

International  
Students

Department of Sustainable System Sciences,  
Graduate School of Humanities and Sustainable System Sciences,  
Osaka Prefecture University

## **Admission Guidelines for International Students**

September 2019, October 2019 Admission: Master's and Doctoral Programs



April 2019

**Graduate School of Humanities and Sustainable System Sciences,  
Osaka Prefecture University**

<https://www.osakafu-u.ac.jp/en/>

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Forms can be downloaded from the University Website.

Click Master’s Program, or Doctoral Program in “Application Documents” of “Graduate School of Humanities and Sustainable System Sciences” in <https://www.osakafu-u.ac.jp/en/admission/graduate/>

# Admission Policy

## Department of Sustainable System Sciences,

## Graduate School of Humanities and Sustainable System Sciences

### (Master's Program)

The Sustainable System Sciences program is engaged in the cultivating of personnel who has the ability to carry out high-level research in their own fields of specialization and the capability to understand and collaborate with research in other fields, and will contribute to the realization of a sustainable society by providing appropriate and effective solutions to real-world problems. Accordingly, we are in search of students who:

1. Have basic research skills in informatics, environmental studies, social system, cognition and behavior, or clinical psychology, the capability to apply their skills to specific problems, and an interest in and understanding of research outcomes in different areas.
2. Have the ability to think logically, and an inquiring mind grounded in a fair and multifaceted perspective.
3. Have a willingness and ambition to learn from the latest findings and have a proactive attitude towards realizing a sustainable society.

Based on the above, we will select students who have acquired the following abilities and aptitudes, namely those who:

1. Have taken a wide range of subjects in their undergraduate program and have demonstrated high academic ability
2. Have acquired specialized knowledge and basic methodologies in informatics, environmental studies, social system, cognition and behavior, or clinical psychology
3. Have English-language reading comprehension and communication skills
4. Have the ability to think logically and have analytical skills necessary to conduct research
5. Possess a strong motivation for research and have a positive attitude to realize a sustainable society

### (Doctoral Program)

The Sustainable System Sciences program is engaged in the cultivating of researchers who has the ability to plan and carry out high-level research in their own fields and the capability to collaborate with researchers in other fields, and will contribute to the realization of a sustainable society through research activities based in an overarching view of contemporary society. Accordingly, we are in search of students who:

1. Have research skills in informatics, environmental studies, social system, cognition and behavior, or clinical psychology, and knowledge for engaging in interdisciplinary research by understanding of research outcomes in different areas.
2. Have an advanced logical thinking and analytical abilities as well as an inquiring mind grounded in a fair and multifaceted perspective.
3. Are strongly motivated to open up new areas of expertise and willing to contribute to the realization of a sustainable society through academic research.

Based on the above, we will select students who have acquired the following abilities and aptitudes, namely those who:

1. Have specialized knowledge in informatics, environmental studies, social system, cognition and behavioral, or clinical psychology
2. Have acquired academic research methodologies in their own field of specialization
3. Have the ability to understand the academic literature in their field of specialization and communicate with other researchers using English
4. Have the advanced logical thinking abilities and analytical skills necessary for conducting academic research
5. Are strongly motivated to discover problems and engage in research and have a proactive attitude toward contributing to the realization of a sustainable society

# Master's Program

## Special Selection for International Students: Student Application Guidelines

### 1. Admission Spaces

Subject	Field of Education or Research	Admission Spaces
Sustainable System Sciences	Knowledge and Information Systems	A few
	Environmental System Sciences	
	Clinical Psychology	

### 2. Applicant Qualifications

Those who do not have Japanese nationality who wishes to be admitted to the Master's program must meet one of the following qualifications. Note that for individuals who have graduated from or who expect to graduate from a Japanese university, this process is limited to those who had been admitted or had transferred through special selection for international students.

- (1) Those who have completed 16 years of school education in foreign countries and those who are expected to complete their studies by September 30, 2019.
- (2) Those who have graduated from universities in Japan, or who are expected to graduate by September 30, 2019.
- (3) Those who have received a Bachelor's degree from National Institution for Academic Degrees and Quality Enhancement of Higher Education or who are expected to receive a degree by September 30, 2019.
- (4) Those who have completed in Japan a 16-year course offered by a foreign school through correspondence in Japan and those who are expected to complete their studies by September 30, 2019.
- (5) Those who have completed in Japan relevant courses designated separately by the Minister of Education, Culture, Sports, Science and Technology at an educational institution that is positioned within the school education system of the relevant foreign country as one that provides university courses <sup>(\*1)</sup>. This also includes those who are expected to complete their studies by September 30, 2019.

\*1 This applies only to those who have completed 16 years of course work as part of school education in the relevant foreign country.

- (6) Those who were awarded a degree equivalent to a Bachelor's degree by completing a course with a study period of at least 3 years at a foreign university or other foreign school <sup>(\*2)</sup> and those who are expected to be awarded the degree by September 30, 2019.

\*2 The comprehensive situation regarding educational research activities shall be limited to those who have been evaluated by the foreign government or persons recognized by related organizations or those designated by the Minister of Education, Culture, Sports, Science and Technology.

This includes completing in Japan, according to the information given above, the correspondence course offered by the relevant foreign school which is part of the education system of that foreign country.

- (7) Those who have completed specialized courses at an advanced vocational school <sup>(\*3)</sup> designated by the Minister of Education, Culture, Sports, Science and Technology after a date to be specified by the Minister, or who expect to do so by September 30, 2019.

\*3 Limited to institutions requiring a minimum period of four years or longer for graduation, and which satisfy other conditions specified by the Minister.

- (8) Those who are designated by the Minister of Education, Culture, Sports, Science and Technology (February 7, 1953; Ministry of Education Notification No. 5).
- (9) Those who are recognized by the Graduate School as having graduated from a university through the qualification screening of applicants and those who have an academic ability equal to or beyond that of a university graduate and are also 22 years of age by

September 30, 2019.

- (10) Those who are recognized by the Graduate School as having graduated from a university through the qualification screening of applicants and those who have an academic ability equal to or beyond that of a university graduate.

**Notes:**

An Application Qualification Screening is required for applicants falling under numbers (9) and (10) above. Please refer to “5. Qualification Screening of Applicants.”

