

2024 Academic Years

**Graduate School of Integrated Sciences for Life
Hiroshima University**

**Application Guidelines
SUISEN NYUSHI(B)**

Master's Course

(April 2024 Admissions)

November 2023

Hiroshima University

Admissions Policy <Master's Course>

The Graduate School of Integrated Sciences for Life, based on its Diploma Policy and Curriculum Policy, expects to admit master's students as described below.

Students who:

1. Have strong eagerness to learn, who wish to acquire deep expertise and understanding in a wide range of fields from the basics to applications that include medical treatment in the areas of study related to biology and life sciences, and who have basic academic knowledge for that purpose;
2. Wish to acquire interdisciplinary problem-searching and problem-solving abilities, which can integrate and link

[Program of Bioresource Science]

Based on its Diploma Policy and Curriculum Policy, this program expects to admit students as described below.

Students who:

1. Have a high level of interest in systematically understanding life phenomena related to the production and use of biological resources based on the studies from the molecular level to ecosystems basis;
2. Have a high interest in understanding and dissolving various problems in the production of biological resources from regional to global scopes regarding roles and trends of biological resources in food production, their application to human life, and their relationships with the natural environment;
3. Have acquired a command of English at the level of completing an undergraduate of university course or higher;
4. Have acquired abilities at the level of completing an undergraduate of university course or higher regarding knowledge, attitude, and skills related to their desired biological resources and science fields; and
5. Have acquired common sense and ethical standards as a working member of society.

In order to admit such individuals, this program selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using interviews, academic tests, and external examinations.

[Program of Life and Environmental Sciences]

Based on its Diploma Policy and Curriculum Policy, this program expects to admit students as described below.

Students who:

1. Have a broad interest in the life science fields from the molecular level to whole environments and ecosystems, and who wish to acquire basic research abilities for a specific field and to learn the theories and methods of understanding and utilizing these abilities from a comprehensive perspective supported by 0(o)54((e)42(1)500(o24(r)40(ts9(

[Program of Mathematical and Life Sciences]

Based on its Diploma Policy and Curriculum Policy, this program expects to admit students as described below.

Students who:

1. Are equipped with basic academic abilities in the fields of mathematics, physics, chemistry, and biology;
2. Have an ambition to open up a new research field for the mathematical science, molecular science, and life science fields as well as integrated fields;
3. Have acquired a command of English at the level of completing an undergraduate of university course or higher; and
4. Have acquired common sense and ethical standards as a working member of society.

In order to admit such individuals, this program selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using interviews, academic tests, and external examinations.

[Program of Biomedical Science]

Based on its Diploma Policy and Curriculum Policy, this program expects to admit students as described below.

Students who:

1. Have an interest in medical and scientific knowledge that can support people's health and longevity, and who aspire to contributing to the development of life science, medical science, and related industrial fields;
2. Can view health and pathologic conditions multilaterally from a basic biological perspective;
3. Have acquired a command of English at the level of completing an undergraduate of university course or higher; and
4. Have acquired common sense and ethical standards as a working member of society.

In order to admit such individuals, this program selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using interviews, academic tests, and external examinations.

2. Basic Policy regarding Admissions Screening

The Graduate School of Integrated Sciences for Life, consisting of the program of Biotechnology, the program of Food and AgriLife Science, the program of Bioresource Science, the program of Life and Environmental Sciences, the program of Basic Biology, the program of Mathematical and Life Sciences, and the program of Biomedical Science, aims to develop postgraduates equipped with the abilities required to pursue a wide range of career paths after completion of their studies. In light of the educational goals and objectives specified in the diploma and curriculum policies of individual departments, we will implement admissions screening based on our diploma policy and curriculum policy, and evaluate individual applicants from a comprehensive and multidimensional perspective. We will also clearly specify the qualities required of students for admission and the evaluation methods.

CONTENTS

Admissions Policy.....	1
1. Number of Students to Be Recruited and Venue for Examinations, etc.....	5
2. Applicant Eligibility	6
3. Application Procedures	6
4. Examination Date and Time	9
5. Screening Criteria	9
6. Announcement of Successful Applicants.....	9
7. Enrollment Fee and Tuition	10
8. Hiroshima University Excellent Student Scholarships	10
9. Personal Information	10
10. Examination Information Disclosure.....	10
11. Frontier Development Program for Genome Editing.....	11
12. Additional Notices.....	12
13. Other Points of Attention	12

[List of Academic Supervisors]

Program of Biotechnology.....	13
Program of Food and AgriLife Science.....	18
Program of Bioresource Science.....	21
Program of Life and Environmental Sciences.....	23
Program of Basic Biology	25
Program of Mathematical and Life Sciences	27
Program of Biomedical Science	30

The Graduate School of Integrated Sciences for Life, Hiroshima University, is recruiting students for the Master's Course in the Department of Integrated Science for Life to be enrolled in April 2024.

