

**October 2020 and April 2021 Admission (A Term)**

**Graduate School of Advanced Science and Engineering**

**(Master's Course)**

**Division of Advanced Science and Engineering**

**Special Selection for  
International Students  
[For Students Living in Japan]  
Application Guidebook**

**Mathematics Program**

**Physics Program**

**Earth and Planetary Systems Science Program**

**Basic Chemistry Program**

**Quantum Matter Program**

**June 2020**



**HIROSHIMA UNIVERSITY**

# Division of Advanced Science and Engineering of the Graduate School of Advanced Science and Engineering (Master's Course)

## Admission Policy

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 the basic academic abilities necessary for it:

- 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.

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# I Programs and Number of Students to be Admitted

The Division of Advanced Science and Engineering of Graduate School of Advanced Science and Engineering in Hiroshima University will accept applicants who are residing in Japan for admission to the Master's Course as indicated below for October 2020 and April 2021 admission.

## 【October 2020 Admission】

Division	Program	Capacity	Admission Capacity	Venue for Examination	Contact Submission address for application documents
Division of Advanced Science and Engineering	Mathematics Program	449	Several students	School of Engineering, Hiroshima University	Support Office for the fields of Science 739-8526 1-3-1 Kagamiyama, Higashi-Hiroshima Tel: 082-424-7309, 4468
	Physics Program				
	Earth and Planetary Systems Science Program				
	Basic Chemistry Program				
	Quantum Matter Program				Support Office for the fields of Science 739-8530 1-3-1 Kagamiyama, Higashi-Hiroshima Tel: 082-424-7008, 7009

### (Caution)

- This selection for October 2020 admission is not applied to the following programs:

Applied Chemistry Program, Chemical Engineering Program, Electrical, Systems, and Control Engineering Program, Mechanical Engineering Program, Transportation and Environmental Systems Program, Architecture Program, Civil and Environmental Engineering Program, Informatics and Data Science Program, Transdisciplinary Science and Engineering Program (Environmental and Natural Sciences), Transdisciplinary Science and Engineering Program (Development Sciences)

## 【April 2021 Admission(A Term)】

Division	Program	Capacity	Admission Capacity	Venue for Examination	Contact Submission address for application documents
Division of Advanced Science and Engineering	Mathematics Program	449	Several students	School of Engineering, Hiroshima University	Support Office for the fields of Science 739-8526 1-3-1 Kagamiyama, Higashi-Hiroshima Tel: 082-424-7309, 4468
	Physics Program				
	Earth and Planetary Systems Science Program				
	Basic Chemistry Program				

### (Caution)

- This selection for April 2021 admission is not applied to the following programs: Some programs are applied to the selection for B Term of April 2021 admission, so please confirm the Application Guidebook released in November 2020(planned).

Applied Chemistry Program, Chemical Engineering Program, Electrical, Systems, and Control Engineering Program, Mechanical Engineering Program, Transportation and Environmental Systems Program, Architecture Program, Civil and Environmental Engineering Program, Informatics and Data Science, Smart Innovation Program, Program, Quantum Matter Program, Transdisciplinary Science and Engineering Program(Environmental and Natural Sciences) , Transdisciplinary Science and Engineering Program (Development Sciences)

- Consult with the faculty who is expected to be your advisor about your research theme before applying. For the information regarding faculties of the Graduate School of Advanced Science and Engineering, refer to the following web site.

URL: <https://www.hiroshima-u.ac.jp/en/adse/research>



## II Outline of Entrance Examination

### 1. Schedule of the Entrance Examination

Application period	Date of the entrance examination	Examination subject	Examination result announcement
Friday, July 17, 2020 – Monday, July 27, 2020	Thursday, August 27, 2020, 9:00-	Written examination	Friday, September 4, 2020, 12:00 (tentative schedule)
	Friday, August 28, 2020, 13:30-	Oral examination	
	(Preliminary date: Saturday, August 29, 2020)		

(Caution)

In the difficult case of carrying out the entrance examination because of bad weather, epidemic, etc., the entrance examination may be held on the preliminary day. We will notify you of postponement of the examination, extension of the starting time of the examination and so forth on the web site of the Graduate School of Advanced Science and Engineering (<https://www.hiroshima-u.ac.jp/adse>). Please keep yourself updated.

