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April 2024 Admission October 2024 Admission

Course)

# Application Guidebook

Transdisciplinary Science and Engineering Program (Development Science Field)



Special Selection for International Students

2023 7 July 2023



広島大学

Hiroshima University



I.	.....	P1
II.	.....	P1
III.	.....	P1
IV.	.....	P2
V.	.....	P4
VI.	.....	P4
	.....	P10
	.....	P11

Table of Contents

○Admission Policy of the Graduate School of Advanced Science and Engineering

Information on Entrance Examination

I.	Program and Number of Students to be Admitted	.....	P5
II.	Admission Policy of Program	.....	P5
III.	Admission Requirements	.....	P5
IV.	Application Procedure	.....	P7
V.	Admission	.....	P8
VI.	Enrollment Procedure	.....	P9
	List of Members	.....	P10
	Special Education Program	.....	P13

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.

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

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

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

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

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Towards a smoke-free campus

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



739-8529  
TEL (082)424-4680

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**I.**

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## **I. Program and Number of Students to be Admitted**

This student application guidebook describes the schedule of the entrance examination and the method for selecting students for Transdisciplinary Science and Engineering Program (Development Science Field) and the number of students to be admitted by this student application guidebook are listed below.

effects of infectious diseases, etc.

The changes will be announced on the website of Graduate School of Advanced Science and Engineering, Hiroshima University.

April 2024 Admission    October 2024 Admission

8. A person who has been specially selected by the Minister of MEXT
9. A person who has entered a graduate school, in accordance with the 1947 School Education Law (No. 26, Article 102, Section 2) and recognized by Graduate School as having a suitable academic ability to engage in graduate level studies
10. A person who is 22 years old or more, recognized by Graduate School as having academic ability equivalent to that of a university graduate

### Preliminary Evaluation of Admission Requirements

#### 1. Submission Period

For April Enrollment    October 2 to 17:00, October 6, 2023 (Japan Standard Time, Must Arrive)  
 For October Enrollment    April 8 to 17:00, April 12, 2024 (Japan Standard Time, Must Arrive)

#### 2. Documents to be submitted

Each certificate must be the original. However, if a new certificate is not issued, a certified copy of the original (certified by the official organization (preferably the issuing organization) as being the same as the original) will be accepted.

Any forgery or falsification of the documents and/ or academic fraud would result in cancellation of acceptance even after passing examination and/ or completing enrollment procedure.

Stipulation	Document Type	How to submit
Stipulation 9	(1) Preliminary evaluation application form (use the prescribed form) (2) Curriculum Vitae (use the prescribed form) (3) Undergraduate and Graduate Academic transcripts (4) Certificate of enrollment or graduation from a graduate school	(1) and (2) Submit Word files by E-mail (3) and (4) Submit original documents by mail after sending scanned original documents (Pdf) by E-mail
Stipulation 10	(1) Preliminary evaluation application form (use the prescribed form) (2) Curriculum Vitae (use the prescribed form) (3) Statement by applicant demonstrating that he/she has an academic ability equivalent to that of a university graduate (use the prescribed form) (4) Certificate of Graduation (a certificate showing the last degree obtained) (5) Certificate of Research History by the immediate supervisor (a person who has research history)	(1), (2) and (3) Submit Word files by E-mail (4) and (5) Submit original documents by mail after sending scanned original documents (Pdf) by E-mail

Note for Stipulation 10: If the applicant is a graduate or a current student of any university in China (excluding Taiwan, Hong Kong and Macau), please see the Note 1 on page 7.

#### 3. Address for submission

##### Refer to **I. Program and Number of Students to be Admitted**

Documents to be submitted by mail (original or certified copy)

Without exception, it is required to mail (by registered mail) the documents to be received before the deadline. Please write the following text clearly in red on the envelope:

Documents to be submitted by E-mail

Please send Word or Pdf files by E-mail with the subject line "Submission of documents for Preliminary Evaluation of Admission Requirements ". Please be sure to separate the files for each submitted document and name the files correctly.

Example of file name: "(1) Preliminary evaluation application form " etc.

#### 4. Notification of preliminary evaluation results

The applicant for April enrollment will be notified of the result of the preliminary evaluation by October 16, 2023;  
 The applicant for October enrollment will be notified of the result of the preliminary evaluation by April 15, 2024.

#### IV. Application Procedure

##### 1. Documents for application

Submit all the documents listed below during the application period. Documents that have already been

Please contact Support Office for the fields of International Development and Cooperation for the prescribed forms by E-mail after obtaining consent from the prospective academic advisor. Information on how to pay the Application Fee will also be provided at that time.

