

**2025 Academic Years**

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

# **Application Guidelines General Selection**

**Master's Course**

**( April 2025 Admissions )**

**October 2024  
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 different fields, along with broad general education, without being constrained by conventional frameworks of research fields, and to create "science that can guide sustainable development"; and
3. Are aware of both academic fields and the real world, and who wish to acquire international and interdisciplinary communication skills as well as practical capabilities in society.

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, academic tests, and external examinations.

## **1. 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 acquired an education at the level of completing an undergraduate of university course and basic knowledge in biological sciences and bioengineering as their special field of study;
2. Have a high level of interest in the bioengineering field, as well as the ambition and strong will to carry out research to its end;
3. Have a logical thinking ability and communication skills to verbally express their logical thinking;
4. Have acquired a command of English at the level of completing an undergraduate of university course or higher; 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 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 theories and methods of understanding and utilizing foods and biological functions from the perspective of molecules and cells;
2. Have a high interest in finding and solving problems from a scientific perspective regarding creatures' diverse functions and the advanced use of food resources;
3. Have acquired a command of English at the level of completing an undergraduate of university course or higher;
4. Have acquired abilities or higher regarding the knowledge, attitude, and skills related to their desired foods and life 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 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 related expertise and skills;
2. Wish to understand various problems existing in life science and environmental science, and to solve them in cooperation with organizations outside the university and the international community;
3. Wish to play an active role as a generalist who covers areas outside life science and environmental science without being constrained by their own expertise;
4. Have acquired a command of English at the level of completing an undergraduate of university course or higher;
5. Have acquired abilities at the level of completing an undergraduate of university course or higher regarding knowledge, attitude, and skills related to their desired specialized fields; and
6. 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 Basic Biology]**

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

Students who:

1. Have acquired basic knowledge and skills in biology at molecular, cellular, individual, ecological, and evolutionary levels that should have been acquired in the related faculties;
2. Have acquired a command of English at the level of completing an undergraduate of university course or higher; and
3. 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 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.

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**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 2025.**

# **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
	Biotechnology	A few	December 14, 2024 (Sat)	School of Applied Biological Science,	, Hiroshima University 1-3-1, Kagamiyama, Higashi-Hiroshima, 739-8530 TEL: (082) 424-7008, 7009
	Food and AgriLife Science				(Graduate Student Affairs), Hiroshima University 1-4-4, Kagamiyama, Higashi-Hiroshima, 739-8528 TEL: (082) 424-7908
	Bioresource Science				(Graduate Student Affairs), Hiroshima University 1-7-1, Kagamiyama, Higashi-Hiroshima, 739-8521 TEL: (082) 424-6316
	Life and Environmental Sciences				(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				

## 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, 2025. Applicants shall be residing in Japan and must make an affirmation of admission when applicants will pass the entrance examination.

- (1) have graduated from a Japanese university;
- (2) have completed a 16-year course of formal education outside Japan;
- (3) have taken a correspondence course from an overseas educational institution in Japan and completed a 16-year course of formal education;
- (4) 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.
- (5) 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:

**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)

### (2) Application period

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

**From November 6, 2024 to November 12, 2024 (No later than 17:00 (JST))**

### **(3) Online application**

Helpdesk (\*Japanese speaking only)

Inquires accepted from 10:00 am to 6:00 pm (\*Except from December 30 to January 3)

TEL: 03-6634-6494

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 9:00 to 17:00. (Except Saturday, Sunday, and national holidays)

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

#### **Step 1: Access the online application system**

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

<https://www.hiroshima-u.ac.jp/en/nyugaku>

#### **Step 2: Select 'Membership Registration' on the UCARO log in screen.**

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.

#### **Step 3: (If you have, otherwise, skip 3) Enter the Account**

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.

#### **Step 4: Input your application data into the Internet application system**

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

\* Your personal information registered through the online application system will be used for the following purposes. Therefore, please enter accurate information.

1. Carry out entrance examinations and screening.
2. Notify and send the screening results.
3. Send documents for enrollment procedures to successful applicants.
4. Send information before and after admission.
5. Create statistical data on entrance examinations.
6. Create student registration data and Student ID-Cards.
7. Receive application fees.
8. Check the access status to the Service.