### 2. Application Eligibility, Required Documents and Selection Process

Refer to the description of the application eligibility, required documents and selection process (examination subject, basic policy, and evaluation criteria) for each Program listed in the section "III Application Eligibility, Required Documents and Selection Process " in page 6.

### 3. Application Procedure

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

Refer to the procedure described in the section "IV Application Procedure" (page 14).

(2) Deliver or mail your application documents specified by the Program to the submission address for application documents listed in the previous section "I Programs and Number of Students to be Admitted." (page 4)

The contact desk is opened 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 in a registered mail and reach us no later than 17:00 on Monday, July 27. The documents that will be received after the date shall be only when it is postmarked no later than Friday, July 24.

### 4. Result Announcement

We will send the acceptance certificate and the admission guide to the accepted applicants by mail. An announcement will also be made on the web site of Graduate School of Advanced Science and Engineering, Hiroshima University (<https://www.hiroshima-u.ac.jp/adse>). The announcement on the web site is made as part of information provision and does not grant admission officially in any way. Only mailing of the acceptance certificate should be regarded as an official announcement of admission. Please also note that an announcement will not be made through posting on the bulletin board on campus.

(We do not answer any inquiry via phone.)

### **III Application Eligibility, Required Documents and Selection Process**

Note that the application eligibility, required documents and selection process for the application vary for each program.

For the detail, refer to the page listed in the table below.

Program	Category	Page(s) to be referred
Mathematics Program	Science Programs	Pages 7 to 12
Physics Program		
Earth and Planetary Systems Science Program		
Basic Chemistry Program		
Quantum Matter Program		Pages 13 to 15

# Science Programs

(Mathematics/Physics/Earth and Planetary Systems Science/Basic Chemistry)

## 1. Admission Policy

### **【Mathematics Program】**

The Mathematics Program seeks students who have the following aspirations and motivation and have the basic academic abilities necessary for it:

- ① A strong questing mind for the mathematical truth and an ambition to make a progress in specialized and/or inter-disciplinary research of mathematics;
- ② The will to be engaged in professional occupations such as researchers, educators, and engineers in mathematics areas;
- 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 mathematics as well as a wide range of intelligence; and
- ④ Common sense and ethics required for a member of society.

### **【Physics Program】**

The Physics Program seeks students who have the following aspirations and motivation and have the basic academic abilities necessary for it:

- ① The will to obtain state-of-the-art knowledge in areas of physics based on the point of view of researchers on a top international level;
- ② The will to obtain fundamental knowledge in contemporary physics to be engaged in researching jobs, educational jobs, and/or advanced engineering jobs related to areas of physics;
- 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 physics as well as a wide range of intelligence; and
- ④ Common sense and ethics required for a member of society.

### **【Earth and Planetary Systems Science Program】**

The Earth and Planetary Systems Science Program seeks students who have the following aspirations and motivation and have the basic academic abilities necessary for it:

- ① An ambition for acquiring advanced expertise and research techniques related to the earth and planetary systems science;
- ② The will to be engaged in professional occupations such as researchers, educators, and engineers in areas of the earth and planetary systems 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 mathematics as well as a wide range of intelligence, in addition to a strong curiosity about not only the earth and planetary systems science but also for the other areas; and
- ④ Common sense and ethics required for a member of society.

### **【Basic Chemistry Program】**

The Basic Chemistry Program seeks students who have the following aspirations and motivation and have the basic academic abilities necessary for it:

- ① Basic knowledge and ability of comprehension, examination, and presentation regarding the basic chemistry and an ambition for taking part in the academic and/or inter-disciplinary research;
- ② The will to be engaged in professional occupations such researchers and engineers in basic chemistry areas;
- 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 basic chemistry as well as a wide range of intelligence; and
- ④ Common sense and ethics required for a member of society.

