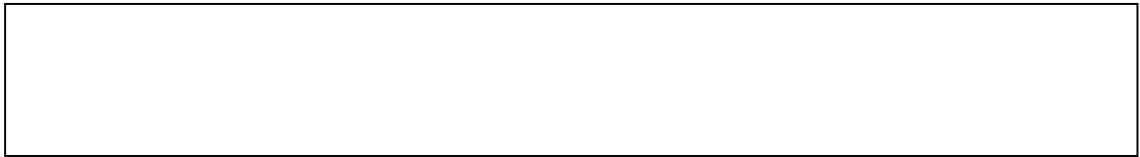


**April 2024 admission**



## 1.

The Division of Advanced Science and Engineering of the Graduate School of Advanced Science and Engineering seeks students who have the following aspirations and motivation and have a good grounding in relevant subjects:

- ① An ambition for the promotion of advanced and high-level academic and inter-disciplinary research;
- ② The will to be engaged in professional occupations such as researchers and engineers in areas related to natural science, engineering, and information science;
- ③ A zeal for establishing the "science for sustainable development" from a multifaceted perspective and for solving regional and international issues by acquiring knowledge and study skills for the academic areas related to natural science, engineering, and information science as well as a wide range of intelligence; and
- ④ Common sense and ethics required for a member of society.

In order to admit such individuals, Graduate School of Advanced Science and Engineering selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using oral, written, and/or external examinations.

The Quantum Matter Program seeks students who have the following aspirations and motivation and have a good grounding in relevant subjects:

- ① The will to be engaged in professional occupations such as researchers and engineers in area of the basic materials science, condensed material physics, material science and engineering, and electronic engineering;
- ② An ambition for acquiring knowledge and skills related to areas mentioned above regardless of the experience and background before entering the university;
- ③ A wish to build up new businesses as well as exploring scientific facts and applying scientific findings from the academic point of view;
- ④ A zeal for establishing the "science for sustainable development" from a multifaceted perspective and for solving regional and international issues by acquiring knowledge and study skills for the academic areas related to the basic materials science, condensed material physics, material science and engineering, and electronic engineering as well as a wide range of intelligence; and
- ⑤ Common sense and ethics required for a member of society.

In order to admit such individuals, Graduate School of Advanced Science and Engineering selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using oral, written, and/or external examinations.

The Division of Advanced Science and Engineering of Graduate School of Advanced Science and Engineering in Hiroshima University will accept applicants in Admission on Recommendation for April 2023 admission to the Master's Course as indicated below.

**【April 2024 Admission (B Term)】**

Division of Advanced Science and Engineering

Program	Admission capacity	Contact Submission address for application documents
Quantum Matter Program	Several students	Support Office for the fields of Science (AdSM) 739-8530 1-3-1 Kagamiyama, Higashi-Hiroshima Tel: 082-424-7008, 7009

(Caution)

- The specific venue of the entrance examination will be notified after the application.

Application period	Date of the entrance examination	Examination subject	Examination result announcement
Monday, November 6, 2023 – Friday, November 10, 2023	9:00 -, Friday, December 1, 2023	Oral examination	Planned to be 12:00 -, Monday, December 18, 2023
	(Preliminary day: Saturday, December 2, 2023)		

(Caution)

Dates and time listed above are represented in Japan Standard Time (JST).

In the difficult case of carrying out the entrance examination because of bad weather, epidemic, etc., the entrance examination may be held on an alternative day. Postponement of the examination, extension of the starting time of the examination and so forth will be notified on the website of the Graduate School of Advanced Science and Engineering (<https://www.hiroshima-u.ac.jp/en/adse>). Please keep yourself updated.

Refer to the section " Application Eligibility"

Refer to the section " Application Documents and Selection Process" and confirm the application documents and selection process (examination subject, basic policy, and evaluation criteria).

(1) Your application will be accepted via internet during the application period.

Refer to the procedure described in the section " Application Procedure".

(2) Deliver or mail your application documents to the Support Office listed in the section " Program and Number of Students to be Admitted".

The Support Office is open from 8:30 to 17:00 during the application period for the applicant who delivers the application documents.

