's Fellowship (including those

who are expected to receive these scholarships) are not required to pay the examination fee.

4. Application Period

◆ **Online application: September 28 (Wed.), 2022 – 5:00 PM JST on October 3 (Mon.), 2022**

* Note: After completing the online application, applicants must scan all the application documents (see “5. Application Documents”) in PDF format and send them via email by Monday, October 3.

Email address: r-gakuin@sci.hokudai.ac.jp

◆ **Deadline for submission of the application documents by post: 5:00 PM JST on October 11 (Tue.), 2022**

* Note: Aside from sending PDF file, applicants must send hard copies of the application documents by registered mail after online application registration. They must be received by the deadline so consider the time for courier delivery.

Applicants who fall under (1) in “2. Eligible Applicants” must go through application procedures with reference to “5. Application Procedure and Payment of Fees” during the period described above.

Applicants who fall under (2) in “2. Eligible Applicants” must apply for “3. Pre-assessment of Qualification” beforehand. Only successful applicants of pre-assessment can go through application procedures with reference to “5. Application Procedure and Payment of Fees” during the period described above.

5. Application Procedure and Payment of Fees

Applicants must complete all of the following (①-③) by the deadlines specified in “3. Application Period”.

① Online Application Registration

1) Access the Hokkaido University Internet Application website (<https://e-apply.jp/e/hokudai-lsci/>) using the password received from your prospective supervisor.

Notes:

i. Detailed information on the online application procedure has been posted on the website, so please read the operation procedures and precautions in advance.

ii. Applicants must have (or have access to) a printer for printing the application documents, and have an email address capable of receiving notification of registration and payment (cell phone’s email address is not accepted).

2) Follow the instructions on the screen and enter the necessary information.

3) If successfully registered, notification of completion of the registration will be sent to the email address you have provided.

② Payment of the Entrance Examination Fee

Entrance examination fee must be paid in accordance with the instructions provided on the payment procedures screen shown after you complete the online application. Use one of the following methods to make the payment. (Required information and procedures differ depending on the payment method you choose). Please follow the instructions on the screen.

Entrance Examination Fee: 30,000 yen

I. Credit card.

II. Pay-easy (bank ATM, Japan Post bank ATM, or online banking), convenience store, Pay Pay Bank (formerly Japan Net Bank), or Rakuten Bank (formally eBank).

III. ChinaPay (online payment service offered by China UnionPay).

Notes:

i. Along with entrance examination fee, please note about 500 yen will be added as a handling charge.

ii. Student who will receive the Japanese Government (MEXT) scholarship, the State-Sponsored Scholarship Program of the China Scholarship Council, and or the Hokkaido University President’s Fellowship (including those who are expected to receive these scholarships) are not required to pay the examination fee.

* MEXT scholarship students recommended by universities other than Hokkaido University are required to submit a copy of a letter verifying that they have received this scholarship.

iii. The examination fee is not refundable except the following cases:

- The applicant has not submitted an application, or the application was rejected after the application fee was remitted.
- The applicant paid the examination fee twice by mistake.

③ Submission of Application Documents by Post

1) Print the application form and resume that were generated after you completed of the online application registration process and send them along with all other necessary documents (see “6. Application Documents”) in an envelope; affix one of the address labels (printed with the application form and resume) to the envelope, and send it by registered mail (It must be received by the deadline.). Please note that the application documents will not be returned once submitted.

**To: Graduate School Educational Affairs Section
Science and Life Science Administration Department
Hokkaido University
Kita-10 Nishi-8, Kita-ku, Sapporo 060-0810, Japan**

2) The application is considered complete once all documents are received by the Graduate School. Please note that completion of the online application registration alone does not constitute completion of the application procedure.

- Applications received after the application period will not be accepted. Consider the time for courier delivery and be sure to post it well in advance.

6. Application Documents

Documents		Remarks
1	Application Form and Resume.	Print the application form and resume that were generated after completion of the online application registration process, and submit them (print on A-4 size pages). *Applicants who fall under (2) in “2. Eligible Applicants” must prepare and submit the form and resume after their qualifications have been accepted.
2	Application Form for Pre-assessment	Prescribed. *Only for applicants who fall under (2) in “2. Eligible Applicants”. Download the form from the Hokkaido University Internet Application website.
3	Photograph (for Resume)	One photograph (4cm×3cm)
4	Official Transcript issued by the university or similar institution previously attended.	An applicant can also attach recommendation letters from faculty members at the university or similar institution previously attended.
5	Official Certificate of Graduation or Expected Graduation issued by the last university or similar institution previously attended.	An Official Certificate must be issued by the Head of the university or similar institution previously attended. (Degree information should be contained if you have already graduated.) ◎Applicants who have graduated or expect to graduate a university or a similar institution in China (except Hong Kong and Macao) must submit the following document along with an official certificate of (expected) graduation. Applicants who; -Graduated ... (a) Online Verification Report of Higher Education Qualification Certificate (教育部学历证书电子注册备案表) -Are expected to graduate ... (a) Online Verification Report of Student Record (教育部学籍在线验证报告)