## 2. Application Eligibility

Those who are of a non-Japanese nationality, live in Japan at the time of application for admission, must meet either of the following categories:

- (1) A person who has graduated from a university or college, or is expected to graduate
- (2) A person who has 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 is expected to earn (hereinafter referred to as "expected graduate").
- (3) A person who has passed through a 16-year school education program in a country other than Japan or is expected to pass through.
- (4) A person who studied the class subjects in Japan in a correspondence course provided by a foreign school to pass through the 16-year school education program in the concerned foreign country or is expected to pass through.
- (5) A person who has passed through an education program (limited to that for which the person who has passed through the program is regarded as pass through the 16-year education program of the school education in the concerned foreign country) of a foreign education institute that is established as an institute which offers university education in the school education system in the concerned country and is separately specified by the Minister of Education, Culture, Sports, Science and Technology (MEXT), or is expected to pass through.
- (6) A person who has been awarded a degree equivalent to a bachelor's degree after passing through a course of which the term is 3 years or longer (including a person who studied the class subjects in Japan in a correspondence course provided by a foreign school and passed through the concerned education course; and a person who passed through the education course in an education institution which is established within the school education system in the concerned foreign country and is approved by MEXT as described below) 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 of the concerned foreign country or specified as a corresponding institution by MEXT.
- (7) A person who has passed through the postsecondary course of a professional training college (limited to that meets the criteria specified by MEXT, such as 4 years or longer course term) which is separately specified by MEXT after the date specified by MEXT, or is expected to pass through.
- (8) A person who is 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 entered a graduate school according to Section 2 of Article 102 of the Act and then is approved by our Graduate School to have academic capabilities required for the education in the Graduate School.
- (10) A person who is 22 years or older and is determined to have capabilities equivalent or superior to a graduate of a university in the admission eligibility examination.

(Caution 1) The Applicant who is expected to meet either of the categories of the item (1) to (8) above must be expected to graduate or pass through by September 30, 2020 for October 2020 admission, and by March 31, 2021 for April 2021 admission.

(Caution 2) The applicant who falls under the category of the item (9) or (10) above must undergo a preliminary evaluation of application eligibility (refer to "3. Prerequisites for Application").



### 3. Prerequisites for Application

#### (1) Preliminary Examination

The applicant who falls under the category of the item (9) or (10) must undergo a preliminary evaluation of application eligibility. The concerned applicant must follow the following procedure.

##### a) Application Period

Monday, July 6, 2020 - Friday, July 10, 2020 no later than 17:00

(In the case of submission via mail, the documents must be sent in a registered mail. Indicate the phrase "Application Form for Preliminary Evaluation is enclosed." in red on the front surface of the envelope.)

##### b) Application Documents

Download the specified forms (a, b and c) from the web site 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; any format acceptable. Attach a list of research achievements, if any.
e	Academic transcript from the last school attended	applicants under category (9): undergraduate academic performance record
f	Certificate of graduation from the last school attended	applicants under category (9): certificate of current enrollment/expected graduation
g	Return envelope	Use standard envelope (12cm×23.5cm in size) and fill out your address and name; affix a 374-yen stamp to the front.

(Caution) It is required to attach the English or Japanese translation to the application document written in the other language.

(2) The evaluation results will be notified to the applicant by Tuesday, July 14, 2020.

(3) The applicant who has successfully passed a preliminary evaluation must submit the application documents (except the ones which have been already submitted in a preliminary evaluation) specified for each program. Refer to the page listed in the section "IV Required Documents and Selection Process" (page 11).

### 4. Application Documents

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" (pages 5-6).

No	Document Name	Note
1	Academic transcript	Issued by the president of the university or the dean of the faculty from which the applicant graduated.
2	Certificate of graduation or certificate of expected graduation	Issued by the president of the university or the dean of the faculty from which the applicant graduated. The applicant who has graduated or is expected to graduate from the School of Science of Hiroshima University need not submit this document. The applicant who has graduated or is expected to graduate from a university in China (excluding that in Taiwan, Hong Kong, and Macao) is required to obtain and submit the following document:

