

Program in Information and Management Systems

Graduate School of Comprehensive Scientific Research

Prefectural University of Hiroshima (PUH)

**Student Application
Requirements and Procedures**

2023 Academic Year

Fall Admission

Master's Program

Special Selection for the Students
from Partner Universities

March 2023

Contents

1	Number of Persons to be Accepted.....	- 1 -
2	Application Requirements	- 1 -
3	Schedule.....	- 1 -
4	Screening	- 1 -
5	Application Procedures.....	- 2 -
6	Mailing Address and Contact	- 6 -
7	Notes about Application Procedures	- 6 -
8	Prior Consultations.....	- 6 -
9	Prior Consultations of Physically Challenged and Similar Applicants	- 6 -
10	Announcement of Selection Result.....	- 7 -
11	Admission Procedures.....	- 7 -
12	Admission Fee	- 8 -
13	Tuition and Other Fees.....	- 8 -
14	Scholarships and Housing.....	- 9 -
15	Handling of Personal Information.....	- 9 -
16	Table of Academic Advisors and Research Fields.....	- 10 -

○ PUH in this document refers to the Prefectural University of Hiroshima.

○ Download the forms for application documents on the official website of PUH.

<https://www.pu-hiroshima.ac.jp/site/graduate-selection/fall-admission-englishtrack.html>

○ The times described in this document are all listed in JST (Japan Standard Time).

Prefectural University of Hiroshima Graduate School of Comprehensive
Scientific Research, Program in Information and Management Systems
2023 Academic Year Fall Admission

1 Number of Persons to be Accepted

Selection category	Number of enrollments
Special selection for the students from partner universities	Approx. two persons

2 Application Requirements

Applicants must meet all the requirements below.

- 2.1 Have graduated, or are expected to graduate by September 30, 2023, from a university that has signed an academic exchange agreement with PUH.
- 2.2 Are 22 years of age or older by September 24, 2023.
- 2.3 Have completed, or are expected to complete by September 30, 2023, 16 years of education from elementary school to an institute of higher learning such as a university in a country other than Japan.

3 Schedule

Application period	June 1 (Thu.) ~ June 15 (Thu.), 2023 * All the application documents must reach us by the deadline.
Notification of the examinee's number	Announcement by email after noon on June 22 (Thu.), 2023
Announcement of successful applicants	Noon on June 27 (Tue.), 2023
Admission procedures	June 28 (Wed.) ~ July 12 (Wed.), 2023 * Accepted students who have not completed the procedures by the deadline will be considered as having declined the admission.

4 Screening

4.1 Screening Method

Selection category	Screening method
Special selection for the students from partner universities	Applicants are comprehensively judged based on the contents of all submitted application documents.

4.2 Point allocation

Item	For non-native speaker of English	For native speaker of English
Academic Transcript and Letter of Recommendation	30%	40%
TOEIC/TOEFL Score	20%	-
Research Plan and other documents	50%	60%

5 Application Procedures

Applications are accepted only via the Internet application.

Application Flow

1. Input and register your information



Input your personal information. (Can be done anytime 24 hours a day).



2. Pay the application fee



Pay the application fee of 30,000-JPY by credit card.



3. Print out then send the documents



Print out the application documents (A4 size, black-and-white accepted), confirm all the contents, and then send them using EMS or some other trackable postal means.

5.1 Application Period (Internet Application and Document Submission Period)

Period for Internet application registration and payment of admission selection fee	June 1 (Thu.) 9:00 AM ~ June 15 (Thu.) 5:00 PM, 2023
Submission period of the application documents	June 1 (Thu.) ~ June 15 (Thu.), 2023 * All the application documents must reach us by the deadline.

* The deadline for paying the admission selection fee can be found on a screen displayed after registering your application.

5.2 Application Documents Required for Submission

Download the forms for application documents on the official website of PUH.

