

2023年4月入学・2023年10月入学

April 2023 Admission・October 2023 Admission

広島大学大学院先進理工系科学研究科（博士課程前期）

# 学生募集要項

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Application Guidebook

Transdisciplinary Science and Engineering Program (Development Science Field)

◆外国人留学生特別選抜

Special Selection for International Students

2022年7月 July 2022



広島大学

Hiroshima University

先進理工系科学研究科 先進理工系科学専攻（博士課程前期）  
アドミッション・ポリシー

**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 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.

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 interviews, academic tests, and external examinations.

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Towards a smoke-free campus

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

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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.



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

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

<b>Preliminary Evaluation of Admission Requirements</b>
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1. Submission Period

For April Enrollment October 3 to 17:00, October 7, 2022 (Japan Standard Time, Must Arrive)  
For October Enrollment March 6 to 17:00, March 10, 2023 (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:

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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 17, 2022;

The applicant for October enrollment will be notified of the result of the preliminary evaluation by March 13, 2023.

#### IV. Application Procedure

##### 1. Documents for application

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

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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 transfer 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).  accordance with the information on how to transfer the Application Fee provided at the time of requesting the prescribed form. The amount of application fee for October enrollment will be determined in around March 2023. If there is a change , we will inform the revised amount on the website.	/	/

F ) please consult the Support Office for the fields of International Development and Cooperation.

Note1:If the applicant is a graduate or a current student of any university in China (excluding Taiwan, Hong Kong and Macau), please submit all the following documents.

Graduates:

(a) Certificate of Graduation (                      &                      ,J                      A                      )

(b) Online Verification Report of Higher Education Qualification Certificate (                      )

Expected Graduates:

- (a) Certificate of Expected Graduation
- (b) Online Verification Report of Student Record ( )

The document (b) above must be obtained t @E R& (<https://www.chsi.com.cn/xlcx/bgys.jsp>). Please note that applicants must pay the issuing fee for the Online Verification Report by themselves. Also be sure that there are 15 or more days left until the expiration date of the online verification at the time of its submission.

Note2:Documents written in languages other than English or Japanese must be translated into English or Japanese. Submit both the original and translated documents.

Note3:If an applicant is unable to submit Language Test Score Certificate ) an official document made by the university which certifies that the medium of instruction in the foreign institution which the applicant has attended/is attending is English will be accepted.

Note4:Submit a GRE General Test Official Score, if available. (The submission of the GRE score is optional.) The Official Score Report must be sent by ETS directly to Hiroshima University (Institution Code: 2358) no later than the submission period. (The Examinee Score Report sent to applicants from ETS is acceptable as well.)

## 2. Application Procedure

All applicants must obtain consent from their prospective academic advisor who is reported in the application form in advance, and submit all documents in accordance with the time and period below:

### (1).Application time period:

For April Enrollment November 3 to 17:00, November 14, 2022 (Japan Standard Time, Must Arrive)

For October Enrollment April 4 to 17:00, April 14, 2023 (Japan Standard Time, Must Arrive)

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:

J Course, Graduate School of Advanced Science and Engineering

Documents to be submitted by E-mail

Please send Word or Pdf files by E-mail with the subject line "Submission of documents for J Course, Graduate School of Advanced Science and Engineering ". Please be sure to separate the files for each submitted document and name the files correctly.

Example of file name: "(3) Academic Transcript (Undergraduate) " etc.

### (2) Submit applications to:

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

### (3) Others

i) Documents may neither be altered nor amended after submission.

ii) In principle, application materials will not be returned.

iii) Application fee is non-refundable for any reason after the application forms have been accepted.

) Personal information (name, date of birth, gender, etc) recorded on application forms will be used in the selection of entrants, notification of passing of entrance exams, and also entrance procedures. Once successful applicants have entered the university, the university will manage the data for use in matters relating to student support (scholarship applications, tuition fee exemption applications etc.). This data will not be used for any other purpose or be seen by anyone except staff of this university.

However, after an agreement has been made regarding the appropriate use of personal information, there may be cases whereby related business is entrusted to companies outside the university for purposes of computer management.