In the case of submission via mail, the documents must be sent by registered mail and reach us no later than 17:00, Friday, November 10. The documents received after this time shall be accepted only when it is postmarked no later than Tuesday, November 7.

The result will be notified to all applicants by email.

We will send the Notice of Acceptance and the admission guide to the accepted applicants.

(We will not respond to inquiries by telephone or other means.)

## 1. Application Eligibility

Those who meet or are expected to meet by March 31, 2024 either of the following criteria.

- (1) A person who graduated from a university or a college in Japan.
- (2) A person who earned a bachelor's degree from the National Institution for Academic Degrees and Quality Enhancement of Higher Education according to the provision of Section 7 of Article 104 of School Education Act (Act No. 26 of 1947) or who is expected to earn one (Hereinafter referred to as "Expected graduate").
- (3) A person who completed a 16-year school education course in a country other than Japan.
- (4) A person who studied the class subjects provided by a foreign school as a correspondence course in Japan and, as a result, completed the 16-year school education course in the said foreign country.
- (5) A person who completed an education course in Japan provided by a foreign education institute which is established as an undergraduate course (limited to that for which the person who completed the course is regarded as having completed the 16-year school education course in the concerned foreign country) within the school education system in the concerned foreign country and has been separately specified by the Minister of Education, Culture, Sports, Science and Technology (MEXT).
- (6) A person who earned a degree equivalent to a bachelor's degree after completing a course of which the term is 3 years or longer (including a person who studied the class subjects provided by a foreign school as a correspondence course in Japan and completed the concerned education course; and a person who completed the education course in Japan provided by a foreign education institute which is established within the school education system in the concerned foreign country and is specified in the item (5) above) in a university or the other school in a foreign country, which has been evaluated for the comprehensive conditions of the education and research activities by a person who is authorized by the government or the concerned institutions of the concerned foreign country, or has been separately specified as equivalent by MEXT.
- (7) A person who completed, after the date specified by MEXT, the specialized course of a specialized training college (limited to one that meets the criteria specified by MEXT, such as its term is 4 years or longer) which is separately specified by MEXT.
- (8) A person who has been specified by MEXT (as defined in the Notification of Ministry of Education, No. 5 of 1953: e.g. a person who graduated from a university established under the University Ordinance in 1886 or a college established under a law stipulated for the concerned government agency regarding its establishment such as the act for establishment, order for organization, and individual law for the Incorporated Administrative Agencies).
- (9) A person who wishes

2.

(1) Preliminary Evaluation

The applicant who falls under either of the application eligibility (9), (10) or (11) above must follow the procedures below and pass a preliminary evaluation of the application eligibility.

a) Application Period

Tuesday, October 17, 2023 - 17:00, Monday, October 23, 2023

(The application documents must be submitted by registered mail with indication of the phrase "Application Form for Preliminary Evaluation is enclosed" in red on the front surface of the envelope.)

b) Application Documents

【The applicant who falls under the application eligibility (9) above】

Download the specified forms (a, b and c) from the website of the Graduate School of Advanced Science and Engineering.

Document name		Note
a	Application Form for Preliminary Evaluation	Use the specified form to prepare.
b	Record of Application Eligibility Evaluation	Use the specified form to prepare.
c	Reasons for Application	Use the specified form to prepare.
d	Research plan	Must use A4 sized paper; free format. Attach a list of research achievements, if any.
e	Academic transcript	Issued by the president of the university or the dean of the faculty from which the applicant has graduated. The certificate must be the original or the certified photocopy. The uncertified photocopy will not be accepted.
f	Certificate of enrollment or graduation from a graduate school	Issued by the president of the university or the dean of the graduate school the applicant attended or is attending. The certificate must be the original or the certified photocopy. The uncertified photocopy will not be accepted.
g	Return envelope	Use a standard envelope (12cm×23.5cm in size) and fill out your address and name; affix a 414-yen stamp to the front. (Only for the applicants residing in Japan.)

【The applicant who falls under the application eligibility(10) above】

Download the specified forms (a, b, c and g) from the website of the Graduate School of Advanced Science and Engineering.

