

2024 Academic Years

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

**Application Guidelines
General Selection**

Doctoral Course

(April 2024 Admissions)

November 2023

Hiroshima University

Admissions Policy <Doctoral Course>

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

Students who:

1. Have strong volition to do research, and who wish to create new science that integrates and links different fields without being constrained by conventional frameworks of research fields in the areas of study related to biology and life science;
2. Wish to develop deep expertise and a broad and interdisciplinary perspective along with a broad general education, to acquire international communication skills, and to play an active role both in the domestic and international arenas as a member or leader of an interdisciplinary and field integration-type problem-solving team; and
- 3.

-searching and problem-solving abilities

supported by related expertise and interdisciplinary perspective as well as practical capabilities in society by gaining experiences in the real world.

In order to admit such individuals, this Graduate School selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using interviews, etc.

Type of Students We Seek

[Program of Biotechnology]

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

Students who:

1. Have deep knowledge in their specialized fields, and who have an ambition to also acquire knowledge in fields other than their specialized fields, and to develop interdisciplinary research;
2. Are motivated to take up a challenge for a new scientific and technological field to which different fields, such as material science, are integrated based on frontier life sciences;
3. Have a logical thinking ability and communication skills to describe their cutting-edge research in easy-to-understand words so that it is understood by society;
4. command of English; and
5. Have acquired common sense as a working member of society, and ethical standards as a researcher or a highly specialized engineer.

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, etc.

[Program of Food and AgriLife 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 advanced theories and methods, as well as research and application deployment abilities to understand and utilize biological functions from the perspective of molecules and cells;
2. Have a high interest in finding and solving problems from a scientific, social, and international perspective rse functions and the advanced use of food resources;
3. command of English;
4. Have acquired abilities at the level of completing a graduate knowledge, attitude, and skills in the specialized fields of their choice; and
5. Have acquired common sense as a working member of society, and ethical standards as a researcher or a highly specialized engineer.

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, etc.

[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 systematically understood life phenomena related to the production and use of biological resources from the molecular level to ecosystems;
2. Have acquired broad expertise and research skills regarding the sustainable production and utilization of biological resources in both land and water zones, and who are equipped with abilities to understand and solve various problems in related fields from regional to international scope;
3. command of English;
4. knowledge, attitude, and skills in the specialized fields of their choice; and
5. Have acquired common sense as a working member of society, and ethical standards as a researcher or a highly specialized engineer.

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, etc.

[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, expertise and skills for a specific field, and learn the theories and methods of understanding and utilizing these abilities from a comprehensive perspective;
2. Wish to understand various problems existing in life science and environmental science, and to solve them professionally, immediately, and internationally;
3. Wish to play an active role independently as a generalist

[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 and application abilities in the fields of mathematics, physics, chemistry, and biology;
2. Have an ambition to open up a new research field in mathematical science, molecular science, and life science fields as well as integrated fields;
3. Have acquired abilities at the level of completing a graduate command of English; and
4. Have acquired common sense as a working member of society, and ethical standards as a researcher or a highly specialized engineer.

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, etc.

[Program of Biomedical Science]

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

Students who:

1. 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. command of English; and
4. Have acquired common sense as a working member of society, and ethical standards as a researcher or a highly specialized engineer.

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, etc.

CONTENTS

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

[List of Academic Supervisors]

Program of Biotechnology.....	13
Program of Food and AgriLife Science.....	17
Program of Bioresource Science.....	19
Program of Life and Environmental Sciences.....	21
Program of Basic Biology.....	23
Program of Mathematical and Life Sciences	25
Program of Biomedical Science	28

The Graduate School of Integrated Sciences for Life, Hiroshima University, is recruiting students for the Doctoral 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	64	One day between January 15 and February 6, 2024 * Please refer to the "Note" below.	*Please refer to the "Note" below.	O K O , Hiroshima University 1-3-1, Kagamiyama, Higashi-Hiroshima, 739-8530 TEL: (082) 424-7008, 7009
	Food and AgriLife Science				O K O (Graduate Student Affairs), Hiroshima University 1-4-4, Kagamiyama, Higashi-Hiroshima, 739-8528 TEL: (082) 424-7908
	Bioresource Science				O K E O (Graduate Student Affairs), Hiroshima University 1-7-1, Kagamiyama, Higashi-Hiroshima, 739-8521 TEL: (082) 424-6316
	Life and Environmental Sciences				O K O (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 _____ ;
- (2) Have _____ ;
- (3) Have completed class subjects in Japan conducted by a foreign school by correspondence education and _____ or a professional degree;
- (4) Have completed a course in Japan at an educational facility positioned as a facility that has the curriculum of a foreign graduate school under said foreign _____ the Minister of Education, Culture, Sports, Science and Technology, and has been conferred a degree
- (5) Have completed a course at the United Nations University, established based on the December 11, 1972 United Nations General Assembly resolution stipulated in Article 1, Paragraph 2 of the Act on Special Measures (Act No. 72 of 1976) incidental to enforcement of the agreement between the United Nations and Japan regarding the headquarters of the United Nations University (hereafter, United Nations University),
- (6) Have completed a curriculum at a foreign school, an educational facility designated in Item 4, or the United Nations University, has passed an equivalent to the examination and screening stipulated in Article 16-2 of the Standards for Establishment of Graduate Schools, and is recognized as having academic ability equal to,