		Document (a) can be obtained from the China Credentials Verification (中国高等教育学历证书查询 http://www.chsi.com.cn/xlcx/bgys.jsp) Please make sure the web authentication should be valid at least 15 days at the time of submission.
6	Copy of Passport	Submit a copy of the page of your passport with your name on it.
7	Other documents that the prospective supervisor requests.	

7. Screening Method

The Graduate School will assess applicants on the basis of their application form, resume, official transcripts from academic institutions previously attended, recommendation letter from the prospective supervisor, and all other documents submitted.

8. Announcement of Application Results

The examinees' number of successful applicants will be posted on the website of the Graduate School of Life Science, Hokkaido University, around 4:30 PM on Thursday, November 10, 2022. All applicants are notified of the results by mail.

9. Procedures for Enrollment and Payment of Fees*

All successful applicants are notified of the registration procedure at the time of notification of results.

Enrollment Fee: 282,000 yen (estimated).

Tuition Fee: 267,900 yen. for the first semester [Total annual tuition fee = 535,800 yen] (estimated).

* If the tuition fee is revised during the period of your enrollment, the revised fee becomes effective immediately.

10. Extending the Period of Registration

It is possible to extend the standard years of study at the Graduate School of Life Science. Read "Extending the Period of Registration" on page 7, and submit an application if you wish to take advantage of this system.

If you have any questions regarding the application procedure, please contact the following:

Graduate School Educational Affairs Section
 Science and Life Science Administration Department
 Hokkaido University
 Kita-10 Nishi-8 Kita-ku, Sapporo 060-0810, Japan
 E-mail: r-gakuin@sci.hokudai.ac.jp
Graduate School of Life Science, Hokkaido University
<https://www.lfsci.hokudai.ac.jp/en/>

Extending the Period of Registration

1. Aims

When students under special circumstances such as having a job, etc. (including child and nursing care) have asked for an extension to complete the program for a period exceeding the standard years of study (2 years) with a scheduled plan of study, such scheduled study (hereinafter referred to as "Extended Period of Registration") may be approved after reviewing their application.

2. Intended Students

Students who fall under one of the criteria below and for that reason, wish to set the study period longer than the standard period to complete an academic (research) course:

- (1) Have a full-time job in a public office or company (excluding those who are exempt from job duty but receive a salary), or are self-employed;
- (2) Have a part-time job that has a significant influence on the full-time academic work;
- (3) Are taking care of children or other family members, which has a significant influence on the full-time academic work; or
- (4) Are visually impaired, hearing impaired, physically handicapped, etc., which are deemed to have a significant influence on the academic work for an extended period of time.

3. Attendance Period

The period approved for the Extended Period of Registration is up to 4 years for the master's degree program, and a student can apply for extension by the year. Students who have been approved of Extended Period of Registration may not continue their study beyond the period of adding two years to the Extended Period of Registration.

Students may take a temporary leave of absence from school for up to 2 years, the same as the students under the standard period of study.

4. Application Procedure

(1) Application Period

Please submit complete application documents for Extended Period of Registration and for the entrance examination together.

(2) Required Documents

- ① Application Form for Extended Period of Registration (Form 1)
- ② Research Plan Under Extended Period of Registration (Form 2)
- ③ Documents to prove that an applicant needs to apply for Extended Period of Registration (discretionary format).

(3) Announcement of Application Results

The Graduate School of Life Science reviews each application individually and will notify the results to all the successful applicants of the entrance examination.

5. Annual Tuition Fee

The annual tuition fee is determined by the calculation below for every year of the term.

$$\text{Annual tuition fee for students approved to study for an extended period} = \text{Annual tuition fee for his/her attending year} \times \frac{\text{Regular course term (2 years)}}{\text{Number of years approved for extended study (years)}}$$

6. Other Information

For the details about Extended Period of Registration and request for application documents, please contact the Graduate School Educational Affairs Section, Science and Life Science Administration Department, Hokkaido University.