

October 2020 Admission

Graduate School of Advanced Science and Engineering

(Doctoral Course)

Division of Advanced Science and Engineering

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

**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
Quantum Matter Program
Transdisciplinary Science and Engineering Program
(Environmental and Natural Sciences)**

March 2020



HIROSHIMA UNIVERSITY

Division of Advanced Science and Engineering of the Graduate School of Advanced Science and Engineering (Doctoral 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 taking the leading role in advanced and prominent academic and inter-disciplinary research;
- ② The will to take the leading role 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 sophisticated 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 as a member of society and ethics required for researchers and highly-professional engineers.

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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 outside Japan for admission to the Doctoral Course as indicated below for October 2020 admission.

Division	Program	Capacity	Admission Capacity	Contact Submission address for application documents
Division of Advanced Science and Engineering	Mathematics Program	128	Capacity is separately reserved.	Graduate Student Section, Student Support Office of Graduate School of Science 739-8526 1-3-1 Kagamiyama, Higashi-Hiroshima Tel: 082-830-1510, 4468
	Physics Program			
	Earth and Planetary Systems Science Program			
	Basic Chemistry Program			
	Applied Chemistry Program		Several students	Graduate Student Section, Student Support Office of Graduate School of Engineering 〒739-8527 1-4-1 Kagamiyama, Higashi-Hiroshima Tel: 082-424-7518
	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		Student Support Office of Graduate School of Advanced Sciences of Matter 739-8530 1-3-1 Kagamiyama, Higashi-Hiroshima Tel: 082-424-7008, 7009	
	Quantum Matter Program			
	Transdisciplinary Science and Engineering Program (Environmental and Natural Sciences)		Graduate Student Section, Student Support Office of Graduate School of Integrated Arts and Sciences 739-8521 1-7-1 Kagamiyama, Higashi-Hiroshima Tel: 082-424-6318	
Transdisciplinary Science and Engineering Program (Development Sciences)	Capacity is separately reserved.	Student Support Office of Graduate School for International Development and Cooperation 739-8529 1-4-1 Kagamiyama, Higashi-Hiroshima Tel: 082-424-4680		

(Caution)

- (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 web site of the Graduate School.
URL: <https://www.hiroshima-u.ac.jp/adse/research>
- (2) This special selection procedure is not applied to the following programs:
Mathematics Program, Physics Program, Earth and Planetary Systems Science Program, Basic Chemistry Program, Transdisciplinary Science and Engineering Program (Development Sciences)
- (3) For the information regarding the special selection for foreign students for the programs listed under the previous item (2), refer to the web site of the Graduate School of Advanced Science and Engineering.
URL: <https://www.hiroshima-u.ac.jp/adse/admission>



II Outline of Entrance Examination

1. Schedule of the Entrance Examination

Application period	Date of the entrance examination	Examination subject	Examination result announcement
Monday, May 11, 2020 - Friday, May 22, 2020	A day between Friday, May 29, 2020 and Wednesday, June 10, 2020, specified by the head of the Program.	Oral examination via internet	Planned to be Friday, June 26, 2020.

(Caution)

- (1) Dates listed above are represented in Japan Standard Time (JST).
- (2) Specific schedule of the entrance examination will be notified by the head of the program to which you will apply.

2. Application Eligibility

Refer to the description of the application eligibility for each Program listed in the section "III Application Eligibility and Required Documents" 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 16).
- (2) 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."

4. Examination Subject

Your academic achievement regarding knowledge and application capability in the specialized area and ability to solve problems in the oral examination via internet using Skype or the other method.
Details of the oral examination will be presented at the day of the examination.

5. Selection Process

Eligible applicants will be determined comprehensively based on the result of oral examination and application document review.

6. Result Announcement

The result will be notified to the applicant via an e-mail.
We will send the acceptance certificate and the admission guide to the applicant who will pass the examination.
(We do not answer any inquiry via phone.)