1. Number of Students to Be Recruited and Venue for Examinations, etc.

	Program	Number of students to be recruited	Examination Date	Examination Venue	Inquiries • Submission addresses
Department of Integrated Sciences for Life	Biotechnology	A few	One day between January 15 and February 6, 2024 * Please refer to the "Note" below.	*Please refer to the "Note" below.	Support Branch Office for the fields of Science, Hiroshima University 1-3-1, Kagamiyama, Higashi-Hiroshima, 739-8530 TEL: (082) 424-7008, 7009
	Food and AgriLife Science				Support Office for the fields of Biosphere Science (Graduate Student Affairs), Hiroshima University 1-4-4, Kagamiyama, Higashi-Hiroshima, 739-8528 TEL: (082) 424-7908
	Bioresource Science				Support Office for the fields of Integrated Arts and Sciences (Graduate Student Affairs), Hiroshima University 1-7-1, Kagamiyama, Higashi-Hiroshima, 739-8521 TEL: (082) 424-6316
	Life and Environmental Sciences				Support Office for the fields of Science (Graduate Student Affairs), Hiroshima University 1-3-1, Kagamiyama, Higashi-Hiroshima, 739-8526 TEL: (082) 424-7309, 4468
	Basic Biology				
	Mathematical and Life Sciences				
	Biomedical Science				

Note : Examination date, time, and venue will be notified individually later.

2. Applicant Eligibility

Applicants must satisfy one of the following qualifications or be expected to receive any one of the following qualifications by March 31, 2024. Applicants shall be residing in Japan and must make an affirmation of admission when applicants will pass the entrance examination.

- (1) have completed a 16-year course of formal education outside Japan;
- (2) have taken a correspondence course from an overseas educational institution in Japan and completed a 16-year course of formal education;
- (3) have completed an undergraduate course of an overseas-based educational institute located in Japan that has been approved by the Minister of Education, Culture, Sports, Science and Technology (MEXT), whose graduates are regarded as having completed 16-year course of formal education.
- (4) have been conferred, a degree equivalent to a bachelor's degree through attending an overseas university or other overseas school (limited to those whose education and research activities have been evaluated by persons who have been certified by the relevant country's government or a related institution, or have been separately designated by the Ministry of Education, Culture, Sports, Science and Technology as being equivalent to such) and graduated from a course that requires 3 or more years to complete (Includes graduating from a course implemented by the relevant overseas school while living in Japan through distance learning, as well as graduating from a course implemented by an educational facility established with the relevant overseas country's school education system and has received the designation mentioned above).

Be sure to contact each support office in charge of the program before the application period, if you think you have academic achievements equivalent to or higher than those having completed an undergraduate course at a university.

3. Application Procedures

(1) Application methods

Applicants are required to apply using “online application system”, and send the necessary documents by post. (Partially online application hereinafter referred to as “online application”)

<Online application>

- 1) Enter your personal information.
- 2) Pay the application fee, 30,000 yen.
- 3) All application documents must be either sent by mail or delivered in person to the aforementioned address.

Note: Online application, entering necessary information on the website and paying the application fee, is the initial registration process, and doesn't mean the completion of the application procedure. **The application procedure wouldn't be completed without either sending or delivering in person all the necessary application documents by the due date.** Be sure to send or bring in person all the necessary application documents to the support office (the aforementioned address). Application documents must arrive within the specified period at the support office. Fully paper-based application without registering online application cannot be accepted in this graduate school.

(2) Application period

Applicants must complete all of the above procedures (from 1 to 3 in (1)) within the application period.

From January 5, 2024 to January 11, 2024 (No later than 17:00 (JST))

(3) Online application

<For inquiries concerning online application system and UCARO website>	
Online Application Help Desk (Japanese Speaking Only)	TEL.03-5952-3902 Inquires accepted from 10:00 am to 6:00 pm (*Except Saturday, Sunday, national holidays)
UCARO Support Office (Japanese Speaking Only)	TEL03-5952-2114 Inquires accepted from 10:00 am to 6:00 pm (*Except from December 30 to January 3)

- If you have any questions regarding the entrance examination, please contact the support office stated on page 5 in these guidelines. Inquiries are accepted from 8:30 to 17:00. (Except Saturday, Sunday, and national holidays)

<How to apply > Complete the following eight steps within the application period stated below:

5 EE J C EC

Access the online application system from the Hiroshima University Admissions Information web page:
<https://www.hiroshima-u.ac.jp/en/nyugaku>

5 5 E J 4 I C J 7 4 I E

Hiroshima University uses the UCARO website for the process from the application to enrollment procedures.