Each certificate (except Language Test Score Certificate ) must be the original. However, if a new certificate is not issued, a certified copy of the original (certified by the official organization (preferably the issuing organization) as being the same as the original) will be accepted.

Any forgery or falsification of the documents and/ or academic fraud would result in cancellation of acceptance even after passing examination and/ or completing enrollment procedure.

Document Type	Details	How to submit	
		Mail	E-mail
(1) Application Form	Use the prescribed form		Word
(2) Research Proposal	A detailed research proposal written in either Japanese or English (Use the prescribed form)		Word
(3) Academic Transcript(s)	Issued by the president of the university or the dean of the faculty the applicant attended or is attending. *If the applicant enrolls in or has completed a graduate school, documents of the graduate program as well as the undergraduate program must be submitted. *If there is no explanation about grading system on the transcript, separate official document explaining the system must be attached.		Pdf
(4) Certificate(s) of (Expected) Graduation	Issued by the president of the university or the dean of the faculty the applicant attended or is attending. *If the applicant enrolls in or has completed a graduate school, certificates of the graduate program as well as the undergraduate program must be submitted. * If you are a graduate, make sure that the certificate includes the degree information. *If the applicant is a graduate or a current student of any university in China (excluding Taiwan, Hong Kong and Macau), please refer to the Note 1 on page 7		Pdf
(5) Two Letters of Recommendation	1. Recommendation from an academic advisor. 2. Recommendation from the head of an organization to which the applicants belongs or the president of the university (dean of the faculty). Prescribed form must be used.		Pdf
(6) Language Test Score Certificate	TOEFL® or other equivalent English language test, or Japanese Language Proficiency Test or other equivalent Japanese language test. The tests taken within 2 years before the examination date is preferred. Applicants whose first language is English are not required to submit this certificate.		Pdf
(7) Application Fee	¥30,000 for April enrollment (Japanese Yen only). . Payment information will be notified together with prescribed form. The amount of application fee for October enrollment will be determined in around March 2024. If there is a change , we will inform the revised amount on the website.		

The document (b) above must be obtained t

2. Evaluation Criteria

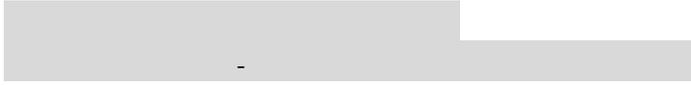
(1) The results of the Document Review and the Oral Examination will be evaluated in scale of three level indicated below

A	Excellent (Most Appropriate for Enrollment)
B	Good (Appropriate for Enrollment)
C	Poor (Inappropriate for Enrollment)

(2) Those who have passed both the Document Review and the Oral Examination will be successful applicants.

## List of Members

Research Theme
Building and urban environmental science for achieving sustainable development in developing world
Living environment planning in buildings and urban area: water environment, landscape and environmental psychology
Transportation planning methods, evaluation of transport policies, and sustainable development and transport
Urban planning, smart mobility, travel behaviour, transport network analysis, data driven technology, mobility in built environment, spatial planning, urban environment analysis, decision making in smart energy, big data & machine learning for urban research
Urban Climate Change Mitigation and Adaptation; Nature-based Solutions; Green Infrastructure; Urban Microclimate, Urban Resilience; Sustainable Urban Forms; Assessment Tools.
Development of biomass energy technologies and application to developing countries Agricultural ecology and development of sustainable agricultural technologies
Renewable energy evaluation and management in developing countries, Numerical models for coastal hazards disaster prevention mitigation, Evaluation of climate changes on natural hazards and renewable energy environment.
Epidemiological study focusing on environmental health problems, Development of health care system based on spatial statistics
Smart urban infrastructure, transportation planning, urban planning, travel behavior analysis, travel survey design, transport network analysis, resilience research, risk
Research and education on ecology and ecosystem management
Large enclosed-space fire safety: evacuation behavior, disaster prevention plan, thermal fume behavior, risk analysis, decision making of evacuation start



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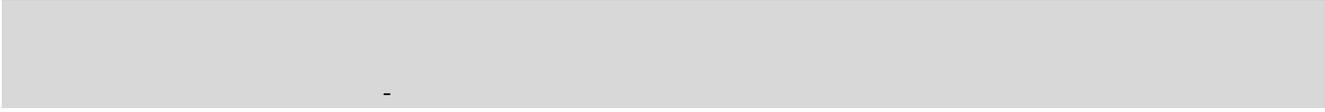
e-mail : [koku-gaku@office.hiroshima-u.ac.jp](mailto:koku-gaku@office.hiroshima-u.ac.jp)





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