		<table border="1"> <thead> <tr> <th>Graduate</th> <th>Prospective Graduate</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>教育部学历证书电子注册备案表*</li> <li>毕业证书</li> <li>学士(硕士)学位证书</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>教育部学籍在线验证报告*</li> <li>毕业预定证书</li> </ul> </td> </tr> </tbody> </table> <p>* Obtain the document for which the Web authentication will be valid as of Tuesday, August 11, 2020 via the authentication system of the Ministry Education of China (中国高等教育学历证书查询).  <a href="http://www.chsi.com.cn/xlcx/bgys.jsp">http://www.chsi.com.cn/xlcx/bgys.jsp</a></p>	Graduate	Prospective Graduate	<ul style="list-style-type: none"> <li>教育部学历证书电子注册备案表*</li> <li>毕业证书</li> <li>学士(硕士)学位证书</li> </ul>	<ul style="list-style-type: none"> <li>教育部学籍在线验证报告*</li> <li>毕业预定证书</li> </ul>
Graduate	Prospective Graduate					
<ul style="list-style-type: none"> <li>教育部学历证书电子注册备案表*</li> <li>毕业证书</li> <li>学士(硕士)学位证书</li> </ul>	<ul style="list-style-type: none"> <li>教育部学籍在线验证报告*</li> <li>毕业预定证书</li> </ul>					
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 category of the item (2) above.</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	Certificate of English language ability	<p>Only for the applicant for Physics Program, Earth and Planetary Systems Science Program or Basic Chemistry Program.</p> <p>Submit the original score certificate of TOEIC® public test, TOEIC®-IP (including College TOEIC®), TOEFL®-CBT, TOEFL®-PBT, or TOEFL®-iBT. If you want your sheet to be returned, please inform us at the time of application.</p> <p>Refer to Caution 3 below for details.</p>				
5	Return envelope	<p>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).</p>				

(Caution 1) It is required to attach the English or Japanese translation to the application document written in the other language.

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

(Caution 3) Regarding certificate of English language ability

Physics Program, Earth and Planetary Systems Science Program and Basic Chemistry Program will use TOEIC® or TOEFL® scores in place of a written foreign language (English) examination.

The original score certificate of TOEIC® public test, TOEIC®-IP (including College TOEIC®), TOEFL®-CBT, TOEFL®-PBT, or TOEFL®-iBT will be accepted. The applicant is required to submit, along with other required documents, the original score certificate of either of these examinations who has taken more than one examination must choose one to submit. If you cannot submit the score certificate please contact the Support Office for the fields of Science.

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 Support Office for the fields of Science.

The applicant who does not submit their score certificate may take the rest of a written foreign language (English) examination (if applicable) but will receive 0 (zero) points for the corresponding portion of the examination.

## 5. Selection Process

### (1) Basic Policy

#### ○Mathematics Program

Academic aptitude examinations (written and oral) evaluate basic knowledge of the specialized subject, the ability to understand, think and self-express, and other abilities of an applicant.

The foreign language proficiency exam (written) evaluates whether the applicant has the linguistic ability necessary for activities in the mathematics course. The academic aptitude examination (written) and the foreign language proficiency exam (written) are evaluated by point-based scores and the oral examination is evaluated by a grade-based score. Admission to the course is determined by comprehensively evaluating the results of these examinations and the academic transcript of the

applicant.

○Physics Program

To evaluate whether an applicant has acquired specialized knowledge and foreign language proficiency in the Bachelor's course and whether the applicant can engage in academic activities in accordance with the Curriculum Policy of the program, written examinations (on the specialized subject) and an oral examination are given to the applicant and the score certificate of TOEIC® or TOEFL® to evaluate basic knowledge, the ability to understand, think and self-express, and other abilities.

Admission to the course is determined based on a comprehensive evaluation of the results of the examinations, the foreign language proficiency and the academic transcript of the applicant.

○Earth and Planetary Systems Science Program

Applicants are screened by comprehensively evaluating the academic transcript of an applicant, the results of a written examination on the specialized subject and an oral examination, and the English-language proficiency of the applicant. The result of the written examination and English-language proficiency (based on the score certificate of TOEIC® or TOEFL®) are evaluated by point-based scores. The academic transcript and the result of the oral examination are evaluated by grade-based scores.

○Basic Chemistry Program

A written examination on the specialized subject and an oral examination are given to evaluate basic knowledge of the specialized subject, the ability to understand, think and self-express, and other abilities. The score certificate of TOEIC® or TOEFL® is evaluated whether an applicant has the foreign language proficiency necessary for activities in the chemistry course.

Admission to the course is determined by comprehensively evaluating the scores of the academic aptitude examinations (written and oral), the score certificate of TOEIC® or TOEFL® and the academic transcript of the applicant.