UCARO is an Internet application and enrollment procedure support system.

Account registration for UCARO is required for all applicants (free of charge) and it enables applicants to use the above online application system and complete the enrollment procedures.

5 JC J J EE

Enter the alphanumeric code (consisting of 8 or more characters) which you received from the Graduate School.

Applicants who wish to exempt the entrance examination fee should contact the support office (page 5) before applying. Those applicants who are judged to be applicable will receive the Account.

5 C EC CC J C EC

Follow the instruction on the screen and enter your name, address, etc.

5 J E C E C C J

Confirm the necessary documents when they are shown and upload a digital photo of yourself.

※The uploaded photo, which will be used for identification at the examination, will be also used for your student ID card after enrollment and will be maintained in the university's educational system until graduation.

Therefore, please upload an appropriate photo for use after enrollment as well.

Once uploaded, your photo will not be allowed to be replaced.

A fee of JPY 1,000 will be charged for changing the content of your student ID card (photo and your name) after enrollment.

5 C CE C C ,

Choose the method of payment from the following list. For applications from outside Japan, only credit card payments can be accepted.

1. Credit Cards: VISA, MasterCard, JCB, AMERICAN EXPRESS, Diners Club

2. Convenience Stores: 7-Eleven, LAWSON, MINISTOP, FamilyMart, Daily Yamazaki, Seicomart

3. Banking facilities' ATM 【Pay-easy】

4. Online Banking

(Note)

*In addition to the entrance examination fee, applicants must cover the remittance fees.

*Applicants need to pay the Processing Fee (The amount of Processing Fee will be notified at the time of online application).

Important notices regarding the entrance examination fee

The examination fee, once paid, will not be refunded for any reason.

However, in cases (1) and (2) below, the examination fee is refundable after deducting the bank transfer fee. Therefore in such cases, please clearly write the "reason for demand of refund", "name", "postal code", "address", "transfer destination information" and "contact telephone number" in the prescribed format given from the university and send it to the address mentioned page 5 by postal mail by Thursday, February 22 2024. (In any case, the Online Application Processing Fee is ineligible for a refund.)

(1) If the application documents have not been submitted, or if they have not been accepted

(2) If duplicate payments of the entrance examination fee have been made in error

5 C I C E E C EC 0 6 E

You will be issued with a Registration Number (not your Examinee's Number). Please make a note of it or to print out a copy of the computer screen showing the number. The Registration Number is needed for confirming the application details later, and for sending the application documents by post.

5 5 C EC E

Submission Address: Each support office (see page 5)

All application documents must be either sent by registered mail or delivered in person to the support office. If you submit the application documents directly to the support office, application documents are accepted from 8:30 to 17:00 on a weekday. Please note that the office is closed on Saturday, Sunday, and national holiday.

If you send the application documents by mail, you must send them by registered mail and ensure that the documents reach the office by Thursday, January 11, 2024. Should the application documents fail to reach the office by that date, however, those postmarked on or before Monday, January 8, 2024 can be accepted.

On the envelope, please write “Application for the Program of ○○○○○, the Graduate School of Integrated Sciences for Life, Hiroshima University” in red ink.

(4) Documents to be submitted (Specified forms can be downloaded from the Home Page.)

A	Academic Transcripts	Should be prepared and signed by the president/dean of the university from which you have graduated and sealed securely.
B	Certificate of (Expected) Graduation	Should be prepared and signed by the president/dean of the university from which you have graduated. *If you are a graduate or a current student of a university in China, please obtain the following document by requesting it at “中国高等教育学历证书查询(CHSI)” (http://www.chsi.com.cn/xlcx/bgys.jsp), and submit it to us together with “毕业证书(Certificate of Graduation)” and “学士 (硕士) 学位证书 (Bachelor/Master's Diploma)”. • Graduates: Online Verification Report of Higher Education Qualification Certificate (教育部学历证书电子注册备案表) • Expected Graduates: Online Verification Report of Student Record (教育部学籍在线验证报告) Please note that applicants must pay the issuing fee for the Online Verification Report (2 元/ certificate) by themselves. Also be sure that there are 15 or more days left until the expiration date of the online verification at the time of its submission.
C	Curriculum vitae	(Use the official form) All the schools/educational institutions you have enrolled in shall be written.
D	Personal Statement	(Use the official form: Summarized within 2 pages) Should be described yourself and the reason for applying for this graduate school.
E	Research Plan	(Use the official form) Submit the research plan in master’s course written in about 400 English words.
F	Reference Materials	Submit a score certificate (original) of the Japanese -Language Proficiency Test (JLPT) and/ or the TOEIC® / TOEFL® test, <u>if you have</u> . (The certificate will be returned to you after confirmation by the office.)
G	Return Envelope	A self-addressed standard-size envelope with appropriate postage (stamps)