**3. Application Submission Deadlines**

Incomplete submissions may not be accepted. Please be careful.

Please also note that applications cannot be accepted outside the application period, regardless of the reason.

Application schedule	Tuesday, June 25 to Thursday, June 27, 2019 10:00 – 12:00, 13:00 – 15:00
Submission venue	Nakamozu Campus Admissions Office, Building A3, 3rd Floor (* on the map on the back cover)
	By mail: Documents must be received by the application deadline. Documents must be sent by registered mail and must bear the following on the envelope in red ink: “Documents to apply for admission into the Graduate School of Humanities and Sustainable System Sciences.”
Contact	OSAKA PREFECTURE UNIVERSITY Admissions Office 1-1 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan Tel: 072-252-1161 (Int'l calls: +81-72-252-1161)

**4. Application Procedures**

**Before undertaking application procedures, please ask the faculty member you would like to be supervised by.**

The application should be submitted along with the admission materials listed from (1) – (11) below.

Application Documents, etc.		Preparation Method, etc.	
1	Application for Admission, etc.	Application for Admission	<ul style="list-style-type: none"> <li>• Use the form provided by the Graduate School of Humanities and Sustainable System Sciences.</li> <li>• Paste the Photo (4cm×3cm) taken within 3 months.</li> <li>• Fill in the Curriculum Vitae on the back side.</li> </ul>
		Entrance Examination Card	<ul style="list-style-type: none"> <li>• Make sure all the items are filled in.</li> </ul>
		Photo Card	<ul style="list-style-type: none"> <li>• Paste the Photo (4cm×3cm) taken within 3 months.</li> </ul>
		Sheet to affix the postal transfer payment receipt of the examination fee	<ul style="list-style-type: none"> <li>• Affix the postal transfer payment receipt on the enclosed sheet to be submitted with the application.</li> <li>• Your application will be rejected if the examination fee has not been paid by the deadline or if the postal transfer payment receipt is not presented along with your application documents or if no post office date of payment is stamped on the receipt.</li> </ul>

2	Examination Fees	<ul style="list-style-type: none"> <li>The ¥30,000 fee should be paid at any local post office counter with the postal transfer payment slip provided by the Graduate School of Humanities and Sustainable System Sciences. Payment should be made from one week before the deadline of your written application until the deadline date.</li> </ul> <p>Notes: Post offices handle postal payments only on weekdays from 9:00 – 16:00. Please note that the payment cannot be made directly to the university by cash or with a postal money order or by ATM (automatic teller machine) remittance. Retain the receipt issued by the post office upon payment.</p>
3	Research Plan	<ul style="list-style-type: none"> <li>Please use the form provided by the Graduate School of Humanities and Sustainable System Sciences. You can download the form from the University website.</li> <li>Please describe what you have learned about research areas that you wish to pursue, as well as the research topics and methodologies you plan to implement after admission.</li> </ul>
4	Graduation (Completion) Certificate or Document Certifying the Expectation Thereof  (Proof of Application Qualifications)	<ul style="list-style-type: none"> <li>Issued by the President, dean, or other academic official at your alma mater university (original copy).</li> <li>In case Graduation Certificates and Proof of Degree Certificates were issued separately, please submit both (original copies).</li> <li>For individuals who fall under Application Qualifications (3) this will be a Degree Certificate or a document attesting the expectation that such will be granted.</li> </ul>
5	Academic Transcript	<ul style="list-style-type: none"> <li>Issued by the President, dean, or other academic official at your alma mater university (original copy).</li> <li>Applicants from a technical college are asked to submit transcripts for both the regular course and their major.</li> <li>In case that you were admitted by transfer, please also submit transcripts from the school at which you were enrolled prior to transferring.</li> </ul>
6	Original TOEIC or TOEFL Score Certificate	<div data-bbox="523 1552 579 1899" style="writing-mode: vertical-rl; transform: rotate(180deg);">           Knowledge and Information Systems            Environmental System Sciences         </div> <ul style="list-style-type: none"> <li>For TOEIC Listening &amp; Reading Tests administered in or after April 2018, an original copy of a TOEIC Listening &amp; Reading Test OFFICIAL SCORE CERTIFICATE (TOEIC IP Tests are not acceptable), or a Test Taker Score Report or an Examinee Score Report for TOEFL (iBT, PBT). Original copies will be returned after being checked.</li> <li>If you are unable to submit a Score Certificate at the time of application, please submit a statement explaining why (format optional).</li> <li>Even if you submitted a score certificate at the time of application, you will be allowed to resubmit with an updated certificate showing better results on the day of the examination.</li> <li>If you have not yet submitted a score certificate or are submitting an updated certificate showing better results, please submit your original score certificate to the supervisor up to one hour before the start of the first period on the day of examination.</li> <li>While you will be able to sit the examination even if you are unable to submit a score certificate, the score evaluation for the Results of External Examination segment will be 0.</li> </ul>

7	Graduation Thesis related to your desired field  (Including theses to be submitted)  or  Equivalent Academic Paper	Knowledge and Information Systems Environmental System Sciences	For the Graduation Thesis related to your desired area of study or its outline (or equivalent academic paper or its outline): <ul style="list-style-type: none"> <li>• Please provide six (6) copies of the paper and its outline, with the title and your name clearly marked.</li> <li>• For papers written in languages other than Japanese or English, <u>you must attach a translation into either English or Japanese.</u></li> </ul> * Submitted copies of the Graduation Thesis, etc. will not be returned.
		Clinical Psychology	For the Graduation Thesis related to your desired area of study (or equivalent academic paper): <ul style="list-style-type: none"> <li>• Please provide six (6) copies of the paper, with the title and your name clearly marked.</li> <li>• For papers written in languages other than Japanese, you must attach a translation into Japanese.</li> </ul> * Submitted copies of the Graduation Thesis, etc. will not be returned.
8	Copy of the Residence Card (Both Sides)		<ul style="list-style-type: none"> <li>• Copies of both sides of the residence card</li> <li>• Overseas residents are asked to submit a copy of their passport (page with face photo).</li> </ul>
9	Confirmation of Preliminary Interview		<ul style="list-style-type: none"> <li>• The Confirmation of Preliminary Interview signed by (or impressed with the seal of) the faculty member in your desired field. Please use the form provided by the Graduate School of Humanities and Sustainable System Sciences.</li> <li>• Not necessary for those who have submitted for Advanced Qualification Screening of Applicants .</li> </ul>
10	Certificate of Approval of Application Qualifications <b>(For those whose Application Qualifications have been approved by Qualification Screening of Applicants)</b>		Please refer to “5. Qualification Screening of Applicants”
11	Self-addressed stamped envelope (SASE) for mailing the Entrance Examination Card <b>(Only for those applying by mail)</b> Delivery addresses in Japan only		<ul style="list-style-type: none"> <li>• As an SASE, please include an envelope (23.5 cm x 12 cm) printed with your delivery address and pasted with 392 JPY in postage stamps.</li> </ul>