Internet application website -> Download Documents

<https://www.pu-hiroshima.ac.jp/site/graduate-selection/fall-admission-englishtrack.html>

○: Accepted, ×: Not accepted

Application Document	Description	Submission	Method	
			Upload	EMS
Application Form	<p>You can print this out after registering your application information on the Internet and paying the application fee.</p> <p>On the "MyPage" screen of the Internet application website, select "Application Registration List" [出願申込一覧] and then "Open the PDF application form" 志願票(印刷)]. Print the application form out on A4, single-side paper for submission.</p>	Required	×	○
Curriculum Vitae (PUH Form)	Use the form downloaded from the official website of PUH. Either upload it or mail it via EMS for submission.	Required	○	○
Research Plan (PUH Form)	Use the form downloaded from the official website of PUH. Select your desired research field and related items, referring to "Academic Advisors and Research Fields" shown in Table 16 (p. - 10 -). Either upload it or mail it via EMS for submission.	Required	○	○
Letter of Recommendation (PUH Form) *No copy	Use the form downloaded from the official website of PUH. Submit the document prepared by your academic advisor, and signed (official seal affixed) by the president or the dean of your university (graduate university). <u>You must submit the original.</u>	Required	×	○
Records of Communication	Submit copies of all records of communication (emails, letters, etc.) showing the details of prior consultations with the research field academic advisor from whom you want to receive guidance about your planned research after admission and other items.	Required	×	○
Graduation Certificate or Expected Graduation Certificate *No copy	Submit a document prepared by the president or dean of your university (graduate university). * Consult with the Academic Affairs Sect. in PUH beforehand if you cannot submit an original copy of the certificate. * Persons who have graduated from an institute of higher learning in China must authenticate their graduation certificates at the China Higher Education Student Information (中国高等教育学生信息网) website (https://www.chsi.com.cn/xlcx/), and submit a printout of the verification screen (Verification Report of China Higher Education Qualification Certificate [教育部学历证书电子注册备案表]).	Required	×	○
Academic Transcript *No copy	Submit a document prepared and sealed by the president or dean of your university (graduate university).	Required	×	○
TOEIC/TOEFL Score Certificate *No copy	Submit any of the following certificates (copies not acceptable). (Multiple certificates can be submitted.) Only score certificates for tests held on or after April 1, 2021 are valid. These certificates will be returned to applicants after the completion of the screening. <ul style="list-style-type: none"> • TOEIC® (L&R or S&W) • TOEIC® -IP(L&R or S&W) • TOEFL®-iBT • TOEFL®-PBT or TOEFL paper test • TOEFL®-ITP <p>* No certificate is required for native speakers of English.</p>	Required	×	○
Photocopy of Passport	Submit a photocopy of the page showing your name, date of birth, sex, and nationality.	Required	×	○

5.3 Changes in an Internet Application

a Before Paying Application Fee

You cannot change registered information after completing the registration.

In such a case, do not pay the admission selection fee, and then complete the application registration procedure again.

On the Internet application website, access "MyPage" (Refer to p. - 5 -) and then click "Carry out the application procedure" and input the information again from the start.

* Do not pay from the application procedure before changing the registered information. Doing so will require a refund procedure at a later date.

(The previous registered information will be automatically eliminated if the payment procedure is not completed).



b After Paying Application Fee

You cannot change the application, selection, or program in your application form. In this case, contact the PUH Academic Affairs Sect. immediately.

If you need to change any of the other contents, after printing out the application documents, cross out the incorrect information with two lines and then make the correction in red ink. (A correction seal is not required.)

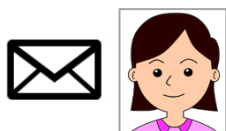
Email: puhnyusi@pu-hiroshima.ac.jp

* Reception hours: Weekdays, 9:00 AM ~ 5:00 PM

5.4 Application Process

① Preparation

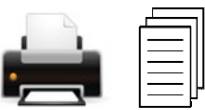
Prepare the following four items before accessing Internet application website. In addition, if you will submit the "Research Plan" and "Curriculum Vitae" by uploading, prepare that data.



■ Email address

* The Administrative Affairs Dept. in PUH will use this to send notifications during application and guidance for printing your examinee sheet.

* If you need to specify a domain to allow for reception of emails, perform settings so that you can receive email from the following domains: (@e-apply.jp, @pu-hiroshima.ac.jp).



■ Face photo data for Application

* The photo must be in JPEG format, within 4 MB, and taken within the 3 months from application.