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 a master's course at a university and have

3. Application Procedures

(1) Application methods

<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: K _____ (_____) _____ (_____) _____ * The application procedure wouldn't be completed without either sending or delivering in person all the necessary application documents by the due date. _____ the aforementioned address)* _____ * B _____) _____ *

(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

! ! ! !

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

4

Access the online application system from the Hiroshima University Admissions Information web page:

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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. !

4C

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.

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

4

Confirm the necessary documents when they are shown and upload(u)(o)41(u)441(r)38W* nBT/TTEM*BT/TTEM(a

(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 (about 60 minutes/person)	TBD*

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

5. Screening Methods

Screening will be based on the results of an examination (interview).

Your academic transcript
in the interview.

6. Announcement of Successful Applicants

12:00 (expected), February 16 (Fri.), 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) _____ f the Graduate School of Integrated Sciences for Life, Hiroshima University. Please note that the announcement of the website will be unofficial.

8. Payment of Examination Fee and Enrollment Fee

From	To --	Examination Fee	Enrollment Fee
From	course To Doctoral course at Hiroshima University	×	×
From	course of another university To Doctoral course at Hiroshima University	○	○
Entering the Doctoral course after completing a Master's course of the Graduate School, Hiroshima University but with a time interruption in between		○	○

(×: Unnecessary

9. 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.

10. Personal Information

Applicants

the purpose of screening, announcement of results, and enrollment procedures. After 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.

11. Examination Information Disclosure

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

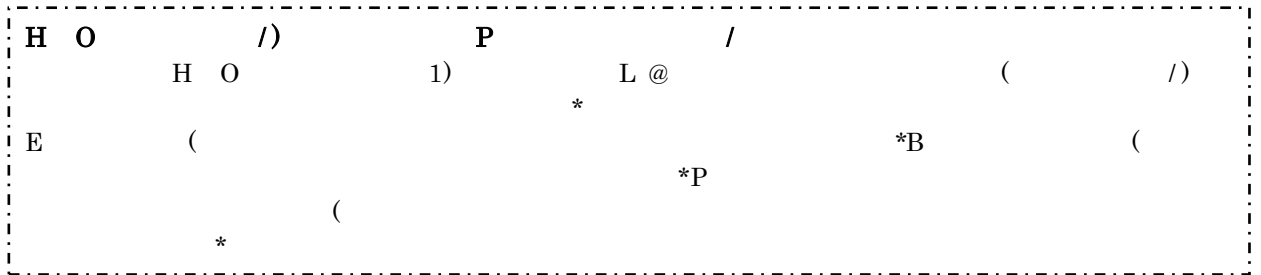
(1) Obtain an examination information disclosure application form:

Write to the address below, indicating on the envelope 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.

12. 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.



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13. 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 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).

14. Other Points of Attention

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

大学院統合生命科学研究科主指導教員一覧表

生物工学プログラム

(1/4)

大学院統合生命科学研究科主指導教員一覧表

大学院統合生命科学研究科主指導教員一覧表

生物工学プログラム

(3/4)

大学院統合生命科学研究科主指導教員一覧表

生物工学プログラム

(4/4)

大学院統合生命科学研究科主指導教員一覧表

生物資源科学プログラム

(1/2)

大学院統合生命科学研究科主指導教員一覧表

生物資源科学プログラム

(2/2)

大学院統合生命科学研究科主指導教員一覧表

生命環境総合科学プログラム

(2/2)

大学院統合生命科学研究科主指導教員一覧表

基礎生物学プログラム

(2/2)

大学院統合生命科学研究科主指導教員一覧表
数理生命科学プログラム

(1/3)

大学院統合生命科学研究科主指導教員一覧表

数理生命科学プログラム

(2/3)

大学院統合生命科学研究科主指導教員一覧表

数理生命科学プログラム

(3/3)