III Application Eligibility and Required Documents

Note that the application eligibility and documents required 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
Applied Chemistry Program	Engineering Programs & Informatics and Data Science Program	Pages 7 to 11
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		
Quantum Matter Program	Quantum Matter Program	Pages 12 to 13
Transdisciplinary Science and Engineering Program (Environmental and Natural Sciences)	Transdisciplinary Science and Engineering Program (Environmental and Natural Sciences)	Pages 14 to 15

Application Eligibility and Required Documents for Engineering Programs

(Applied Chemistry / Chemical Engineering / Electrical, Systems, and Control Engineering / Mechanical Engineering / Transportation and Environmental Systems / Architecture / Civil and Environmental Engineering / Informatics and Data Science)

1. Admission Policy

[Applied Chemistry Program]

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

- ① An ambition for taking the leading role in advanced and prominent academic and inter-disciplinary research;
- ② The will to take the leading role in professional occupations such as researchers and highly-professional engineers in applied 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 wide range of academic knowledge and study skills for the academic areas related to applied chemistry as well as a wide range of intelligence; and
- ④ Common sense as a member of society and ethics required for researchers and highly-professional engineers.

[Chemical Engineering Program]

The Chemical Engineering Program requires the student who enters this program to have not only ambitions and characteristics described below but also the basic academic skills necessary to achieve it:

- ① Ambition for taking the leading role in advanced and prominent academic and cross-disciplinary researches;
- ② An ambition for taking the leading role in advanced and prominent academic and inter-disciplinary research;
- ③ A zeal for establishing the "science for sustainable development" from a multifaceted perspective and for solving regional and international issues by acquiring wide range of academic knowledge and study skills for the academic areas related to the chemical engineering as well as a wide range of intelligence; and
- ④ Common sense as a member of society and ethics required for researchers and highly-professional engineers.

[Electrical, Systems, and Control Engineering Program]

The Electrical, Systems, and Control Engineering Program seeks students who have the following aspirations and motivation and have the basic academic abilities necessary for it:

- ① An ambition for taking the leading role in advanced and prominent academic and inter-disciplinary research;
- ② The will to take the leading role in professional occupations such as researchers and highly-professional engineers in areas related to electrical engineering and systems engineering that constitutes the core of the electrical, systems, and control engineering;
- ③ A zeal for establishing the "science for sustainable development" from a multifaceted perspective and for solving regional and international issues by acquiring wide range of academic knowledge and study skills for the academic areas related to the electrical, systems, and control engineering as well as a wide range of intelligence; and
- ④ Common sense as a member of society and ethics required for researchers and highly-professional engineers.

[Mechanical Engineering Program]

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

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

[Transportation and Environmental Systems Program]

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

- ① An ambition for taking the leading role in advanced and prominent academic and inter-disciplinary research;
- ② The will to take the leading role in professional occupations such as researchers and engineers in areas of the transportation system engineering or the environmental system engineering;
- ③ A zeal for establishing the "science for sustainable development" from a multifaceted perspective and for solving regional and international issues by acquiring wide range of academic knowledge and study skills for the academic areas related to the transportation system engineering and the environmental system engineering as well as a wide range of intelligence; and
- ④ Common sense as a member of society and ethics required for researchers and highly-professional engineers.

[Architecture Program]

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

- ① An ambition for taking the leading role in advanced and prominent academic and inter-disciplinary research;
- ② The will to take the leading role in professional occupations such as researchers and highly-professional engineers in architecture areas;
- ③ A zeal for establishing the "science for sustainable development" from a multifaceted perspective and for solving regional and international issues by acquiring wide range of academic knowledge and study skills for the academic areas related to architecture as well as a wide range of intelligence; and
- ④ Common sense as a member of society and ethics required for researchers and highly-professional engineers.

[Civil and Environmental Engineering Program]

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

- ① An ambition for taking the leading role in advanced and prominent academic and inter-disciplinary research;
- ② The will to take the leading role as a high-level engineer or researcher in areas of civil and environmental engineering including disaster prevention and mitigation engineering;
- ③ A zeal for establishing the "science for sustainable development" from a multifaceted perspective and for solving regional and international issues by acquiring wide range of academic knowledge and study skills for the academic areas related to the civil and environmental engineering as well as a wide range of intelligence; and
- ④ Common sense as a member of society and ethics required for researchers and highly-professional engineers.