(2) Evaluation Criteria

○Mathematics Program

【Written examination】 Specialized subject (max. 400 points); foreign language (max. 100 points)

【Oral examination】 Scale of 1 to 4

【Academic transcript】 Scale of 1 to 3

○Physics Program

【Written examination】 Specialized subject (max. 400 points)

【Foreign language】 TOEIC® or TOEFL® scores converted to max. 100 points

【Oral examination】 Scale of 1 to 4

【Academic transcript】 Scale of 1 to 3

○Earth and Planetary Systems Science Program

【Written examination】 Specialized subject (max. 400 points)

【Foreign language】 TOEIC® or TOEFL® scores converted to max. 200 points

【Oral examination】 Scale of 1 to 4

【Academic transcript】 Scale of 1 to 3

○Basic Chemistry Program

【Written examination】 Specialized subject (max. 400 points)

【Foreign language】 TOEIC® or TOEFL® scores converted to max. 100 points

【Oral examination】 Scale of 1 to 4

【Academic transcript】 Scale of 1 to 3

(3) Written Examination and Oral Examination Schedule

Program Name	Written Examination		Oral Examination
Mathematics Program	Thursday, August 27	Specialized subject 9 : 00 - 12 : 00 13 : 30 - 16 : 30	Friday, August 28, 13:00-
	Friday, August 28	Foreign language 9 : 00 - 11 : 00	
Physics Program	Thursday, August 27	Specialized subject 9 : 00 - 12 : 00	
Earth and Planetary Systems Science Program	Thursday, August 27	Specialized subject 9 : 00 - 12 : 00	
Basic Chemistry Program	Thursday, August 27	Specialized subject 9 : 00 - 12 : 00	

(Caution 1) The written examination in foreign language must be English.

(Caution 2) For the contents of the written examination in specialized subject, refer to the table below.  
The use of dictionaries will not be allowed during the written examination in foreign language.

(Caution 3) Details of the oral examination will be notified on the day.

(Caution 4) Those applying for admission to the Mathematics Program must contact the program regarding the content of the examination before application.

(4) Contents of Written Examination in Specialized Subject

Program Name	Contents
Mathematics Program	Basic questions concerning mathematics
Physics Program	Four questions concerning dynamics, electromagnetics, quantum dynamics, and thermal / statistical dynamics
Earth and Planetary Systems Science Program	Six questions concerning earth and planetary systems science; four questions must be chosen and answered.
Basic Chemistry Program	Basic questions from respective branches of chemistry

# Quantum Matter Program

## 1. Admission Policy

### [Quantum Matter Program]

The Quantum Matter Program seeks students who have the following aspirations and motivation and have the basic academic abilities necessary for it:

- 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.

## 2. Application Eligibility

The applicant is required to be a person who do not have Japanese nationality and meets or is expected to meet either of the following qualifications before the date of admission:

- (1) A person who has been awarded a bachelor's degree after passing through a 16-year school education program in a country other than Japan; or
- (2) A person who has been awarded a degree equivalent to a bachelor's degree after passing through a course of which the term is 3 years or longer (including a person who studied the class subjects in Japan and passed through the concerned education course provided by the foreign school as a correspondence course; and a person who passed through the education course in an education institution which is established within the school education system in the concerned foreign country and is approved by the Minister of Education, Culture, Sports, Science and Technology as described below) in a university of 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 of the concerned foreign country or specified as a corresponding institution by the Minister of Education, Culture, Sports, Science and Technology.
- (3) A person who is 22 years or older and is determined to have capabilities equivalent or superior to a graduate of a university in the admission eligibility examination.

(Caution)

The applicant who falls under the category of the item (3) above is required to submit documents for qualification during the period from Monday, July 6, 2020 to Friday, July 10, 2020.

Please contact with the person in charge in the address indicated in the column of "Contact" in Page 4 for more information.

## 3. Application Documents

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" in the page 4. Download the specified forms (3 and 4) from the web site of the Graduate School of Advanced Science and Engineering.