* It must be taken from the front, showing yourself from the chest up, bareheaded, against a plain white background, and with your face clearly shown.



■ Printer and printing paper (A4 normal paper, black-and-white printing acceptable)

■ Envelope for EMS or other similar postal means with tracking service

② Access to Internet Application Website



Click "Prefectural University of Hiroshima / Online Application" [県立広島大学インターネット出願サイト].

* You can also directly access <https://e-apply.jp/ds/puh/>



③ Setting of "MyPage"



■ First time Registration

1. Click [マイページ登録/MyPage registration] button and make your "MyPage" according to the guidance.
2. Your Password will be sent to your registered email address.
3. Log in to "MyPage" using your email address and received Password.
4. After this point, carry out the application procedure through the MyPage. Be sure to make a note of your registered email address and Password so that you do not forget them.

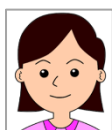
*You cannot change the email address after making your MyPage.

■ After the First Time Registration

1. Log in to "MyPage" using your registered email address and Password.
2. If you forgot your registered email address or Password, you can access the following URL and inquire by email.

★ Support page for Internet application website: <https://e-apply.jp/e/support/>

④ Input of Personal Information and Uploading Face Photo Data (and Application Documents)



1. Click "Carry out the application procedure" and select the program carefully making sure there are no mistakes.
2. Register your application and personal information, according to the on-screen instructions.
3. Upload your face photo data and, if necessary, "Research Plan" and "Curriculum Vitae."

* In "Current Address," make sure to write exactly and without abbreviation an address where you can surely get the documents mailed from PUH. PUH is not responsible for any documents you do not receive.

* Be sure to check all the content you entered. (You cannot change information after the registration is complete.)

* Make sure to record the reception number that is displayed after the application registration.

⑤ Payment of Application Fee



After registering your application information, follow the on-screen instructions and pay 30,000 JPY as the application fee by credit card.

If you are applying for the 2023 MEXT Scholarship (University Recommendation), you can defer payment.

* Attention

You must pay the corresponding handling charges when paying the fee.

⑥ Print-out and Submission of Application Documents



1. Log in to the "MyPage" through the Internet application website.
2. Select "Application Registration List [出願申込一覧]" and then "Open the PDF application form [志願票 (印刷)]."
3. Download the application form and print it out with A4 paper, single side.
4. Submit all the application documents (refer to page 3) with the printed application form to the designated destination by EMS or other similar postal means with tracking service.

* Make sure to include your "Research Plan" and "Curriculum Vitae," if you are not submitting them by uploading. When you have already submitted "Research Plan" and "Curriculum Vitae" by uploading, you do not need to send them.

* The Administrative Affairs Dept. cannot reply to inquiries to confirm the arrival of sent documents.

* If necessary, check the delivery status of your sent documents using tracking services, such as those on the JP Post website.

* The Administrative Affairs Dept. does not notify you of the arrival of your sent documents. We will contact the registered email address only when there is a problem with the application documents.

⑦ Notification of Examinee's Number



The Administrative Affairs Dept. sends an "examinee's number" to your registered email address on or after noon on June 22 (Thu.), 2023.

6 Mailing Address and Contact

Academic Affairs Section, Administrative Affairs Department, Prefectural University of Hiroshima

1-1-71 Ujina-Higashi, Minami-ku, Hiroshima City, Hiroshima Pref. 734-8558, Japan

TEL +81-82-251-9540

Email: puhnyusi@pu-hiroshima.ac.jp

* Reception hours: Weekdays, 9:00 AM ~ 5:00 PM

7 Notes about Application Procedures

7.1 Application periods and times are in Japanese Standard Time (JST, UTC+9).

Make sure that application documents reach PUH within the designated period.

7.2 Fill in the application documents with a pen in black ink or ballpoint pen (not erasable).

7.3 You cannot change "Application Group," "Selection Group," or "Program Group" after your application documents are received, regardless of the reason.

7.4 If there is a change to your address, phone number, or email address after application, contact the Academic Affairs Sect. immediately. PUH will not be responsible if mailed documents or contact from PUH do not reach you because the contents in your application were changed.