**Notes:**

- Changes to your application will not be accepted once it has been submitted.
- Original copies of certificates are required for application. Copies will not be accepted.  
If you are unable to submit the original copy of any of the Application Documents certifying your Application Qualifications, you must present the originals of materials. Originals will be returned to you after they are checked. Please note that in the case of applications by mail, applicants are asked to write the name of the original they wish to be returned and to include a return envelope printed with your name and address together with sufficient postage for registered mail (or express registered mail).
- **Application documents in languages other than Japanese or English must be accompanied by translations into either English or Japanese.**
- If your name is different from the name that appears on your Graduation Certificate or Transcripts, etc., please consult with the Admissions Office before applying.
- Submitted application materials will not be returned.
- If the applicant wishes to request special consideration during the entrance exam or after enrollment, please contact the Admissions Office prior to the application.
- Examination fees will not be returned except under the following circumstances:
  - (i) You wish to withdraw your application to Osaka Prefecture University.
  - (ii) Your application documents and other items are rejected because they are incomplete or insufficient.
  - (iii) You have inadvertently made a double payment of the entrance examination fee.



Note: Should any of the above applies, you should submit a refund request to the Admissions Office of Osaka Prefecture University no later than one month after the application deadline.

## 5. Qualification Screening of Applicants

Applicants corresponding to items (9) or (10) under Application Qualifications are requested to submit the following documents prior to applying. **Before submitting the documents, please consult with the faculty member you would like to be supervised by.** Note that screening may not be able to take place if the submission package is incomplete. Please contact the office beforehand if you have any questions.

### Documents to be Submitted

- Applicants corresponding to items (9) or (10) under Application Qualifications
- 1. Application Qualification Screening Record (Please use the form provided by the Graduate School of Humanities and Sustainable System Sciences. You can download the form from the University website.)
- 2. Learning Outcomes Report (Approximately 2,000 characters in Japanese or 800 words in English).  
Format optional. Please describe what you have learned in the course of your studies and why it has inspired you to apply. In case you have continued studying after graduation, please describe the results of your subsequent learning activities.
- 3. Confirmation of Preliminary Interview (Please use the form provided by the Graduate School of Humanities and Sustainable System Sciences.)

### Notes:

- **Submission of documents in languages other than Japanese or English must be accompanied by translations into either English or Japanese.**
- If you are asked to submit additional documents by the graduate school, please follow the instructions promptly.

Application schedule	Tuesday, May 28 to Thursday, May 30, 2019 10:00 – 12:00, 13:00 – 15:00
Submission venue	Nakamozu Campus Admissions Office, Building A3, 3rd Floor (* on the map on the back cover)
	By mail: Documents must be received by the application deadline. Documents must be sent by registered mail and must bear the following on the envelope in red ink: "Documents to apply for admission into the Graduate School of Humanities and Sustainable System Sciences."
Contact	OSAKA PREFECTURE UNIVERSITY Admissions Office 1-1 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan Tel: 072-252-1161 (Int'l calls: +81-72-252-1161)

- Simplified examinations may be conducted as necessary.
- Prospective applicants will be notified of screening results prior to the beginning of the application reception period. Those deemed eligible to apply will be sent a "Certificate of Approval of Application Qualifications."
- Individuals who undergo Qualification Screening of Applicants and are deemed eligible to apply to the 2019 Fall Term Admissions are exempted from Qualification Screening of Applicants in the first and second recruitments for the 2020 Spring Term for subsequent applications in the same field only.

## 6. Examination Schedule

Field	Examination Schedule
Knowledge and Information Systems	Monday, August 5, 2019
Environmental System Sciences	
Clinical Psychology	

### Spare Date

In case unexpected circumstances such as natural disasters, the above examination is postponed on the day shown below.

Field	Alternate Date
Knowledge and Information Systems	Tuesday, August 6, 2019
Environmental System Sciences	
Clinical Psychology	

\* In case that the Entrance Examination or other procedures cannot be held as planned due to a natural disaster or other emergency, an “Emergency Notification” will be posted on the university website. [<https://www.osakafu-u.ac.jp/> ]

## 7. Applicant Selection Method

- (1) Selection of applicants will be based on a comprehensive review of Academic Examination, Oral Examination, and External Testing (TOEIC or TOEFL) results, as well as other submitted documents such as the Research Plan and Graduation Thesis.
- (2) Examinations will take place at Osaka Prefecture University Nakamozu Campus. Applicants will be notified about the details on the arrival time and location when the Entrance Examination Cards are issued.
- (3) Some applicants may be exempted from the written examination depending on the circumstances or document submitted. Those exempt from the written examination are still required to take the oral examination.
- (4) Oral Examinations may be carried out by web meeting systems.
- (5) Examination subjects and schedules are as follows:

Subject	Field	Monday, August 5, 2019		Using Results of External Testing
		10:00~12:00	13:30~	
		Specialized Subject	Oral Examination	
Sustainable System Sciences	Knowledge and Information Systems	See [Appendix] (P.9)	Applicants will be asked about their Research Plan.	Using the results of TOEIC or TOEFL tests taken after April 2018.
	Environmental System Sciences	See [Appendix] (P.9)	Applicants will be asked about their Research Plan.	
	Clinical Psychology	A written examination pertaining to basic psychology or clinical psychology. (The test will be conducted in Japanese, and examinees are requested to answer in Japanese. Questions will assess the basic knowledge and application skills for engaging in psychological clinical practice in Japan.)	Interviews will be conducted in Japanese. Questions will be asked about the Research Plan. Japanese linguistic proficiency will be assessed to confirm the applicant is suitable for psychological clinical activities in Japan.	