[Informatics and Data Science Program]

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

- ① An ambition for taking the leading role in advanced and prominent academic and inter-disciplinary research;

- ② The will to take the leading role in professional occupations such as researchers and highly-professional engineers in the informatics and data science;
- ③ A zeal for establishing the "science for sustainable development" from a multifaceted perspective and for solving regional and international issues by acquiring wide range of academic knowledge and study skills for the academic areas related to the informatics and data science as well as a wide range of intelligence; and
- ④ Common sense as a member of society and ethics required for researchers and highly-professional engineers.

2. Application Eligibility

The applicant is required to be a person who do not have Japanese nationality, resides outside Japan, meets or is expected to meet either of the following qualifications before the date of admission, and has superior ability for Japanese or English language:

- (1) A person who has a master's degree or a professional degree;
- (2) A person who was awarded a degree equivalent to a master's degree or a professional degree in a country other than Japan;
- (3) A person who studied class subjects provided by a foreign school as a correspondence course in Japan and earned a degree equivalent to a master's degree or a professional degree;
- (4) A person who passed through an education course provided by an foreign 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 and earned a degree equivalent to a master's degree or a professional degree;
- (5) A person who passed through an education course of the United Nations University and earned a degree equivalent to a master's degree;
- (6) A person who passed through an education course of a national school, an education institute defined in the item (4) above, or the United Nations University, got through the examination and qualification defined in the item 2 of Article 16 of the Graduate School Establishment Standards, and approved as a person who have academic capabilities equivalent or superior to those of master's degree holders;
- (7) A person who is designated by the Minister of Education, Culture, Sports, Science and Technology (Notification of the Ministry of Education, Culture, Sports, Science and Technology, No. 118 of September 1, 1989);
A person who has been engaged in research activities in a university or research institute for two years or more and whom this Graduate School approved to have academic capabilities equivalent or superior to those of master's degree holders according to the result of the concerned research activities; or
- (8) A person who is approved to have academic capabilities equivalent or superior to those of master's degree or professional degree holders according to the result of the admission qualification examination that is separately conducted and is 24 years or older at the time of the admission.

(Caution)

The applicant who falls under the category of the item (7) or (8) above must refer to the next section "3. Examination of Application Eligibility and Evaluation."

3. Examination of Application Eligibility and Evaluation

Conditions for the categories described under the items (7) and (8) of the section "2. Application Eligibility" are defined as follows:

- (1) A person who meets the following two conditions falls under the category of the item (7):
 - (a) Graduated from a university or passed through a 16-year education course in a foreign school and then has been engaged in research activities in a university or research institute for 2 years or more; and
 - (b) Has a research result such as a publication, academic paper, academic lecture, academic report, or patent that the Graduate School of Advanced Science and Engineering approve to be equivalent to a master's thesis.
- (2) A person who meets the following two conditions falls under the category of the item (8):
 - (a) Has an education record that is sufficient for earning a master's degree in the area of the science and engineering; and
 - (b) Has a research result such as a publication, academic paper, academic lecture, academic report, or

patent that the Graduate School of Advanced Science and Engineering approve to be equivalent to a master's thesis.

(3) The applicant who falls under the category of the item (7) or (8) above is required to submit the documents listed below to the Graduate Student Section, Student Support Office of Graduate School of Engineering during the period from Monday, April 13, 2020 to Friday, April 24, 2020 (the deadline is 5 pm). Download the specified forms (5 and 7) from the web site of the Graduate School of Advanced Science and Engineering.

No	Document name	Note								
1	Verification of Entrance Qualification	Use the specified form to prepare.								
2	Graduation certificate	Issued by the president of the university or the dean of the faculty from which you have graduated.								
3	List of Research Achievements	Use the specified form to prepare. List the research results related to a publication, report, patent, utility model right, etc.								
4	Copy or abstract of a publication and/or other item related to the research achievements	Submit a copy or abstract for all items of the research results listed on the list of research achievements.								
5	Reference for Educational Background	<p>Use the specified form to prepare. 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:</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>· 教育部学历证书电子注册备案表*</td> <td>· 教育部学籍在线验证报告*</td> </tr> <tr> <td>· 毕业证书</td> <td>· 毕业预定证书</td> </tr> <tr> <td>· 学士（硕士）学位证书</td> <td></td> </tr> </tbody> </table> <p>* Obtain the document for which the Web authentication will be valid at Friday, June 5, 2020 via the authentication system of the Ministry Education of China (中国高等教育学历证书查询). The issuance fee must be paid by the applicant. http://www.chsi.com.cn/xlcx/bgys.jsp</p>	Graduate	Prospective graduate	· 教育部学历证书电子注册备案表*	· 教育部学籍在线验证报告*	· 毕业证书	· 毕业预定证书	· 学士（硕士）学位证书	
Graduate	Prospective graduate									
· 教育部学历证书电子注册备案表*	· 教育部学籍在线验证报告*									
· 毕业证书	· 毕业预定证书									
· 学士（硕士）学位证书										