7.5 Admission will be revoked if the application requirements are not met by September 30, 2023.

7.6 Admission might be revoked if any contents of the application documents are found to contain falsehoods, even after the admission has been approved.

7.7 Application documents already received by PUH and admission selection fees already paid cannot be returned to you. However, an application fee which is already paid can be refunded if no application documents are submitted. In such cases, please inquire with the Academic Affairs Sect. by email in English by March 31, 2024.

8 Prior Consultations

Be sure to consult in advance by email or letter with your desired advisors concerning your research plan.

You must save all the records of communications with academic advisors, because they are documents that must be submitted.

9 Prior Consultations of Physically Challenged and Similar Applicants

When the applicant requires special care in regards to their study, such as having a physical handicap, the applicant must consult with the Academic Affairs Sect. in advance by email in English before May 8 (Mon.), 2023.

10 Announcement of Selection Result

10.1 Date and Time

Noon on June 27 (Tue.), 2023

10.2 Announcement Method

- a Successful applicants will be mailed an acceptance letter.
- b The examinee's numbers of the successful applicants will be listed on the official website of PUH, but be sure to check for your acceptance letter.

* URL: <https://www.pu-hiroshima.ac.jp/>

The examinee's numbers of the successful applicants will not be displayed on the following bulletin boards of the Prefectural University of Hiroshima.

- c PUH cannot respond to inquiries made by telephone or other methods regarding acceptance.

11 Admission Procedures

Details about the admission procedure guide will be sent with the acceptance letter to successful applicants by EMS.

Information about the payment of the admission fee will be provided after admission. (PUH does not accept cash.)

11.1 Admission Procedure Period

June 28 (Wed.) ~ July 12 (Wed.), 2023

* Make sure that the admission documents will reach us no later than July 12 (Wed.), 2023.

* Accepted students who have not completed the procedures by the deadline will be considered as having declined the admission.

11.2 Admission Procedure Instruction

- a Make sure to submit all the documents required for admission within the designated period by EMS or other similar postal means with tracking service.
- b An admission letter is sent to successful applicants who completed the admission procedure.
- c If an applicant applied as expecting to graduate from university or college but cannot acquire the applicable admission qualification by September 30, 2023, then admission will be revoked for that applicant.

11.3 Department in Charge of Admission Procedures

Academic Affairs Section, Administrative Affairs Department, Prefectural University of Hiroshima

1-1-71 Ujina-Higashi, Minami-ku, Hiroshima City, Hiroshima Pref. 734-8558, Japan

TEL +81-82-251-9540 FAX +81-82-251-9545

Email: puhnysu@pu-hiroshima.ac.jp

* Reception hours: Weekdays, 9:00 AM ~ 5:00 PM

11.4 Important Notes on Admission Procedures

- a Admission documents already received by PUH cannot be returned to you. However, an admission fee and other fees which are already paid can be refunded if the admission procedure is not completed after payment. In such cases, please inquire with the Academic Affairs Sect. by email in English by March 31, 2024.
- b Accepted students who have not completed the procedures by the deadline will be considered as having declined the admission.

12 Admission Fee

394,800 yen

12.1 Successful applicants who are not native speakers of English

The admission fee will be reduced to the amount of 282,000 yen, if at least two of the three requirements in the following table are met.

12.2 Successful applicants who are native speakers of English

The admission fee will be reduced to the amount of 282,000 yen, if the requirements (both ② and ③) other than English fluency (①) in the following table are met.

① English fluency	② College records	③ Research plan evaluation
TOEIC® score of 600 or higher or TOEFL®-iBT score of 69 or higher or IELTS® score of 5.5 or higher	GPA of 3.0 or higher or Grades among the top 30% at one's college or university.	70% or higher

* GPA: Grade Point Average

* A GPA of 4.0 shall be considered full points. (Marking out of 4.0)

* College records shall be for the top 30% of one's department.

13 Tuition and Other Fees

13.1 Tuition

Annual tuition is 535, 800 yen.

* This is the current amount. If the tuition is changed while you are a student, the new tuition will be applied upon the change.

13.2 Other Fees and Expenses

Students are expected to pay other fees and expenses in addition to the above such as fees for Personal Accident Insurance for Students Pursuing Education and Research ("Gakkensai"), and liability insurance coupled with PAS, as well as for textbooks and other materials.