\* The timing of the oral examination for applicants exempted from the written exam is subject to variation. Applicants will be notified only if the schedule changes.

## [Appendix]

Those who apply for the Knowledge and Information Systems and Environmental System Sciences should fill in the Examination Category on their Application for Admission.

### Knowledge and Information Systems

Select one of the following examination categories (A to B) at the time of application. On the day of your examination, you will answer according to your examination category.

Examination Category	Specialized Examination Subjects
A	Mathematics (Linear Algebra and Statistics), Knowledge and Information Systems (Computer Architecture, Information Networks, Information Systems Engineering)
B	Production System Science (Machine Production Science, Optimization Methods, Production Management, Operations Research)

### Environmental System Sciences

Select one of the following examination categories (A to D) at the time of application. On the day of your examination, you will answer according to your examination category.

Examination Category	Specialized Examination Subjects
A	Natural Environmental Sciences (Conservation Ecology, Landscape Planning, Public Health, Marine Environmental Studies, Environmental Chemistry)
B	Environmental Humanities and Social Sciences (Environmental Philosophy, Environmental Anthropology, Environmental Policy Studies, Environmental Sociology, Cultural Geography)
C	Social Systems Theory (Philosophy, Sociology, Geography, Political Science, Cultural Anthropology)
D	Human Cognition and Behavior (Psychology, Human Informatics, Architectural Environmental Studies)

## 8. Announcement of Examination Results

Friday, August 9, 2019 at 13:00

The examination results will be posted on the front bulletin board of Building A3. The results will also be forwarded to the successful applicants. The successful applicant ID numbers will be listed on the university website from 13:00 on the day of announcement until 18:00 on the fourth day following the announcement (inclusive of the day of announcement). Please note that the office will be unable to respond to telephone inquiries regarding the results of individual applications.

## 9. Enrollment Procedures

### (1) Date of Enrollment

Thursday, September 26, 2019

\* However, the date of enrollment for individuals who earn application qualifications between September 26 and September 30, 2019 will be Tuesday, October 1, 2019.

### (2) Enrollment Procedures

Mid-August 2019 (tentative)

Successful applicants will be notified of procedure details.

Individuals who have not completed Enrollment Procedures will be treated as having declined admission.

Please bring all Enrollment Procedures materials in person. We will not accept them by mail. Enrollment Procedures may also be carried out by a proxy acting on your behalf.

## 10. Tuition (Enrollment Fees and Tuition)

### (1) Enrollment fees (A) 282,000 JPY (B) 382,000 JPY

[Both (A) and (B) may be subject to revision]

Enrollment Fee (A) applies to applicants who have maintained residence in Osaka Prefecture continuously since September 26, 2018 or earlier, or who have a spouse or immediate relative (parent or child) who has done so, while (B) applies to all other applicants.

\* For individuals who earn application qualifications between September 26 and September 30, 2019, this applies to those who have maintained residence in Osaka Prefecture continuously since October 1, 2018 or earlier.

Please remit enrollment fees by bank transfer with the provided bank transfer form before the enrollment process begins.

Note that enrollment fees will not be refunded after Admissions Procedures are complete.

### (2) Annual tuition fee 535,800 JPY/year (To be paid in two installments after enrollment)

When tuition fees change during the student's period of study, the new fees shall apply.

## 11. Regarding the Long-Term Study System

### (1) Purpose

This system is intended for students for whom it will be difficult to complete a curriculum with a standard term of study (2 years for master's program) owing to various circumstances such as holding down a job, and makes it possible for them to obtain a degree by taking longer than the standard term to study in a planned fashion and complete the course.

### (2) Applicant qualification

Individuals who meet any of the following conditions may submit the prescribed documents by the designated deadline to apply for long-term study.

- 1) Applicants who have a job (full-time and part-time employees as well as anyone else who earns their livelihood primarily by income generated thereby) and anticipate difficulties in completing their studies within the standard term.
- 2) Applicants who anticipate difficulties in completing their studies within the standard term owing to children, caregiving, or other responsibilities.
- 3) Applicants with other circumstances beyond their control who anticipate difficulties in completing their studies within the standard term.

### **(3) Term of study**

This System allows students to complete a master's program in a period longer than usual. Master's program: The period can be extended from 2 years to 3 or 4 years.

### **(4) Tuition fees under the long-term study system (annual amount)**

The fee shall be the figure obtained by multiplying the regular annual tuition fee by the number of years corresponding to the standard term of study, and dividing that by the number of years granted for long-term study. Additionally, if a reduction in the period of long-term study has been granted, the student must make up the difference from the original tuition fee. (Should tuition fees be revised while the student is enrolled at the university, the new tuition fees shall apply to enrolled students as well.)

### **(5) Period for submitting Request for Long-Term Study Permission**

Please submit a request together with the Application for Admission. While applications may be accepted after admission, extended registration is offered in one-year increments, and it is not possible to start from the middle of a year. Permission for long-term study is determined after discussions among the faculty of the Graduate School.

### **(6) Permission for long-term study**

Applicants who submitted the request will be contacted after a decision has been made.

### **(7) Please direct all inquiries and submissions regarding long-term study to the Education Affairs Division at the Osaka Prefecture University (Tel 072-252-1161).**

**Note:** Applicants who wish to apply for long-term study should consult beforehand with their prospective supervising faculty member.

## **12. Status of Residence**

Status of Residence under the Immigration Control and Refugee Recognition Act (hereinafter "Status of Residence"). If a person without Study Abroad Status of Residence is permitted to enter the Graduate School, they must obtain such status without delay. In addition, those who have a Status of Residence other than Study Abroad status must change it to Study Abroad. However, those who have the following Status of Residence: Permanent Residency, Fixed-term Residency, Diplomatic Residency, Spouse of a Japanese National etc. do not need to take any further action. Only those who wish to change their Status of Residence to Study Abroad status because of scholarships etc. should follow the necessary procedures.

## **13. Other**

(1) The second semester starts from September 26, 2019 and the classes are open for those admitted in October 1, 2019.

(2) Personal or private information will not be used or revealed for any purpose other than screening. However, the examination results may be used for educational purposes or / and enhancement of student's campus life.