(4) The result of the examination will be notified to the applicant via an e-mail until Friday, May 8, 2020.

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" in the page 4. Download the specified forms (4, 5, 6, 7 and 8) from the web site of the Graduate School of Advanced Science and Engineering.

No	Document name	Note
1	Academic transcripts of the undergraduate school	It is required to be issued and sealed tightly by the president of the university (the dean of the faculty) from which the applicant graduated.
2	Academic transcripts of the graduate school	It is required to be issued and sealed tightly by the president of the university (the dean of the graduate school) from which the applicant graduated.
3	Graduation certificate or certificate of expected graduation	Issued by the president of the university (the head of the graduate school) from which the applicant graduated. It is not required for the applicant who falls under the category of the item (7) or (8).
4	Letter of Recommendation	Use the specified form to prepare. It is required to be issued and sealed tightly by the last advisor or the head of the institute to which the applicant belongs.
5	Summary of Master's Thesis	Use the specified form to prepare. The applicant who has passed through the master's course must submit an abstract of the master's thesis. The applicant who has not passed through the master's course must present the intermediate report of the

		<p>master's thesis. It is not required for the applicant who falls under the category of the item (7) or (8).</p>				
6	List of Research Achievements	<p>Use the specified form to prepare. List the research results related to the master's thesis, a publication, report, patent, utility model right, etc. In addition to that, submit a copy or abstract for all items of the research results listed on the research result report. It is not required for the applicant who falls under the category of the item (7) or (8) because it is submitted separately.</p>				
7	Research Plan	<p>Use the specified form to prepare. Indicate the theme, purpose, method, and schedule of the intended research. Consult with the faculty who is expected to be your advisor in advance to obtain approval for acceptance and prepare the research plan.</p>				
8	Reference for Educational Background	<p>Use the specified form to prepare. It is not required for the applicant who falls under the category of the item (7) or (8) because it is submitted separately. 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:</p> <table border="1"> <thead> <tr> <th>Graduate</th> <th>Prospective graduate</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> · 教育部学历证书电子注册备案表* · 毕业证书 · 学士 (硕士) 学位证书 </td> <td> <ul style="list-style-type: none"> · 教育部学籍在线验证报告* · 毕业预定证书 </td> </tr> </tbody> </table> <p>* Obtain the document for which the Web authentication will be valid at Friday, June 5, 2020 via the authentication system of the Ministry Education of China (中国高等教育学历证书查询). The issuance fee must be paid by the applicant. http://www.chsi.com.cn/xlcx/bgys.jsp</p>	Graduate	Prospective graduate	<ul style="list-style-type: none"> · 教育部学历证书电子注册备案表* · 毕业证书 · 学士 (硕士) 学位证书 	<ul style="list-style-type: none"> · 教育部学籍在线验证报告* · 毕业预定证书
Graduate	Prospective graduate					
<ul style="list-style-type: none"> · 教育部学历证书电子注册备案表* · 毕业证书 · 学士 (硕士) 学位证书 	<ul style="list-style-type: none"> · 教育部学籍在线验证报告* · 毕业预定证书 					

(Caution)

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

Application Eligibility and Required Documents for 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 acquire sophisticated research ability and expertise to obtain the doctor degree and being engaged in advanced 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 unveiling new findings in physics and applying them in an engineering field and/or development of a integrated system 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 wide range of academic 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 as a member of society and ethics required for researchers and highly-professional engineers.