14 Scholarships and Housing

14.1 Scholarships

Students accepted through this selection are provided with a monthly figure of 30,000 yen under the PUH scholarship system. However, this shall be limited to the standard graduation period.

In both the first and second school years, the scholarship will be awarded only once in each October, and the amount for 12 months (30,000 yen / month x 12 months = 360,000 yen) will be transferred to the applicant's bank account.

In principle, the students studying in this special master's program are not allowed to receive more than one scholarship simultaneously. However, "Monbukagakusho Honors Scholarship for Privately Financed International Students" offered by the Japanese Ministry of Education, Culture, Sports, Science and Technology is an exception.

* Scholarships must be refunded if the student withdraws from the university before standard graduation.

14.2 Housing

Housing information will be sent to the successful applicants together with the acceptance letter.

15 Handling of Personal Information

Personal information (Name, Address, Date of Birth, Other Personal Information, etc.) acquired through student selection will be used only for the student selection, acceptance letter, admission procedure, and surveys / research on student selection (improvement of entrance exams, surveys and analysis of applicant trends, etc.).

16 Table of Academic Advisors and Research Fields

Please contact the academic advisors for more information.

Make sure that you consult with your desired advisor concerning your research plan.

Fields	Position	Name, Subject (class), Email	Outline of Research	Research Themes
Information Systems	Prof.	Takumi ICHIMURA Computational Intelligence ichimura @pu-hiroshima.ac.jp	Our current research theme is a theoretical study of Deep Learning and its application to real world problems. This research topic is well known to be a heading for real AI. Our proposed model finds self-organized structures of networks during learning and extracts the visible knowledge from the network.	<ul style="list-style-type: none"> Adaptive structural learning method of deep learning.
	Prof. ★	Yegui XIAO Adaptive Systems xiao @pu-hiroshima.ac.jp (also affiliated with the Doctoral Program of Biological System Science of PUH)	In digital communications, biomedical engineering, control, power engineering, etc., the analysis, cancellation, and control of various signals and noises are indispensable. Our research effort has been focused on developing cutting-edge low-cost-high-performance algorithms and systems for real-life applications. We are also interested in biometrics and time-series forecasting using adaptive neural networks.	<ul style="list-style-type: none"> Advanced active noise control systems for large-scale rotating machines. Adaptive nonlinear filters for both fetal ECG (FECCG) extraction and speech enhancement. Adaptive vibration analysis for monitoring and fault detection. Time-series analysis and prediction using advanced soft computing techniques.
	Prof.	Chunxiang CHEN Information Networks Chen @pu-hiroshima.ac.jp	Quality of service (QoS) on the Internet is more important than ever due to the adoption of packet switching in the Internet. Our current research interests include performance evaluation of communication networks, multiple-traffic-control on multiple-channel systems and OoS on the Internet.	<ul style="list-style-type: none"> Error control and quality of service (QoS). New generation network architecture and traffic engineering. Network management and operation. Traffic control on multiple-channel systems.

★ Supervisors of PhD students in Doctoral Program of Biological System Science of PUH.