No	Document name	Note
1	Academic transcripts	Issued by the president of the university or the dean of the faculty from which you have graduated. (The applicant who fall under the application eligibility category of the item (1))

2	Graduation certificate or certificate of expected graduation	Issued by the president of the university or the dean of the faculty from which you have graduated. (The applicant who fall under the application eligibility category of the item (1)) The applicant who has graduated or is expected to graduate from a university in China (excluding that in Taiwan, Hong Kong, and Macao) is required to obtain and submit the following document:		
		<table border="1"> <thead> <tr> <th>Graduate</th> <th>Prospective graduate</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>· 教育部学历证书电子注册备案表 *</li> <li>· 毕业证书</li> <li>· 学士（硕士）学位证书</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>· 教育部学籍在线验证报告 *</li> <li>· 毕业预定证书</li> </ul> </td> </tr> </tbody> </table> <p>* Obtain the document for which the Web authentication will be valid at Tuesday, August 11, 2020 via the authentication system of the Ministry Education of China (中国高等教育学历证书查询). <a href="http://www.chsi.com.cn/xlcx/bgys.jsp">http://www.chsi.com.cn/xlcx/bgys.jsp</a></p>	Graduate	Prospective graduate
Graduate	Prospective graduate			
<ul style="list-style-type: none"> <li>· 教育部学历证书电子注册备案表 *</li> <li>· 毕业证书</li> <li>· 学士（硕士）学位证书</li> </ul>	<ul style="list-style-type: none"> <li>· 教育部学籍在线验证报告 *</li> <li>· 毕业预定证书</li> </ul>			
3	Research Plan	Use the specified form to prepare.		
4	Letter of Recommendation	Use the specified form to prepare. It is required to be prepared by the faculty who is expected to be the advisor of the applicant.		
5	Score certificate of an English language ability examination	Score certificate of a language ability examination such as TOEFL and TOEIC		
6	A copy of residence card	If applicant's address is written on the back side of the card, please make a both sided copy.		
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)		
8	Certificate of the Graduate Record Examinations (GRE) (voluntarily submitted)	Submit the certificate of GRE, if any.		

(Caution)

It is required to attach the English or Japanese translation to the application document written in the other language.

#### 4. Selection Process

The results of the academic ability examinations (written and oral examination), English score (evaluated by TOEIC® or TOEFL® score), and the academic transcript will be evaluated totally to determine successful applicants.

The written examination is available in either Japanese or English.

#### evaluation criteria

written examination: 100 points

oral examination: three grade evaluation (A, B, C)

submitted materials (English score and the academic transcript): three grade evaluation (A, B, C)

#### Date of the entrance examination

Written examination	Oral examination
Thursday, August 27, 2020, 9:00 – 10:30	Friday, August 28, 2020, 13:30 -

**Examination subject of written examination**

Mathematics

**Oral Examination**

The oral examination will be given for areas listed below:

- ① Reason for application
- ② Research area and research plan for the Master's Course
- ③ Basic knowledge in the area in which the applicant wants to conduct the research activities

## IV Application procedure

### (1) Application method

Apply via internet and submit the application documents.

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

### (Caution)

The application via internet will not be completed when only the input of the information on the web site 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 ①, ②, and ③ described under the above item (1) during the application period.

**Friday, July 17, 2020 - Monday, July 27, 2020 no later than 17:00 JST**

In the case of ③ (submission via mail), the documents must be sent in a registered mail and reach us no later than Monday, July 27. The documents that will be received after the date shall be accepted only when it is postmarked no later than Friday, July 24.

### (3) Application via internet

#### ◆ Inquiry regarding the system

##### **Online application help desk (only Japanese language available)**

Opened: 10:00 - 18:00 (closed in Saturday, Sunday, and national holidays from April to the end of July)

Tel: +81-501-3786-5124

##### **UCARO Office (only Japanese language available)**

Opened: 10:00 - 18:00 (closed in the period from December 30 to January 3)

Tel: +81-50-3786-5524

- About unclear points regarding the entrance examination, ask the inquiry contact indicated under the section "I Programs and Number of Students to be Admitted" (pages 5 - 6).

Opened: 8:30 - 17:00 (closed in 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>



#### **Step 2: Select the item "Registration for UCARO" on the login screen of UCARO.**

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

Hiroshima University uses the system of UCARO for checking the applicant's number and processing a part of admission procedure for the applicant who will pass the entrance examination.



**Step 3: Input your account information (applicable to the admission examination category for which it is required).**

The applicant who applies to the category for which the entrance examination fee is exempted must ask the inquiry contact indicated under the section "I Programs and Number of Students to be Admitted" (pages 5 - 6) to obtain over the 8 digits of alphanumeric characters and input them.