2. Application Eligibility

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

- (1) A person who has a master's degree;
- (2) A person who has been engaged in research activities in a university or research institute for two years or more and whom this Graduate School approved to have academic capabilities equivalent or superior to those of master's degree holders according to the result of the conserved research activities; or
- (3) A person who is approved to have academic capabilities equivalent or superior to those of master's degree or professional degree holders according to the result of the admission qualification examination that is separately conducted and is 24 years or older at the time of the admission.

(Caution)

The applicant who falls under the category of the item (2) or (3) above is required to contact with the person in charge in the address indicted in the column of "Contact" in Page 4 and submit the required documents during the period from Monday, April 13, 2020 to Friday, April 24, 2020

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 (5, 6 and 7) 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 (the head of the graduate school) from which the applicant have graduated.
2	Graduation certificate or certificate of expected graduation	Issued by the president of the university (the head of the graduate school) from which the applicant have graduated. 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:

		Graduate	Prospective graduate
		・教育部学历证书电子注册备案表* ・毕业证书 ・学士(硕士)学位证书	・教育部学籍在线验证报告* ・毕业预定证书
		* Obtain the document for which the Web authentication will be valid at Friday, June 5, 2020 via the authentication system of the Ministry Education of China (中国高等教育学历证书查询). The issuance fee must be paid by the applicant. http://www.chsi.com.cn/xlcx/bgys.jsp	
3	One copy of the master's thesis	The applicant who fall under the application eligibility category of the item (1)	
4	Intermediate report for the research results obtained after graduating from the university	Select a format arbitrarily to prepare the document. The applicant who fall under the application eligibility category of the item (2) or (3)	
5	Research Plan	Use the specified form to prepare. (600 words or longer)	
6	List of Research Achievements	Use the specified form to prepare.	
7	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.	
8	Score certificate of an English language ability examination	Score certificate of a language ability examination such as TOEFL and TOEIC	
9	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. Oral Examination

The oral examination will be given for areas listed below:

- (1) Reason for application
- (2) Research area and research plan for the Doctoral Course
- (3) Basic knowledge in the area in which the applicant want to conduct the research activities

Application Eligibility and Required Documents for Transdisciplinary Science and Engineering Program (Environmental and Natural Sciences)

1. Admission Policy

[Transdisciplinary Science and Engineering Program]

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

- ① An ambition for taking the leading role in advanced and prominent academic and inter-disciplinary research;
- ② The will to explore new academic areas with both of the nature-oriented and human-oriented thoughts;
- ③ A zeal for establishing the "science for sustainable development" from a multifaceted perspective and for solving regional and international issues by acquiring wide range of academic knowledge and study skills for the academic areas related to natural science, engineering, and interdisciplinary areas such as the information science and the international cooperation studies as well as a wide range of intelligence; and
- ④ Common sense as a member of society and ethics required for researchers and highly-professional engineers.

2. Application Eligibility

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

- (1) A person who has a master's degree or a professional degree;
- (2) A person who was awarded a degree equivalent to a master's degree or a professional degree;
- (3) A person who studied class subjects provided by a foreign school as a correspondence course in Japan and earned a degree equivalent to a master's degree or a professional degree;
- (4) A person who passed through an education course provided by an foreign 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 and earned a degree equivalent to a master's degree or a professional degree;
- (5) A person who passed through an education course of the United Nations University and earned a degree equivalent to a master's degree;
- (6) A person who passed through an education course of a national school, an education institute defined in the item (4) above, or the United Nations University, got through the examination and qualification defined in the item 2 of Article 16 of the Graduate School Establishment Standards, and approved as a person who have academic capabilities equivalent or superior to those of master's degree holders;
- (7) A person who is designated by the Minister of Education, Culture, Sports, Science and Technology (Notification of the Ministry of Education, Culture, Sports, Science and Technology, No. 118 of September 1, 1988);

A person who has been engaged in research activities in a university or research institute for two years or more and whom this Graduate School approved to have academic capabilities equivalent or superior to those of master's degree holders according to the result of the concerned research activities; or

- (8) A person who is approved to have academic capabilities equivalent or superior to those of master's degree or professional degree holders according to the result of the admission qualification examination that is separately conducted and is 24 years or older at the time of the admission.

(Caution)

The applicant who falls under either of the categories described in the items (6) to (8) above is required to contact with the person in charge in the address indicted in the column of "Contact" in Page 4 and submit the required documents during the period from Monday, April 13, 2020 to Friday, April 24, 2020

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 (1, 4, 5 and 7) from the web site of the Graduate School of Advanced Science and Engineering.