(3) Licensed Psychologists

Please note that in order to be qualified for the Licensed Psychologist examination, you must have completed the undergraduate curriculum designated by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) and the Ministry of Health, Labour and Welfare (MHLW).

(4) Provision of Information on Entrance Examination results

The university will provide examinees with their personal Entrance Examination results. Examinees may request results for one year from day on which successful applicants are announced. For details, please contact Admissions Office.

(5) If entrance examinations, interviews or related admission procedures cannot be held as scheduled due to a natural disaster or an unforeseen or unavoidable reason, an emergency notice will be posted on the following website: <https://www.osakafu-u.ac.jp/> (In Japanese only)

## 14. Inquiries

Graduate School of Humanities and Sustainable System Sciences  
Osaka Prefecture University Admissions Office  
1-1 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan  
Tel 072-252-1161

Osaka Prefecture University Website (Entrance Examination Information)  
<https://www.osakafu-u.ac.jp/admission/>

(The Examinee Numbers of) successful applicants will also be posted



# Overview of the Sustainable System Sciences Master's Program

Since ancient times, human being aimed at professionalism in knowledge production, thus leading to isolation as well as specialization of academic disciplines. We now take for granted the distinction between Science and Literature. However, such dichotomy may not fully reflect the world we live in.

Today we face increasing demands to develop an interdisciplinary and synthesizing perspective in order to address the complexity of the world and to create a sustainable society. We aim to build new knowledge with graduate students by fostering multidisciplinary exchanges across various specialized fields.

## [Knowledge and Information Systems]

We will cultivate personnel who have acquired system design skills to create new value, scientific analytical and thinking skills that can respond to technological advances and social change.

### ▶▶▶ Faculty Members in Charge of the Master's Program (as of April 2019)

Name	Research Area	Research Summary
Shigeki AOKI (Associate Professor)	Information System Engineering, Pattern Recognition	Development, Management and Analysis of Information Systems, Information Security, Pattern Recognition
Nagateru ARAKI (Professor)	Marketing Science	Marketing research on contents such as movies and characters using market data./ Research on market creation using contents.
Masao IZUMI (Professor)	Intelligent informatics, Perceptual Information Processing	Human activity detection from video, Education/Learning support system with Image processing, Various systems using video processing
Koji IWAMURA (Professor)	Production System Science	Production System, Production Simulation, Optimization of Production Planning by Using Multi-Agent or Machine Learning
Tokuteru UESUGI (Associate Professor)	Materials Informatics	Materials design based on machine learning and first-principles calculations, Optimization of materials process by machine learning, Image processing of microstructures using machine learning
Masaya OHTA (Professor)	Information and Communication Systems	OFDM Communication Systems, FPGA Applications, Neural Networks, Augmented Reality, Web Technology, Mobile Apps
Atsuhiko KOJIMA (Associate Professor)	Education Informatics	Development of Learning Management System (LMS) and applications that support learning activities/Teaching methods of information-related education
Ryosuke SAGA (Associate Professor)	Data Engineering Management, Information Systems, Service Science	Knowledge Discovery from Big Data and its Application, Information Retrieval and Recommender System, Information Visualization and Human Computer Interaction, Analysis and Methodology of Existing and New Service Creation
Masashi SUGANO (Professor)	Information Network	New architecture of information network and application / Autonomous distributed network/ Smart grid / Sensor network
Kazuhisa SETA (Professor)	Human Centered AI	Human Centric AI/ Knowledge Modeling and its Methodology/ Ontological Engineering/ Intelligent Tutoring Systems/ Human Computer Interaction
Tomoharu NAKASHIMA (Professor)	Artificial Intelligence	Data analysis, Fuzzy systems, Learning analytics, Game AI, Smart monitoring, Computational intelligence

Name	Research Area	Research Summary
Yuki HAYASHI (Associate Professor)	Artificial Intelligence, Learning Engineering	Learning Support System / Multiparty Multimodal Interaction / Intelligent User Interface
Naoki HIRABAYASHI (Associate Professor)	Production System Science	Production Management Systems, Real Time Production Scheduling, Dynamic Facility Layout, Optimization Method by Mathematical Planning and Metaheuristics
Yukie MAJIMA (Professor)	Healthcare Informatics	The integration of health-care sciences, computer science, information science, cognitive science, and human science to assist in the management of healthcare information.
Seiko MASUDA (Associate Professor)	Health Information	Application to the field of health medical care of the communication robot / Application to regional diagnosis of the GIS / Data Health
Takao MIYAMOTO (Professor)	Information Systems Engineering, Information Security	Information Security / Information Network / Information Systems Engineering / Research on Systems Design, Systems Development and Systems Operation Management
Hiroyuki MORITA (Professor)	Management Information System	Application of data-mining techniques for practical business data.
Hidekazu YANAGIMOTO (Associate Professor)	Statistical Machine Learning, Natural Language Processing	Knowledge discovery from big data with statistical machine learning. / Text mining and machine comprehension using large text corpus.
Shinji WATANABE (Professor)	Information Economics, System Evaluation	Analysis, evaluation, and policy recommendation of the influence of information technology on economic and management systems.

### [Environmental System Sciences]

We will cultivate personnel who can contribute to the construction of sustainable social systems using their specialized knowledge and skills.

Environmental Science course focuses on the relationship between humans and nature.

▶▶ Faculty Members in Charge of the Master's Program (as of April 2019)

Name	Research Area	Research Summary
Takahide UEGAKI (Associate Professor)	Environmental philosophy Contemporary human studies	Theory of environment / Theory of sustainability / Theory of human ontology / philosophy of trust
Takahiro ENDO (Associate Professor)	Environmental policy	Analysis on institutional solutions against water issues such as flood, water shortage and water pollution
Koji OTSUKA (Professor)	Marine environment	Restoration of coastal environment / Enhancement of material circulation using marine biomass / Multiple utilization of deep ocean water / Inclusive impact evaluation using economy-ecology conversion factor
Kenji OKITSU (Professor)	Environmental chemistry	Development of water treatment technology using physicochemical techniques / Study on synthesis and application of functional nanomaterials / Development of sonochemical reactions and sonoprocesses
Kana KURODA (Associate Professor)	Marine environment	Sustainable material cycle system between land and sea: Utilization of marine biomass / Evaluation method using exergy / Environmental awareness / Sustainable fishery and fish-eating