(5) Address for submission of application documents:

Please see page 5 of these application guidelines.

(6) Pre-arrangements for special needs applicants

Those who require special consideration for taking examinations and/or pursuing an academic program due to a disability or other legitimate reason must first contact the Support Office (see page 5) and then submit a statement of information as described below (in free format) to provide advance notice so that necessary arrangements may be made.

(a) Period of statement submission: From December 4, 2023 to December 6, 2023

(b) Information to include in the statement

[1] Applicant's name, address, and contact telephone number

[2] Name of the last school attended, the name of program in which you wish to enroll, and the name of the expected academic supervisor

[3] Type and degree of disability (If you are being treated, please submit a medical certificate.)

[4] Requested consideration regarding examinations

[5] Requested consideration after enrollment

[6] Arrangements made at school(s) previously attended

[7] Description of daily life

4. Examination Date and Time

Examination Date	Examination	Time
One day between January 15 and February 6, 2024	Interview (oral) (about 30 minutes/person)	※

* Examination date, time, and venue will be notified individually later.

5. Screening Criteria

Screening will be based on the results of examinations (documents screening and interview).

The decision will be made based on a comprehensive evaluation of the application documents and interview (evaluated by grade-based scores: maximum 100points each)

The oral examination (interview) consists of questions which evaluate the applicant's eligibility for his/her high motivation for learning at our graduate school, necessary basic knowledge in graduate course, and English/Japanese-language ability.

6. Announcement of Successful Applicants

12:00 (expected), Friday, February 16, 2024

(1) The Graduate School will send letters of acceptance to successful applicants. If you do not receive the letter by Thursday, February 22 even if your ID number is on the list of successful applicants, please inquire at each support office (page 5).

(2) Successful applicants' ID numbers will be released on the website of the Graduate School of Integrated Sciences for Life, Hiroshima University. Please note that the announcement of the website will be unofficial. Official announcement will be made via the letters of acceptance. The office will not accept inquiries by phone regarding the results of the examinations.

7. Enrollment Fee and Tuition Fee

Payment

Enrollment Fee: ¥282,000

Tuition Fee: ¥535,800 per year (¥267,900 per semester)

- (1) The enrollment fee, once paid, will not be refunded for any reason.
- (2) The enrollment fee and tuition shown above were correct as of April 2023. If they are changed, students must pay the revised amount.
- (3) Details of enrollment procedures, which will be conducted in mid-March, 2024 for April admission, will be notified later to successful applicants.

8. Hiroshima University Excellent Student Scholarships

To inspire students to study hard and to foster excellent human resources, Hiroshima University institutes its own scholarship system that supports students who show excellent performances at their research achievement and so on.

9. Personal Information

Your personal information (name, date of birth, sex, etc.) provided for screening will be used solely for the purpose of screening, announcement of results, and enrollment procedures. After your enrollment, the University will manage the information to use it for student support activities (filing applications for scholarships and for waiving/discounting tuitions, etc.), and survey and research activities (for instance, surveys and analyses of applicants in order to improve screening systems). The University shall neither appropriate the information for any other purpose nor provide it to individuals/groups other than faculty or staff members of the University.

10. Examination Information Disclosure

The disclosure of examination results (considered as personal information) may be requested in the following manner:

- (1) Obtain an examination information disclosure application form:
Write to the address below, indicating on the envelope 入試情報開示申請書請求 or "Examination Information Disclosure Application Form Request," enclosing a self-addressed return envelope (long No. 3 type, 120 mm×235 mm) bearing the examinee's name, address and postal code and an 94 yen stamp.
- (2) Complete the examination information disclosure application form, and send by post the documents listed below between April 1 and May 31, 2024 (postmarked) to the address below.
 - ① Completed examination information disclosure application form
 - ② Original Examination Card for the admission examination of the Graduate School of Integrated Sciences for Life, Hiroshima University (a copy will not be accepted; the original Card will be returned at the time of information disclosure)
 - ③ Self-addressed return envelope (long No. 3 type, 120 mm × 235 mm) bearing the examinee's name, address and postal code and a 414 yen stamp.Disclosure Applicants may be requested to correct any submitted documents found to be inappropriate.
- (3) The Graduate School of Integrated Sciences for Life will send a notice of examination information disclosure to the Disclosure Applicant by simplified registered mail within 30 days from the receipt of the application form.