#### **Step 5: Confirm the necessary documents and uploaded your photo**

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.





Qualification Certificate (教育部学

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#### 4. Examination Date and Time

Examination Date	Examination	Time
December 14(Sat.), 2024	Interview (oral) (about 30 minutes/person)	9:00-

#### 5. Details of Examinations

In Interview (oral examination), applicants will be asked to discuss about the Bachelor's (graduation) thesis, research plan and its background (basic knowledge), and answer some questions. Details of the examination will be informed to the applicants on the exam day.

#### 6. Screening Criteria

Screening will be based on the results of examination (interview) and foreign language proficiency.

Applicants' grade transcripts and research plan will be reflected in the interview.

- (1) The score of the interview (oral examination) is 200 points. In the interview, basic knowledge of the specialized subject, understanding of his/her own graduation thesis, motivation for studying at the graduate school, and purpose of research will be evaluated.
- (2) 100 points will be allocated to foreign language proficiency.

Evaluation of applicants' foreign language proficiency will be based on the conversion to a maximum of 100 points according to the following conversion formula using score certificate of English language proficiency administrated by outside organizations submitted at the time of application.

Conversion formula

Score certificates for English language proficiency test other than the above, please check the conversion table below.

TOEIC -IP , TOEFL -PBT, and TOEFL -ITP

English Proficiency Tests  Foreign Language Proficiency (Max. of 100 points)	Cambridge English	The EIKEN Test in Practical English Proficiency ( EIKEN )	GTEC (Limited to CBT type)	IELTS™	TEAP (4 skills)	TEAP CBT (4 skills)	TOEFL iBT®
100	200 - 230			8.5 - 9.0			
97	180 - 199	Grade 1	1350 - 1400	7.0 - 8.0	375 - 400	800	95 - 120
84	160 - 179	Grade Pre-1	1190 - 1349	5.5 - 6.5	309 - 374	600 - 795	72 - 94
64	140 - 159	Grade 2	960 - 1189	4.0 - 5.0	225 - 308	420 - 595	42 - 71
33	120 - 139	Grade Pre-2	690 - 959		135 - 224	235 - 415	
21	100 - 119	Grade 3	270 - 689				

## 7. Announcement of Successful Applicants

**12:00 (expected), January 10 (Fri.), 2025**

- (1) The Graduate School will send letters of acceptance to successful applicants. If you do not receive the letter by Friday, January 17 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.

## 8. Enrollment Fee and Tuition Fee

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 2024. If they are changed, students must pay the revised amount.
- (3) Details of enrollment procedures, which will be conducted in mid-March 2025, will be notified later to successful applicants.

## 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' 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 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 110 yen stamp.
- (2) Complete the examination information disclosure application form, and send by post the documents listed below between April 1 and May 31, 2025(postmarked) to the address below.  
Completed examination information disclosure application form  
Original Examination Card for the admission examination of the Graduate School of \_\_\_\_\_, Hiroshima University (a copy will not be accepted; the original Card will be returned at the time of information disclosure)  
Self-addressed return envelope (long No. 3 type, 120 mm × 235 mm) bearing the examinee's name, address and postal code and a 460 yen stamp.  
Disclosure Applicants may be requested to correct any submitted documents found to be inappropriate.
- (3) The Graduate School of \_\_\_\_\_ 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.

## 12. Frontier Development Program for Genome Editing



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(1)

(2)

(3)

(4)

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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 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).