Document Name		Note		
a	Application Form for Preliminary Evaluation	Use the specified form to prepare.		
b	Record of Application Eligibility Evaluation	Use the specified form to prepare.		
c	Reasons for Application	Use the specified form to prepare.		
d	Research plan	Use A4 sized sheets; Any format is acceptable. Attach a list of research achievements, if any.		
e	Academic transcript	Issued by the president of the university the applicant attended or is attending. The certificate must be the original or the certified photocopy. The uncertified photocopy will not be accepted.		
f	Certificate of graduation	Issued by the president of the university the applicant attended or is attending. The certificate must be the original or the certified photocopy. The uncertified photocopy will not be accepted. The applicant who graduated or is expected to graduate from a university in China (excluding that in Taiwan, Hong Kong, and Macao) is required to submit the following documents:		
		<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">Graduate</td> <td style="width: 50%; text-align: center;">Prospective Graduate</td> </tr> </table>	Graduate	Prospective Graduate
Graduate	Prospective Graduate			

		历证书电 备 * 毕业证书 硕 证书 线验证报 * 毕业预 证书
		*Obtain the document through " (CHSI)". There should be 15 or more days left until the expiration date of the online verification at the time of its submission. <a href="https://www.chsi.com.cn/xlcx/bgys.jsp">https://www.chsi.com.cn/xlcx/bgys.jsp</a>
g	Certificate of Past Research	*Only for the applicants who conducted research as a research student or a researcher for over 1 year at a research institute (university or a joint use facility) either in Japan or a foreign country. Use the specified form to prepare.
h	Return envelope	Use a standard envelope (12cm×23.5cm in size) and fill out your address and name; affix a 414-yen stamp to the front. (Only for the applicants residing in Japan.)

**【The applicant who falls under the application eligibility (11) above】**

Download the specified forms (a and b) from the website of the Graduate School of Advanced Science and Engineering.

	Document Name	Note
a	Application Form for Preliminary Evaluation	Use the specified form to prepare.
b	Record of Application Eligibility Evaluation	Use the specified form to prepare. The applicant who is attending a university in China (excluding that in Taiwan, Hong Kong, and Macao) is required to submit the following documents: ・教育部学籍在线验证报告* ・毕业预定证书 *Obtain the document through " (CHSI)". There should be 15 or more days left until the expiration date of the online verification at the time of its submission. <a href="https://www.chsi.com.cn/xlcx/bgys.jsp">https://www.chsi.com.cn/xlcx/bgys.jsp</a>
c	Academic transcript	Issued by the president or the dean of the university the applicant is attending.
d	Desired research field and list of research achievements	Describe your desired research field and research plan in the graduate school, within 400 words using A4-size sheet. Attach a list of research achievements, if any.
e	Copy of course handbook of currently enrolled school or department	Required only for the applicant who is currently enrolled in a university other than Hiroshima University.
f	Return envelope	Use a standard envelope (12cm×23.5cm in size) and fill out your address and name; affix a 414-yen stamp to the front. (Only for the applicants residing in Japan.)

**【Note for the applicant who falls under the application eligibility (11) above】**

The applicant who falls under the criteria (11) above should inform the office and academic staff in charge of student support (a tutor in case of Hiroshima University) about applying for this special

selection and confirm about the necessary procedures (early graduation, withdrawal) to enroll in the graduate school after passing the selection.

Please be aware that, if you do not complete the necessary procedures, you may be disadvantaged such as not being able to enroll.



After making the application via internet, submit all the documents listed below at once during the application period to the address indicated in the "Submission Address for Application Documents". Download the specified forms (4), (5) and (8) from the web site of the Graduate School of Advanced Science and Engineering.