Fields	Position	Name, Subject (class), Email	Outline of Research	Research Themes
Information Systems	Prof. ★	Hugang HAN Intelligent Information Systems hhan @pu-hiroshima.ac.jp (also affiliated with the Doctoral Program of Biological System Science of PUH)	In order to design a stable fuzzy control system, usually two types of models, i.e., T-S/polynomial fuzzy models, are used to synthesize a controller for the system concerned. Our study focuses on both the fuzzy models with system uncertainty including disturbances, modeling errors, and so on. Recently, we have been making great effort on the so-called uncertainty observer, which is involved in the controller design, trying to improve control performance.	<ul style="list-style-type: none"> • T-S/polynomial fuzzy controller designs with system uncertainty • State/uncertainty observers to be utilized in adaptive fuzzy control systems • Fuzzy modeling approaches employing the approximation property of neural networks.
	Prof. ★	Tetsuya SHIGEYASU Applied Information Systems sigeyasu @pu-hiroshima.ac.jp	We are developing applied information systems based on wireless computer networks. In particular, our research focuses on network protocols for improving the network performances (throughput, delay, connectivity).	<ul style="list-style-type: none"> • Wireless sensor network • Disaster information collection system • Collision avoidance protocol on wireless LANs
	Assoc. Prof.	Masayuki OKABE Database Engineering okabe @pu-hiroshima.ac.jp	We study the methodologies for developing intelligent and easy-to-use information systems and services using knowledge discovery techniques such as machine learning, data mining, and information retrieval. Research topics include semi-supervised learning algorithms, active sampling method for training data, outlier detection from stream data and context dependent information retrieval systems. Furthermore, we also study some relevant topics such as UI development for interactive data analysis and the application of human computation.	<ul style="list-style-type: none"> • Semi-Supervised Learning and Clustering • Anomaly Detection from Stream data • Context Dependent Information Retrieval
	Assoc. Prof.	Hisako ORIMOTO Processing of Environmental Information orimoto @pu-hiroshima.ac.jp	In the actual sound environment systems, the observed data often contain several fluctuating noises. Therefore, it is necessary to estimate the specific signal based on the observed data. Our research focuses on the noise cancellation and diagnosis methods of stochastic statistical models based on Bayes' theorem.	<ul style="list-style-type: none"> • Signal processing adapted to higher order correlation information • Noise cancellation method using air- and bone-conducted speech signals • Diagnosis method of machine using sound and vibration information

★ Supervisors of PhD students in Doctoral Program of Biological System Science of PUH.

Fields	Position	Name, Subject (class), Email	Outline of Research	Research Themes
Information and Social Sciences	Prof.	Tetsuji TONDA Statistical Modeling ttetsuji @pu-hiroshima.ac.jp	There exist many statistical methods to analyze data. To carry out an effective analysis without loss of information, we select or develop a statistical method based on the properties of data. Our research is focused on developing a statistical method for longitudinal data, spatial data, and exposure data, and their applications to real data.	<ul style="list-style-type: none"> • Statistical inference on time varying coefficients for longitudinal data. • Statistical inference on space varying coefficients for spatial data. • Quantitative evaluation of the effect of radiation/chemical exposure on health status. • Developing a statistical method for spatial survival data and its application to data on A-bomb survivors
	Assoc. Prof.	Daisuke HIROTANI Intelligent Production Systems dhiro @pu-hiroshima.ac.jp	Recently, production systems are becoming bigger and more complex. Our research focuses on production systems, and in particular, the Toyota production system (TPS), supply chain management, and cellular manufacturing. In addition, our research focuses on dynamic worker assignment methods for cross-trained workers such as Bucket Brigades production (known as self-balancing production lines).	<ul style="list-style-type: none"> • Kanban control mechanisms for the Toyota production system (TPS) • Inventory control for supply chain management • Cell formation procedures for cellular manufacturing • Dynamic worker assignment methods for cross-trained workers • Optimal worker assignment for bucket brigades production
Corporate Management	Assoc. Prof.	Toru HASHIGAMI Financial Accounting Study t-hashigami @pu-hiroshima.ac.jp	This study focuses on some modern topics regarding the financial accounting. The accounting system in Japan is changing dynamically and subject to International Financial Reporting Standards (IFRS) due to the agreement between the Accounting Standards Board of Japan (ASBJ) and the International Accounting Standards Board (IASB).	<ul style="list-style-type: none"> • Study on the introduction of IFRS to Japan. • Study on new concepts of assets, liability, income, and so on. • Study on the importance of the cash flow statements under some situations where companies become insolvent. • Study on some advanced analyses of financial data.
		Ichiro TSUKAHARA Financial System i-tsukahara @pu-hiroshima.ac.jp	Our research interests include the household financial behavior and related financial systems. We are also interested in the empirical analysis of financial economics, for example, financial market, financial system, monetary policy and so on.	<ul style="list-style-type: none"> • Empirical analysis of household financial behavior. • Empirical analysis of financial markets. • The role of the financial sector for national and regional economy.

For inquiries about the entrance examination:

Program in Information and Management Systems

Academic Affairs Sect., Administrative Affairs Dept.,
Hiroshima Campus, Prefectural University of Hiroshima

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