### 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



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

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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

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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

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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

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# 大学院統合生命科学研究科主指導教員一覧表

食品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

食品生命科学プログラム

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# 大学院統合生命科学研究科主指導教員一覧表

食品生命科学プログラム

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生物資源科学プログラム

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## 生物資源科学プログラム

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# 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

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# 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

( 1/2 )

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大学院統合生命科学研究科主指導教員一覧表

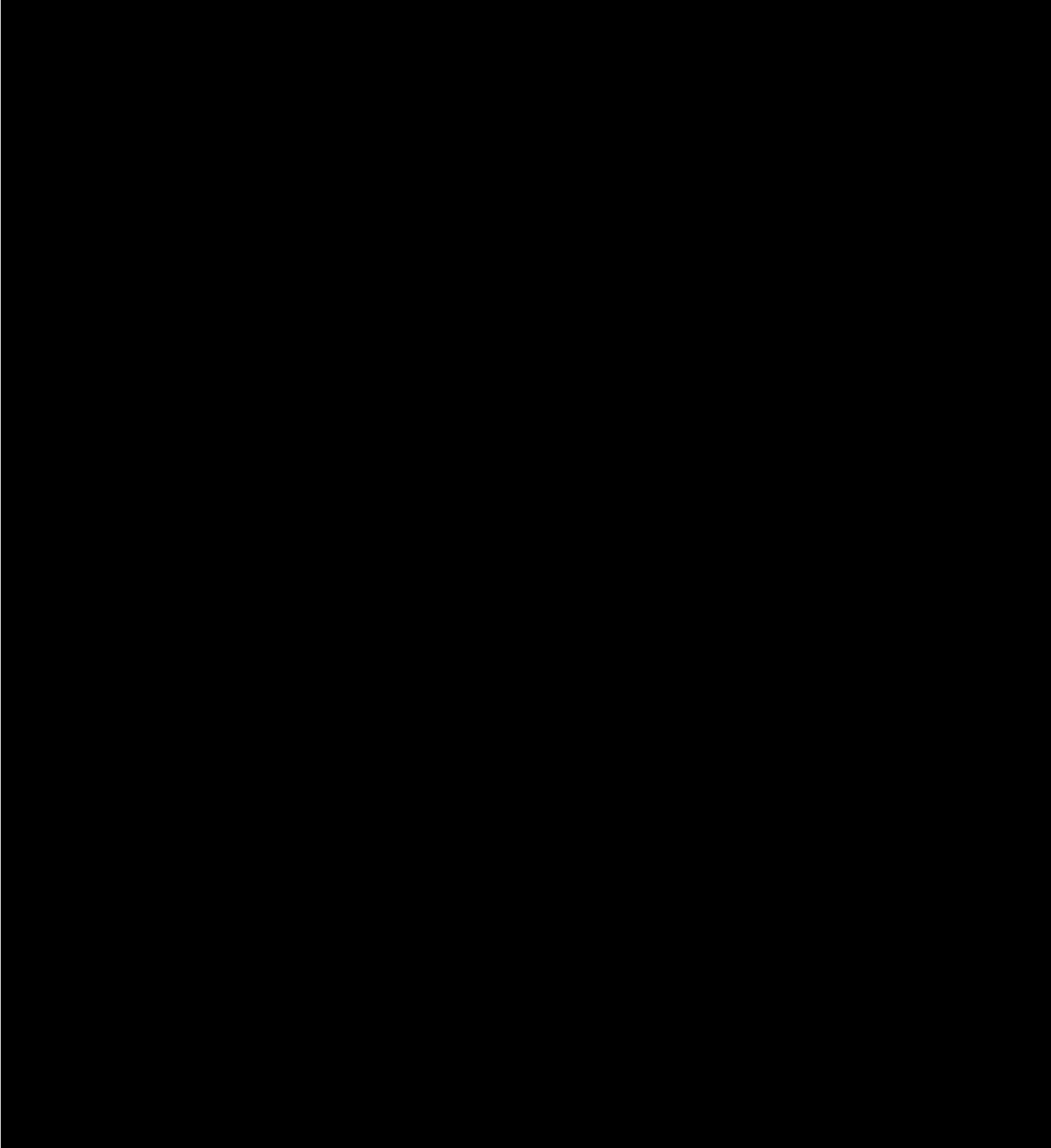
基礎生物学プログラム

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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

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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

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大学院統合生命科学研究科主指導教員一覧表

生命医科学プログラム

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大学院統合生命科学研究科主指導教員一覧表

生命医科学プログラム

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# 大学院統合生命科学研究科主指導教員一覧表

生命医科学プログラム

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