No	Document Name	Note				
1	Academic transcript	Issued by the president of the university or the dean of the faculty the applicant attended or is attending.				
2	Certificate of graduation or certificate of expected graduation	<p>Issued by the president of the university or the dean of the faculty the applicant attended or is attending. If you are a graduate, make sure that the certificate includes information about your degree. The applicant who graduated or is expected to graduate from a university in China (excluding that in Taiwan, Hong Kong, and Macao) is required to submit the following documents:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Graduate</th> <th style="width: 50%;">Prospective Graduate</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">           学历证书            毕业证书            硕 士 证书         </td> <td style="text-align: center;">           线验证报 *            毕业预 证书         </td> </tr> </tbody> </table> <p>*Obtain the document through "<a href="https://www.chsi.com.cn/xlcx/bgys.jsp">https://www.chsi.com.cn/xlcx/bgys.jsp</a>" (CHSI). There should be 15 or more days left until the expiration date of the online verification at the time of its submission.</p>	Graduate	Prospective Graduate	学历证书 毕业证书 硕 士 证书	线验证报 * 毕业预 证书
Graduate	Prospective Graduate					
学历证书 毕业证书 硕 士 证书	线验证报 * 毕业预 证书					
3	Certificate of expected application for the conferment of a bachelor's degree or certificate of a bachelor's degree	<p>Only for the applicant who falls under the application eligibility (2).</p> <ul style="list-style-type: none"> <li>• Expected graduate: Certificate of expected application for the conferment of a bachelor's degree issued by the president of a college of technology.</li> <li>• Bachelor's degree holder: Certificate of a bachelor's degree issued by the National Institution for Academic Degrees and Quality Enhancement of Higher Education.</li> </ul>				
4	Research Plan	Use the specified form to prepare.				
5	Letter of Recommendation	<p>Use the specified form to prepare. Signed by the applicant's academic supervisor or equivalent in the university which the applicant is currently enrolled in or has graduated from.</p>				
6	Certificate of English language proficiency	<p>Submit either ① or ② of the following certificates.</p> <p>① The original score certificate of English-language proficiency Submit the original score certificate of either of the following examinations which was held in the period from May 2020 to the time of application. (The submitted score certificate will be returned to the applicant after confirmation). Refer to Caution 3 below for details.</p> <p>TOEIC® Public Test TOEIC®-IP TOEFL®-PBT TOEFL®-iBT TOEFL®- ITP</p>				

		IELTS® Cambridge English Qualifications ② Certificate indicating that the applicant has received a higher education in English Issued by the president of the university or the dean of the faculty from which the applicant has graduated.
7	Return envelope	Use standard envelope (12cm × 23.5cm in size) and fill out your address and name; affix a 94-yen stamp to the front (for sending the Examination Card). (Only for the applicants residing in Japan.)
8	Registration of selected subject for Applicants of Quantum Matter Program	Use the specified form to prepare.
9	Certificate of the Graduate Record Examinations (GRE) (optional)	The applicant who has taken GRE® can submit the certificate. The GRE institution code of Hiroshima University is 2358.

(Caution 1) Attach the English or Japanese translation to the application documents written in the original language other than English or Japanese.

(Caution 2) The applicant who has successfully passed a preliminary evaluation of application eligibility (9) or (10) need not submit the document No. 1 and 2 above.

The applicant who has successfully passed a preliminary evaluation of application eligibility (11) need not submit the document No. 1, 2 and 3 above.

(Caution 3)

- ① Quantum Matter Program will use the scores of either of the certificates listed above in place of a written foreign language (English) examination.
- ② The applicant is required to submit, along with other required documents, the original score certificate of either of these examinations. The score certificate is not allowed to be replaced once it has been submitted. The submitted score certificate will be returned to the applicant after confirmation.
- ③ The applicant who is unable to submit the original score certificate during application period must submit, along with other required documents, a document (no specified form) stating that they will submit their score certificate of English language proficiency later. Subsequently the applicant must submit the score certificate by 13:00, Thursday, November 30, 2023 to the Student Support Office for the fields of Science (1<sup>st</sup> floor of the Advanced Sciences of Matter building).
- ④ The applicant who wishes to send their score certificate of TOEIC®-IP collectively conducted for all Hiroshima University undergraduate students and does not have their score certificate at hand must contact the Student Support Office for the fields of Science (AdSM).
- ⑤ The applicant who does not submit their score certificate of English language proficiency will receive 0 (zero) points for a written foreign language (English) test.

(1) Basic Policy

Academic abilities (based on the oral examination), English (based on the certificate of English language proficiency), and the submitted documents (e.g. academic transcript) will be comprehensively evaluated.

(2) Evaluation Criteria

**【Oral Examination】** Specialized subject (max. 400 points);

(3) Examination Schedule

9:00—, Friday, December 1

- (Caution 1) Dates and time of the examination are represented in Japan Standard Time (JST).  
The details of the oral examination will be notified when sending the examination card and on the examination day.
- (Caution 2) Oral examination via internet using remote conferencing systems such as Teams or Zoom will be conducted for the applicants residing outside Japan.