**Step 4: Input the information regarding the application in the Internet Application System.**

Follow the instruction shown on the screen to input your name, address, etc.

**Step 5: Upload your photograph.**

Follow the instruction shown on the screen to upload the digital data of your photograph (File format: JPEG). It is not allowed to submit the photograph via mail.

**Step 6: Pay the entrance examination fee of 30,000 yen.**

Select either of the following payment method on the "Input Payment Information" screen:

1. Credit card: VISA, MasterCard, JCB, AMERICAN EXPRESS, Diners Club
2. Convenience store: 7-ELEVEN, Lawson, MINISTOP, FamilyMart, Daily Yamazaki, and Seicomart
3. ATM of a financial institution [Pay-easy]
4. Net banking

(Caution)

- The applicant has to pay the charge for use of the Internet Application System (650 yen per application) in addition to the entrance examination fee.
- MEXT Scholarship students who (intend to) apply for Extension of Scholarship Benefit Period are exempted from the application fee. In case of those who are enrolled in the university other than Hiroshima University, please submit the documents (issued by the university, arbitrary form) containing the following items:
  - (1) You are enrolled as a MEXT Scholarship student in the university.
  - (2) You intend to apply for Extension of Scholarship Benefit Period.
- The entrance examination fee once paid will not be returned for any reason after the application is accepted.

In either case of the following items (1) and (2), the entrance examination fee once paid will be returned after deducting the transfer fee. We will mail the form of the "Refund Claim" for refund of the examination fee. Fill in the required information such as the "application number," "name in kana letters," "name," "phone number," "address," "payee account information," and "reason of refund claim," imprint your seal on the form, and mail the form to the inquiry contact indicated in the section "I Programs and Number of Students to be Admitted" (pages 5 - 6) before Friday, February 26, 2021.

The charge for use of the Internet Application System will not be repaid for any case.

- (1) The applicant does not submit the application documents or the application documents are not received.
- (2) The payment of the examination fee is duplicated.

**Step 7: Complete the registration of the application information.**

Write down the application number of 6 digits that is shown on the screen.

**Step 8: Deliver or mail the application documents.**

For the submission address, refer to the inquiry contact described in the section "I Programs and Number of Students to be Admitted" (pages 5 - 6).

The contact desk is opened from 8:30 to 17:00 during the application period for the applicant who delivers the application documents. The contact desk is closed in Saturday, Sunday, and national holidays.

In the case of submission via mail, the documents must be sent in a registered mail and reach us no later than Monday, July 27. The documents that will be received after the date shall be accepted only when it is postmarked no later than Friday, July 24.

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

(4) Application documents

Required application documents vary for each Program.

Refer to the section of the program to which the applicant intends to apply in the section "III Application Eligibility, Required Documents and Selection Process " (Pages 6 - 15).

(5) Submission address for application documents

Refer to the inquiry contact described in the section "I Programs and Number of Students to be Admitted" (Page 4).

# V Miscellaneous

## 1. Instruction for Application

- (1) Consult with the faculty who is expected to be your advisor about your research theme before applying. For the information regarding faculties of the Graduate School of Advanced Science and Engineering, refer to the following web site.

URL: <https://www.hiroshima-u.ac.jp/en/adse/research>



This consultation is held to allow the Graduate School to obtain information beforehand. It will not affect the result of the selection.

- (2) The application document with a defect might be rejected. After the application documents are accepted, they shall not be returned, and it is not allowed to amend the information described in them for any reason.
- (3) For the certificates, it is required to submit the original or a copy with the original certification. Any copy will not be accepted as the certificate without the original certification.
- (4) The score certificate of TOEIC®/TOEFL® submitted for the application for Physics Program, Earth and Planetary Systems Science Program and Basic Chemistry Program will be used for the following purposes.
- ① Entrance examination
  - ② Statistics and analysis of language ability of applicants
- (5) The admission approval shall be withdrawn when it is found that the submitted documents contain any false indication.
- (6) The applicant who is expected to graduate his/her school when he/she applies to our University shall be considered not to be eligible for admission when he/she cannot graduate from the school before the admission date.

## 2. Consultation with the applicant who needs special consideration for the entrance examination and/or education in the Graduate School

The applicant who needs special consideration for the entrance examination and/or education in the Graduate School is required to submit the application form in which the following information is described (the format can be arbitrarily selected) to the inquiry contact described in the section "I Programs and Number of Students to be Admitted" (Page 4) to arrange a consultation.