Name	Research Area	Research Summary
Yasuhiko SHIMOMURA (Professor)	Environmental planning	Landscape planning and design in urban and surrounding area/ Green space planning based on the nature and culture, social condition/ Ecological landscape planning
Norimichi TAKENAKA (Professor)	Environmental chemistry Multi-phase chemistry	Study on reactions during phase change/ Study on behavior of nitrogen compounds in the environment/ Developments of new analytical methods, reactions and measurements for trace amounts of substances/ Investigation of environmental effects of biodiesel fuel utilization
Kunihito TOBITA (Associate Professor)	Environmental psychology Built environment	Response of human thermoregulation to changes in environmental conditions/ Thermal comfort/ Prevention of heat related illness
Yuichiro NAKAYAMA (Associate Professor)	Weed science Environmental biology	Ecology and evolution of weedy plants/ Measures against invasive alien plants in alpine ecosystems/ Conservation of endangered plants and vegetation management in urban rivers and green spaces
Yusuke FUJII (Assistant Professor)	Atmospheric Environment	Analysis and evaluation of environmental impact related to air pollution based on field/ laboratory experiment
Wataru FUJITA (Associate Professor)	Environmental sociology/ anthropology	Study on socio-political dynamics concerning sustainable natural resource use in Southeast Asia/ Impact of industrial crops to local socio-ecological systems/ Power relationship of scientific knowledge and local communities' resistance against it
Hidenobu HOSHI (Associate Professor)	Public Health	Study on human-animal coexistence/ proper management of free-roaming cats/ food safety of game meat/ animal repellents
Yukio MIYAWAKI (Professor)	Environmental Anthropology	Studies on transformation of political economy of peripheral states under the influence of globalization, transformation of natural resource utilization, culture and ethnic identity of minority peoples/ Studies on agro-pastoralists in Ethiopia.

Social System course focuses on the connection between people.

▶▶▶ Faculty Members in Charge of the Master's Program (as of April 2019)

Name	Research Area	Research Summary
Yutaka AKIBA (Professor)	Sociology of religion Comparative sociology	Research and Study in Japanese New Religion spreading over Christian Societies
Koji KUDO (Associate Professor)	Sociology of social problems and deviant behavior Educational sociology	Studies of "FUTOKO"(school refusal) and "HIKIKOMORI"(social withdrawal) by social constructionism.
Tamami FUKUDA (Professor)	Cultural geography	Cultural geography of nature and place/ Feminist approach to geographies of home/ Heritage studies/ Geographical thoughts
Masahiko MIZUNO (Professor)	Economic Geography	Economic geography of knowledge, interfirm networks and industrial clusters

Cognition and Human behavior course focuses on the connection between human mind and the environment.

▶▶▶ Faculty Members in Charge of the Master's Program (as of April 2019)

Name	Research Area	Research Summary
Wataru IDE (Professor)	Social psychology Organizational psychology	Organizational behavior / Personnel Evaluation / Work motivation / Social cognition.
Masahiko OKAMOTO (Professor)	Learning Science Developmental Science	Cognitive and developmental processes for numbers / Metacognition / Cognitive and metacognitive process in arithmetic word problem solving / Learning support system for mathematics / Development of a system for co-construction of knowledge / Development of gesture
Naoko KAWANO (Associate Professor)	Geropsychology/Clinical Psychology	Psychological assessment, Cognition in elderly adults and patients with mental disorders, Characteristics of elderly drivers, Clinical geropsychology for persons with dementia/MCI.
Akira NOTSU (Associate Professor)	Cognitive informatics Soft computing	Cognitive model and learning algorithm / Agent-based modeling and simulation / Optimization algorithm
Shogo MAKIOKA (Professor)	Cognitive Psychology Cognitive Science	synesthesia / visual word recognition / unconscious processing / memory / language acquisition / neural networks

**[Clinical Psychology]**

From the view point that the psyche exists not by itself, but in close interaction with natural and social environments, we examine the relationship between the psyche and the environments from trans-regional perspectives, which exceed the traditional framework of the human science, to foster clinical psychologists who are capable to cope with diverse psychological problems in the 21 century. Graduates are expected to work in mental health fields in the future, such that the curriculum corresponds to the graduate programs for certification of clinical psychologists with emphasis on clinical trainings in actual clinical settings. The Japanese ability in communication is required for successful completion of the program.

▶▶▶ Faculty Members in Charge of the Master's Program (as of April 2019)

Name	Research Area	Research Summary
Mayumi KATAHATA (Associate Professor)	Clinical Psychology	Study on Imagery Experiences and Expression from the Standpoint of Clinical Psychology / Generation of the Subject in Play Therapy / Role of Bodily Senses in Sandplay, Story, Drawing in Psychotherapy
Toshihisa KAWAHARA (Professor)	Clinical Psychology	Study on Images of Dream, Drawing, Sand-Play Emerging in Psychotherapy / Study on Therapeutic Meanings of Body-Complains and Body-Senses in Psychotherapy / Study on Therapeutic Agency through Images and Body
Tetsuya KAWABE (Associate Professor)	Clinical Psychology	Psychological Study on Subjective Experiences (Déjà vu Experiences etc.) / Psychological Experiences of Antarctica / Study of Autobiographical Memory and Developmental Disorder
Junji SOUDA (Professor)	Psychopathology Clinical Psychology	Study on Psychopathology of Mental Disorders; Schizophrenia, Depression, Borderline Case etc. / Study on Process of Projective Identification in Psychoanalytic Psychotherapy
Koji TAKAHASHI (Associate Professor)	Clinical Psychology	Study on Creativity of Image and Physicality through Process of Psychotherapy / Group Approach through Expressing Images / Psychotherapy in Educational Environment

# Doctoral Program

## Special Selection for International Students: Student Application Guidelines

### 1. Enrollment Capacity

Subject	Field of Education or Research	Admission Spaces
Sustainable System Sciences	Knowledge and Information Systems	A few
	Environmental System Sciences	

### 2. Application Qualifications

Those who do not have Japanese nationality who wishes to be admitted to the Doctoral program must meet one of the following qualifications.