## V. Admission

### 1. Selection Process

The academic examination consists of the Document Review (Academic Transcripts, Research Proposal, and other application documents) and the Oral E

## 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 Oral Examination will be successful applicants.

## 3. Announcement of Admission

Announcement of admission for April 2023 enrollment will be on December 23,2022(tentative schedule).

Announcement of admission for October 2023 enrollment will be on May 22,2023(tentative schedule).

A written notice will be sent to all successful applicants on the announcement day. Telephone/E-mail inquiries will not be answered.

## VI. Enrollment Procedure

### 1. Period

Early of March for April enrollment and early of September for October enrollment. More details will be informed later.

### 2. Fees

Enrollment Fee:¥ 282,000

Tuition Fee:¥ 535,800 (for one year)

- (1) The above amount is as of April 2022. In case of the revision of the amount at the time of enrollment or during the period of enrollment, the most recent tuition fees will always apply.

- (2) Enrollment fee must be paid at the time of enrollment and tuition fee must be paid after the enrollment. Exact amount, detailed payment methods, and information on enrollment/tuition fee exemption or deferment application will be announced later.

- (3) Enrollment fee, once paid, will not be reimbursed under any circumstances.

### 3. Notes

- (1) 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.

- (2) For applicants accepted on the condition of graduation from currently enrolled university, admission will be cancelled if s/he cannot graduate by the time of enrollment.

## List of Members

Position	Name	Subject	Research Theme
Professor	KUBOTA, Tetsu	Sustainable Architecture A, B	Building and urban environmental science for achieving sustainable development in developing world
Professor	ZHANG, Junyi	Regional and Urban Engineering, Tourism Policy	Various urban, transportation, environment and energy, health, and tourism issues are targeted from the viewpoint of mobilities and urban policy. Relevant research deals with the development of methodologies, technological development, and policy evaluation and formulation for problem solving based on interdisciplinary approaches.
Professor	NISHINA, Daisaku	Environmental Planning	Living environment planning in buildings and urban area: water environment, landscape and environmental psychology
Professor	FUJIWARA, Akimasa	Transportation Engineering, Transportation Planning	Transportation planning methods, evaluation of transport policies, and sustainable development and transport
Professor		Smart Urban Development	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
Associate Professor	H E E J )	Environmental Health Science	Epidemiological study focusing on environmental health problems, Development of health care system based on spatial statistics
Associate Professor	SHARIFI Ayyoob	Urban Environmental Science	Urban Planning and Policy Development, Environmental Planning and Management, Climate Policy, Sustainable Cities
Associate Professor	CHIKARAISHI, Makoto	Risk Management Technology	Urban risk management / Advanced infrastructure planning / Activity-based analysis
Associate Professor	TRAN, Dang Xuan	Biomass Energy Technology, Botany Resources for the Future	Development of biomass energy technologies and application to developing countries Agricultural ecology and development of sustainable agricultural technologies
Associate Professor	HOSAKA, Tetsuro	Ecosystem Conservation and Management Science	Research and education on ecology and ecosystem management
Associate Professor	LEE, Han Soo	Energy Science and Technology	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.
Assistant Professor	ZHANG Runsen	Geographic Information System Technology	E3 Integrated Land Use-Transport Model, E3 (Energy-Environment-Economy) Model, Transport Energy Model and Policy Assessment, Energy and Climate Change Policy
Assistant Professor	SEIKE Miho	Transportation Engineering	Large enclosed-space fire safety: evacuation behavior, disaster prevention plan, thermal fume behavior, risk analysis, decision making of evacuation start

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△Professors who will cease regular teaching within the standard completion period of the thesis. Applicants are allowed to select

him/her as supervisor, but need to inquire of the staff in the Graduate School of Advanced Science and Engineering (Support Office for the fields of International Development and Cooperation).

who are in charge of plural programs including this program.

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I J +F ) you will be informed via the HP of Graduate School of Advanced Science and Engineering. Therefore, please confirm the HP before consulting with a professor.

# 国際環境リーダー育成特別教育プログラム

## 背景

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## プログラム登録要件

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## お問い合わせ先

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