(4) Contents of the Oral examination

Field	Examination Subjects
Physics	<p><b>【Specialized subject】</b> (oral assessment)</p> <ul style="list-style-type: none"><li>• Classical Mechanics</li><li>• Electromagnetism</li><li>• Quantum Mechanics</li><li>• Statistical Thermodynamics</li></ul> <p><b>【Common examination】</b> Motivation, aptitude for the desired subject of study and basic academic abilities will be evaluated.</p>
Electronic Engineering	<p><b>【Specialized subject】</b> (oral assessment)</p> <ul style="list-style-type: none"><li>• Electromagnetism</li><li>• Electric Circuits</li><li>• Semiconductor Engineering</li><li>• Quantum Mechanics</li></ul> <p><b>【Common examination】</b> Motivation, aptitude for the desired subject of study and basic academic abilities will be evaluated.</p>

Please choose and specify either Physics Field or Electronic Engineering Field in the Application form

(8) Registration of selected subject for Applicants of Quantum Matter Program”.

## 1. Application method

Apply via internet and submit the application documents.

- ① Input the information regarding the application on the website.
- ② Pay the entrance examination fee of 30,000 yen.
- ③ Deliver or mail the application documents.

(Caution)

The application via internet will not complete when only the input of the information on the website and the payment of the entrance examination fee are done. It is required to deliver or mail the application documents to be received before the deadline. The application will not be accepted when the applicant only sends the application documents.

## 2. Application period

The applicant must complete all the processes of ①, ②, and ③ described above in the "1. Application method" during the application period.

**Monday, November 6, 2023 - 17:00, Friday, November 10, 2023**

In the case of ③ (submission via mail), the documents must be sent in a registered mail and reach us no later than 17:00, Friday, November 10. The documents received after this time shall be accepted only when it is postmarked no later than Tuesday, November 7.

## 3. Application via internet

Inquiry regarding the system

### **Online Application Help Desk (Japanese Speaking Only)**

Inquires accepted from 10:00 to 18:00  
(Except from December 30 to January 3)  
TEL +81-3-5952-3902

Inquires accepted from 10:00 to 18:00  
(Except from December 30 to January 3)  
TEL +81-3-5952-2114

For inquiries regarding the entrance examination, refer to the respective Support Offices listed in the section " Programs and Number of Students to be Admitted".

Open: 8:30 - 17:00 (Except Saturday, Sunday and national holidays)

\* Please note that it is required to include the area code to dial if you call from the following areas, even when you call from an area of the same area code as that of the inquiry contact.  
(Areas in Hiroshima City, Fuchu Town, Kaita Town, and Saka Town)

- Complete the following 8 steps during the application period.

### **Step 1: Access the Online Application System.**

Access the following web page:

**Hiroshima University's Admission Information**  
<https://www.hiroshima-u.ac.jp/en/nyugaku>



Account registration for UCARO is required for all applicants (free of charge) .

The applicant who applies for exemption from the entrance application fee must consult in advance with the respective Support Offices listed in the section " Programs and Number of Students to be Admitted" to obtain the alphanumeric characters of eight or more digits and enter them.

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

The provided personal information will be used for the administration of the entrance examination, sending notifications of acceptance, dispatching certificates of acceptance, distributing enrollment documents, providing pre- and post-enrollment guidance, creating student ID cards, compiling student registration data, and collecting entrance examination fees. The information may also be used to compile statistical data on entrance examinations in a form that does not identify individuals.

Note: Name data

Fill in the application form with foreign applicants in the order of "last name" → "first name".

Follow the instruction shown on the screen to upload the digital data of your photograph (File format: JPEG).

\* The uploaded photo, which will be used for identification at the examination, will be also used for your student ID card after enrollment. Therefore, please be sure to upload your photo that meet the on-screen precautions.

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.

Choose the method of payment from the following list.