A. Period for the consultation: Monday, July 6 - Friday, July 10, 2020

B. Information to be described in the application

- ① Name & address of the applicant (the phone number must be included.)
- ② Name of the university from which the applicant graduated, Program for which the applicant will apply, and the name of faculty who is expected to be the applicant's mentor
- ③ Type and severity of the disorder (submit a medical certificate issued by a doctor if the applicant is in treatment)
- ④ Measures that the applicant asks our University to take for the examination
- ⑤ Measures that the applicant asks our University to take for the education in it
- ⑥ Specific measures that were taken in the university from which the applicant graduated
- ⑦ Conditions of the daily life

## 3. Handling of Personal Information

The personal information obtained via the admission selection process (name, birth date, gender, and the other personal information) is used for the selection of entrants, notification to the successful applicants, and admission procedure. After the successful applicant enrolls, Hiroshima University will manage the information for student support (e.g. application for scholarship and tuition exemption) and investigation & research activities (e.g. improvement of the entrance examination system, investigation and analysis on the trend of student's choice). We do not use the information for the other purpose and provide the other person than our concerned faculties and staffs.

#### 4. Admission Procedure

(1) Documents for admission procedure

The documents will be sent after the selection result is announced.

A part of the admission procedure is processed in UCARO system.

(2) Fee

A: Enrollment fee: 282,000 yen

B: Tuition (per year): 535,800 yen

① The enrollment fee once paid will not be returned for any reason.

② The amounts listed above are as of April 2020. When the amount is revised at the time of admission or during the student is in the university, it is required to pay the revised amount.

#### 5. Application for Publication of Examination Results

(1) The information regarding the result of the entrance examination for this Graduate School listed below is disclosed only to the person who applies to the examination (hereinafter referred to as the "applicant for disclosure").

Item	Disclosed information
Examination score	Evaluation of oral examination and submitted documents (evaluation level)

(2) The examination result (personal information) will be disclosed by delivering it on the inquiry contact or sending it via mail.

(3) The applicant for disclosure is required to enter the required information in the form of "Application for Entrance Examination Result Disclosure" which can be downloaded from the web site of the Graduate School of Advanced Science and Engineering and directly send or mail it to the student support office of the Program to which the applicant applied.

Also, it is required to present the admission ticket to allow to identify the applicant.

(4) The Application for Entrance Examination Result Disclosure will be accepted during the period from October 1, 2020 to November 30, 2020 for October 2020 admission and it will be accepted during the period from April 1, 2021 to May 31, 2021 for April 2021 admission.

(5) The result of the disclosure application shall be notified within 30 days after the Application for Entrance Examination Result Disclosure is received.

#### 6. Others

(1) Smoking has been prohibited entirely in all HU campuses from January, 2020.

(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.

## 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 fee for the entrance examinations in the 2020 academic year, to alleviate the economic burden on and to secure educational opportunities for applicants affected by the disasters.

The applicant who wishes to be exempted from the entrance examination fee must contact in advance “Contact & Submission address for Application Documents” listed in the section “I Programs and Number of Students to be Admitted” (pages 5 - 6).

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

The entrance examinations held in the 2020 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) The 2016 Kumamoto Earthquake
- (2) The Heavy Rain Event of July 2018
- (3) 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 section 3 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 details of the areas covered by the Disaster Relief Act, refer to the following web site.

[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 “Contact & Submission address for Application Documents” listed in the section “I Programs and Number of Students to be Admitted” (pages 5 - 6), 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 web site)  
<https://www.hiroshima-u.ac.jp/nyushi/news/1058>
- (2) Disaster victim certificate (a copy is acceptable) (For the applicant who falls under the condition of item (1) of the section 4 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 item (2) of the section 4 above)

#### 7 Application Process (Internet Application)

Refer to the PDF file available from the following web site.

[https://www.hiroshima-u.ac.jp/system/files/142664/menjo\\_r3.pdf](https://www.hiroshima-u.ac.jp/system/files/142664/menjo_r3.pdf)

#### 8 Contact

Refer to “Contact & Submission address for Application Documents” listed in the section “I Programs and Number of Students to be Admitted” (pages 5 - 6).