- (1) Those who received a degree equivalent to a Master's degree or a professional degree in a foreign country and those who expect to obtain one by September 30, 2019.
- (2) Those who have completed a course of study at an overseas school and completed a Master's degree program at a graduate school in Japan, or who are expected to do so by September 30, 2019.
- (3) Those who have completed in Japan a course offered by a foreign school through correspondence and have been awarded a degree equivalent to a Master's degree or a professional degree. This also includes those who expect to obtain one by September 30, 2019.
- (4) Those who have completed the relevant course designated separately by the Minister of Education, Culture, Sports, Science and Technology at an education institution positioned within the school education system of the relevant foreign country as a graduate school that provides graduate courses in that country. This also includes those who have received the equivalent of a Master's degree or professional degree and those who expect to receive one by September 30, 2019.
- (5) Those who completed the program at the United Nations University and received a degree equivalent to a Master's degree and those who expected to be awarded one by September 30, 2019.
- (6) Those who are recognized as having completed an education course at a foreign school and have passed the equivalent of Qualifying Examination (QE) or expected to pass QE by September 30, 2019, and also those who have an academic ability that is equal to or beyond that of an individual with a Master's degree.
- (7) A person designated by the Minister of Education, Culture, Sports, Science and Technology (September 1, 1989 Ministry of Education, Science and Culture Notification No. 118)
  - (a) Those who have graduated from a university in Japan, have engaged in research at a university or research institute etc. for more than 2 years, have received a Master's degree by engaging in research at our Graduate School, have an academic ability that is beyond that of an individual with a Master's degree.
  - (b) Those who have completed 16 years of school education in a foreign country or have completed courses offered by a foreign school through correspondence in Japan, have engaged in research for over 2 years at a university or research institute, have received a Master's degree by engaging in research at our Graduate School, have an academic ability that is beyond that of an individual with a Master's degree.
- (8) Those who are recognized by the Graduate School as having Master's degree or a professional degree from this Graduate School through the qualification screening of applicants and those who have an academic ability equal to or beyond that of an individual with a Master's degree or a professional degree.

**Notes:**

Applicants who apply under Items (7), (8) must undergo examinations specified in Section 5 of the “Qualification Screening of Applicants”.

**3. Application Submission Deadlines**

Incomplete submissions may not be accepted. Please be careful.

Please also note that applications cannot be accepted outside the application period, regardless of the reason.

Application schedule	Tuesday, June 25 to Thursday, June 27, 2019 10:00 – 12:00, 13:00 – 15:00
Submission venue	Nakamozu Campus Admissions Office, Building A3, 3rd Floor (* on the map on the back cover)
	By mail: Documents must be received by the application deadline. Documents must be sent by registered mail and must bear the following on the envelope in red ink: “Documents to apply for admission into the Graduate School of Humanities and Sustainable System Sciences.”
Contact	OSAKA PREFECTURE UNIVERSITY Admissions Office 1-1 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan Tel: 072-252-1161 (Int'l calls: +81-72-252-1161)

**4. Application Procedures**

**Before undertaking application procedures, please ask the faculty member you would like to be supervised by.**

The application should be submitted along with the admission materials listed from (1) – (11) below.

Application Documents, etc.		Method of Preparation, etc.
1	Application for Admission	<ul style="list-style-type: none"> <li>• Use the form provided by the Graduate School of Humanities and Sustainable System Sciences.</li> <li>• Paste the Photo (4cm×3cm) taken within 3 months.</li> <li>• Fill in the Curriculum Vitae on the back side.</li> </ul>
	Entrance Examination Card	<ul style="list-style-type: none"> <li>• Make sure all the items are filled in.</li> </ul>
	Photo Card	<ul style="list-style-type: none"> <li>• Paste the Photo (4cm×3cm) taken within 3 months.</li> </ul>
	Sheet to affix the postal transfer payment receipt of the examination fee	<ul style="list-style-type: none"> <li>• Affix the postal transfer payment receipt on the enclosed sheet to be submitted with the application.</li> <li>• Your application will be rejected if the examination fee has not been paid by the deadline or if the postal transfer payment receipt is not presented along with your application documents or if no post office date of payment is stamped on the receipt.</li> </ul>

2	Examination Fees	<ul style="list-style-type: none"> <li>The ¥30,000 fee should be paid at any local post office counter with the postal transfer payment slip provided by the Graduate School of Humanities and Sustainable System Sciences. Payment should be made from one week before the deadline of your written application until the deadline date.</li> </ul> <p>Notes: Post offices handle postal payments only on weekdays from 9:00 – 16:00. Please note that the payment cannot be made directly to the university by cash or with a postal money order or by ATM (automatic teller machine) remittance. Retain the receipt issued by the post office upon payment.</p> <ul style="list-style-type: none"> <li>Examination Fees are unnecessary for students who continue on to the Doctoral Program after completing the Master's programs at our graduate school.</li> </ul>
3	Research Plan	<ul style="list-style-type: none"> <li>Please use the form provided by the Graduate School of Humanities and Sustainable System Sciences, or you can download the form from the University website.</li> <li>Please describe what you have learned about research areas that you wish to pursue, as well as the research topics and methodologies you plan to implement after admission.</li> </ul>
4	<p>Master's Thesis related to your desired field (Including theses to be submitted) or Equivalent academic papers or materials such as research presentations</p>	<ul style="list-style-type: none"> <li>Please provide six (6) copies each of the thesis and a 1,200 character abstract (300 words in English), with the title and name clearly marked.</li> <li>In lieu of the Master's thesis, applicants may submit academic papers or research publications as an equivalent. In this case, as well, submit 6 copies (each) of the publication and abstract. If you have additional materials, such as papers or research presentations other than these, you may attach them.</li> <li>For papers written in languages other than Japanese or English, <u>you must attach a translation into either English or Japanese.</u></li> </ul> <p>* Please also note that the submitted copies of the Master's Thesis, etc. will not be returned.</p>
5	<p>Graduation (Completion) Certificate or Document Certifying the Expectation Thereof  (Proof of Application Qualifications)</p>	<ul style="list-style-type: none"> <li>Issued by the President, dean, or other academic official at your alma mater university (original copy).</li> <li>In case Graduation (Completion) Certificates and Proof of Degree Certificates were issued separately, please submit both (original copies).</li> <li>In regard to the cases referred to in (6), Certification Documentation for passing QE or expected to pass QE.</li> </ul>
6	Academic Transcript (graduate school)	<ul style="list-style-type: none"> <li>Issued by the President, Graduate School Director, dean, or other academic official at your alma mater university.</li> </ul>
7	Original TOEIC or TOEFL Score Certificate	<p style="text-align: center;">Knowledge and Information Systems</p> <ul style="list-style-type: none"> <li>For TOEIC Listening &amp; Reading Tests administered in or after April 2016, an original copy of a TOEIC Listening &amp; Reading Test OFFICIAL SCORE CERTIFICATE (TOEIC IP Tests are not acceptable), or a Test Taker Score Report or an Examinee Score Report for TOEFL (iBT, PBT). Original copies will be returned after being checked.</li> <li>If you are unable to submit a Score Certificate at the time of application, please submit a statement explaining why (format optional).</li> <li>Even if you submitted a score certificate at the time of application, you will be allowed to resubmit with an updated certificate showing better results on the day of the examination.</li> <li>If you have not yet submitted a score certificate or are submitting an updated certificate showing better results, please submit your original score certificate to the supervisor up to one hour before the start of the first period on the day of examination.</li> <li>While you will be able to sit the examination even if you are unable to submit a score certificate, the score evaluation for the Results of External Examination segment will be 0.</li> </ul>