No	Document name	Note				
1	Personal History	Use the specified form to prepare.				
2	Academic transcripts	Issued by the president of the university (the head of the graduate school) from which the applicant has graduated.				
3	Graduation certificate or certificate of expected graduation	<p>Issued by the president of the university (the head of the graduate school) from which the applicant has graduated.</p> <p>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:</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> <ul style="list-style-type: none"> ・教育部学历证书电子注册备案表* ・毕业证书 ・学士(硕士)学位证书 </td> <td> <ul style="list-style-type: none"> ・教育部学籍在线验证报告* ・毕业预定证书 </td> </tr> </tbody> </table> <p>* Obtain the document for which the Web authentication will be valid at Friday, June 5, 2020 via the authentication system of the Ministry Education of China (中国高等教育学历证书查询). The issuance fee must be paid by the applicant. http://www.chsi.com.cn/xlcx/bgys.jsp</p>	Graduate	Prospective graduate	<ul style="list-style-type: none"> ・教育部学历证书电子注册备案表* ・毕业证书 ・学士(硕士)学位证书 	<ul style="list-style-type: none"> ・教育部学籍在线验证报告* ・毕业预定证书
Graduate	Prospective graduate					
<ul style="list-style-type: none"> ・教育部学历证书电子注册备案表* ・毕业证书 ・学士(硕士)学位证书 	<ul style="list-style-type: none"> ・教育部学籍在线验证报告* ・毕业预定证书 					
4	One copy of the master's thesis	<p>For the thesis written in a language other than Japanese and English, prepare a Japanese or English abstract in the specified format "Abstract of Master's Thesis" to submit.</p> <p>The applicant who is preparing the master's thesis for graduation is required to prepare a abstract in Japanese (with a length of approximately 2,000 characters) or English (with a length of approximately 800 words) to submit.</p>				
5	Research Plan	Use the specified form to prepare. It is required to describe the specific details of the research in Japanese or English.				
6	Record of thesis work	<p>Published thesis</p> <p>For the thesis written in a language other than Japanese and English, attach an abstract of the thesis written in Japanese or English (the required format and length are not specified).</p>				
7	Letter of Recommendation (2 copies)	<p>Use the specified form to prepare.</p> <p>① One copy prepared by the head of the research institute; and</p> <p>② One copy prepared by the research advisor of the applicant.</p>				
8	Score certificate of a language ability examination (optional)	The applicant who has taken an English language ability examination such as TOEFL® and TOEIC® or Japanese Language Proficiency Test is required to submit the score certificate of the test.				

(Caution)

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

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.

Monday, May 11, 2020 - 17:00, Friday, May 22, 2020

(3) Application via internet

◆ Inquiry regarding the system

Internet 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: 0570-06-5124

UCARO Office (only Japanese language available)

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

Tel: 0570-06-5524

- About unclear points regarding the entrance examination, ask the inquiry contact indicated under the section "I Programs and Number of Students to be Admitted" in Page 4.

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 Internet Application System.

Access the following web page:

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



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

Account registration for UCARO (free for 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. Refer to the following URL for UCARO:

<https://www.ucaro.net/>

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" in Page 4 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 have to pay the charge for use of the Internet Application System (500 yen per application) in addition to the entrance examination fee.
- 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" (Page 4) 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" (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. The contact desk is closed in Saturday, Sunday, and national holidays.

In the case of submission via mail, the documents must be send in a registered mail and reach us no later than Friday, June 12. The documents that will be received after the date shall be accepted only when it is postmarked no later than Wednesday, June 10.

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 and Required Documents" (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).

(6) 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, April 13 - Friday, April 24, 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

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 web site of the Graduate School.

URL: <https://www.hiroshima-u.ac.jp/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 a language ability examination (e.g. TOEIC® and TOEFL®) 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. 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.

3. 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.

4. 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 April 1, 2021 to May 31, 2021.
- (5) The result of the disclosure application shall be notified within 30 days after the Application for Entrance Examination Result Disclosure is received.

5. Others

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

※The Kasumi Campus has been smoke-free since April, 2018.

- (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.