1. Credit card: VISA, MasterCard, JCB, AMERICAN EXPRESS, Diners Club
2. Convenience store: 7-ELEVEN, Lawson, MINISTOP, FamilyMart, Daily Yamazaki, and Seicomart
3. Banking facilities' ATM [Pay-easy]
4. Online Banking

(Caution)

In addition to the entrance application fee, applicants need to pay the processing fee for use of the online application system (1,000 yen per application).

MEXT Scholarship recipients are exempted from the entrance application fee.

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

However, in cases (1) and (2) below, the application fee is refundable after deducting the bank transfer fee. Therefore in such cases, please clearly write the "registration number", "name in kana letters", "name", "phone number", "address", "transfer destination information" and "reason for demand of refund" in the prescribed format given from the university and send it to the respective Support Offices listed in the section " Programs and Number of Students to be Admitted" by Monday, February 26, 2024.

The processing fee for use of the online application system will not be repaid for any case.

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

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

Write down \_\_\_\_\_ shown on the screen

For the submission address, refer to the section " Programs and Number of Students to be Admitted".

The Support Office is open from 8:30 to 17:00 during the application period (except for Saturday, Sunday and national holidays) for the applicant who delivers the application documents.

In the case of submission via mail, the documents must be sent in a registered mail and reach us no later than Friday, November 10. The documents received after this time shall be accepted only when it is postmarked no later than Tuesday, November 7.

Indicate the phrase "Application documents for Quantum Matter Program of the Graduate School of Advanced Science and Engineering are enclosed." in red on the front surface of the envelope.



and investigation & research activities (e.g. improvement of the entrance examination system,



## Special Measure of Exemption from the Entrance Examination Fee for the Applicant

Hiroshima University has decided to implement a special measure of exemption from the entrance examination fee for the entrance examinations in the 2023 academic year, to alleviate the economic burden on and to secure educational opportunities for the applicants affected by the disasters.

The applicant who wishes to be exempted from the entrance examination fee must contact in advance the respective Support Offices listed in the section “ Programs and Number of Students to be Admitted”.

### 1 Examinations to which the Special Measure is Applied

The entrance examinations held in the 2023 academic year (including selections of re-admission, transfers, and mid-course entry admission).

### 2 Special Measure

Exemption from the entrance examination fees

\*Fees for the entrance examination result disclosure will be covered as well.

### 3 Disasters to which the Special Measure is Applied

(1) Any disasters covered by the Disaster Relief Act after August 28, 2019

### 4 The Applicant Eligible for Exemption

The applicant who was affected by the disaster specified in the “3 Disasters to which the Special Measure is Applied” in the areas covered by the Disaster Relief Act, and who falls under either of the following conditions.

(1) The house in which the family’s chief provider bearing the applicant’s school expenses resides was completely destroyed, largely destroyed, or half-destroyed.

(2) The family’s chief provider bearing the applicant’s school expenses died or was listed as missing in the disaster

(Caution) For the details of the areas covered by the Disaster Relief Act, refer to the following website.

[http://www.bousai.go.jp/taisaku/kyuujo/kyuujo\\_tekiyou.html](http://www.bousai.go.jp/taisaku/kyuujo/kyuujo_tekiyou.html)

### 5 Application

The applicant must contact in advance the respective Support Offices listed in the section “ Programs and Number of Students to be Admitted”, and subsequently submit the specified application documents for exemption along with other required documents for admission.

In this case, do not pay the entrance examination fee at the time of application.

### 6 Application Documents

(1) Application form for exemption from the entrance examination fee (Download the form from the following website)

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

(2) Disaster victim certificate (a copy is acceptable) (For the applicant who falls under the condition of the item (1) of the "4 The Applicant Eligible for Exemption" above)

(3) Document that proves the death or missing status of the family’s chief provider (a copy is acceptable) (For the applicant who falls under the condition of the item (2) of the "4 The Applicant Eligible for Exemption" above)

### 7 Application Process (Internet Application)

Refer to the PDF file available from the following website.

[https://www.hiroshima-u.ac.jp/system/files/131856/Online application procedures for-Application Fees Exemption.pdf](https://www.hiroshima-u.ac.jp/system/files/131856/Online_application_procedures_for-Application_Fees_Exemption.pdf)

### 8 Contact

Refer to the respective Support Offices listed in the section “II Programs and Number of Students to be Admitted”.