11. Frontier Development Program for Genome Editing

Hiroshima University has launched the Frontier Development Program for Genome Editing, which was selected as a WISE program by MEXT in 2018. This program consists of the Life Science Course (5-year curriculum) and the Medical Course (4-year curriculum), providing students with the opportunity to acquire basic and applied knowledge and to learn techniques of genome editing. This program aims to develop human resources that master genome editing technology and connect it directly to industry.

Life Science Course (5-year curriculum)

In the first and second years, students will learn basic and advanced genome editing techniques. From the third year, they will conduct research utilizing the knowledge they have acquired. Through basic courses on social implementation of technologies and internships, they will be trained to become experts able to work at the cutting edge of genome editing technology.

Admission

The Life Science Course of the Frontier Development Program for Genome Editing is open to students who will be admitted to the Master's Course of the Graduate School of Integrated Sciences for Life in April 2024.

Those who wish to enroll in this program must apply for this program in addition to applying to the Graduate School. For details, please visit the website at the following URL.

- * The prospective advisor of the applicant must be someone from the list of faculty members of the Frontier Development Program for Genome Editing.
- * Students in this program must fulfill the requirements for both their major in the Graduate School and this program simultaneously.

URL : <https://genome.hiroshima-u.ac.jp/en/recruitment/index.html>



◆Financial Support for Students *see Note 1

We currently offer financial support to students in the program as described in (1), (2), (3), and (4) below. This support is provided only during the standard course period.

50,000 yen per month for six months will be provided to up to three students who are recognized as having excellent academic performance and outstanding achievements in academic activities after enrollment. (Details of the application procedure will be announced after admission.)

Free tuition will be provided for the third and later years of the Life Science Course and for all years of the Medical Course. (Some students may not be eligible due to their academic performance.) *see Note 2

Ikenoue Student Dormitory is available with priority for two years after enrollment in the program. (Boarding fee, common expenses, and utility fee will be charged.)

Travel grants (transportation and accommodation expenses) will be provided up to the amount specified by the program for students' educational and research activities. (Some students may not be eligible due to their income. Details will be announced after admission.)

*Note 1: Financial support is as of April 1, 2023 and is subject to change.

*Note 2: Financial support for (2) will end on March 31, 2025. Financial support after April 1, 2025 is not yet confirmed.

Contact for the Frontier Development Program for Genome Editing

Collaboration Office, Education Office, Hiroshima University

1-1-1 Kagamiyama, Higashi-hiroshima City, Hiroshima, Japan 739-8524 (Room 809, Building B of the Graduate School of Education)

TEL : 082-424-6819 Email : leading-program@office.hiroshima-u.ac.jp

12. Additional Notices

- (1) **Prior to application, please consult about the research programs with a faculty member under whom applicant wishes to study.** (<https://www.hiroshima-u.ac.jp/en/ilife/research>)
- (2) Hiroshima University has established the university's Rules on Security Export Control in accordance with the Foreign Exchange and Foreign Trade Act, and conducts strict examinations for acceptance of international students, etc. Therefore, please be advised that International applicants may be unable to receive their desired education or conduct their desired research due to the restriction by the above regulations.
- (3) The certificates to be submitted must be the originals or certified photocopies. Uncertified photocopies would not be recognized as official certificates.
- (4) No changes are permitted in the content of documents after their submission.
The examination fee will not be returned for any reason.
- (5) Any forgery or falsification of the documents and/or academic fraud would result in cancellation of acceptance even after passing examination or admission.
- (6) If an applicant could not graduate from the university before the admission date, he/she would lose the eligibility to enter our graduate school in this session.
- (7) Application Guidelines and other related documents can be downloaded from the website of the Graduate School of Integrated Sciences for Life, Hiroshima University.
- (8) If the program of an academic supervisor under whom you wish to study is changed due to program reorganization, the program you belong to may change.
- (9) For further information, please contact the following each support office in charge of the program(s) (page 5).

13. Other Points of Attention

Smoking is prohibited entirely in All Hiroshima University campuses from January, 2020.

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