8	Copy of the Residence Card (Both Sides)	<ul style="list-style-type: none"> <li>• Copies of both sides of the residence card</li> <li>• Overseas residents are asked to submit a copy of their passport (page with face photo).</li> </ul>
9	Confirmation of Preliminary Interview	<ul style="list-style-type: none"> <li>• The Confirmation of Preliminary Interview signed by (or impressed with the seal of) the faculty member in your desired field. Please use the form provided by the Graduate School of Humanities and Sustainable System Sciences.</li> <li>• Not necessary for those who have submitted for Advanced Qualification Screening of Applicants.</li> </ul>
10	Certificate of Approval of Application Qualifications <b>(For those whose Application Qualifications have been approved by Qualification Screening of Applicants)</b>	Please refer to “5. Qualification Screening of Applicants ”
11	Self-addressed stamped envelope (SASE) for mailing the Entrance Examination Card <b>(Only for those applying by mail)</b> Delivery addresses in Japan only	<ul style="list-style-type: none"> <li>• As an SASE, please include an envelope (23.5 cm x 12 cm) printed with your delivery address and pasted with 392 JPY in postage stamps.</li> </ul>

**[Important Notes When Submitting TOEIC and TOEFL Scores]**

- The name of the “TOEIC Public Test” has been changed to the “TOEIC Listening & Reading Test,” and the name of the official certificate has also changed from the “OFFICIAL SCORE CERTIFICATE” to the “TOEIC Listening & Reading OFFICIAL SCORE CERTIFICATE.” However, if the test was conducted within the term of validity, you may still submit a TOEIC Public Test OFFICIAL SCORE CERTIFICATE.
- The name of the TOEFL Score Certificate has changed from “Examinee Score Report” to the “Test Taker Score Report.” However, if the Public Score was conducted within the term of validity, you may still submit an Examinee Score Report.

**Notes:**

- Changes to your application will not be accepted once it has been submitted.
- Original copies of certificates are required for application. Copies will not be accepted.  
If you are unable to submit the original copy of any of the Application Documents certifying your Application Qualifications, you must present the originals of materials. Originals will be returned to you after they are checked. Please note that in the case of applications by mail, applicants are asked to write the name of the original they wish to be returned and to include a return envelope printed with your name and address together with sufficient postage for registered mail (or express registered mail).
- **Application documents in languages other than Japanese or English must be accompanied by translations into either English or Japanese.**
- If your name is different from the name that appears on your Graduation Certificate or Transcripts, etc., please consult with the Admissions Office before applying.
- Submitted application materials will not be returned.
- If the applicant wishes to request special consideration during the entrance exam or after enrollment, please contact the Admissions Office prior to the application.
- Examination fees will not be returned except under the following circumstances:
  - (i) You wish to withdraw your application to Osaka Prefecture University.
  - (ii) Your application documents and other items are rejected because they are incomplete or insufficient.
  - (iii) You have inadvertently made a double payment of the entrance examination fee.

Note: Should any of the above applies, you should submit a refund request to the Admissions Office of Osaka Prefecture University no later than one month after the application deadline.

## 5. Qualification Screening of Applicants

Applicants corresponding to items (7) or (8) under Application Qualifications are requested to submit the following documents prior to applying. **Before submitting the documents, please consult with the faculty member you would like to be supervised by.** Note that screening may not be able to take place if the submission package is incomplete. Please contact the office beforehand if you have any questions.

### Documents to be Submitted

1. Application Qualification Screening Record (Please use the form provided by the Graduate School of Humanities and Sustainable System Sciences. You can download the form from the University website.)
2. Research Progress Report (Please use the form provided by the Graduate School of Humanities and Sustainable System Sciences. You can download the form from the University website.)  
Please submit any supporting materials such as papers, research presentations etc.
3. Confirmation of Preliminary Interview (Please use the form provided by the Graduate School of Humanities and Sustainable System Sciences.)

### Notes:

- **Submission of documents in languages other than Japanese or English must be accompanied by translations into either English or Japanese.**

- If you are asked to submit additional documents by the graduate school, please follow the instructions promptly.

Application schedule	Tuesday, May 28 to Thursday, May 30, 2019 10:00 – 12:00, 13:00 – 15:00
Submission venue	Nakamozu Campus Admissions Office, Building A3, 3rd Floor (* on the map on the back cover)  By mail: Documents must be received by the application deadline. Documents must be sent by registered mail and must bear the following on the envelope in red ink: “Documents to apply for admission into the Graduate School of Humanities and Sustainable System Sciences.”
Contact	OSAKA PREFECTURE UNIVERSITY Admissions Office 1-1 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan Tel: 072-252-1161 (Int'l calls: +81-72-252-1161)

- Simplified examinations may be conducted as necessary.
- Prospective applicants will be notified of screening results prior to the beginning of the application reception period. Those deemed eligible to apply will be sent a “Certificate of Approval of Application Qualifications.”
- Individuals who undergo Qualification Screening of Applicants and are deemed eligible to apply to the 2019 Fall Term Admissions are exempted from Qualification Screening of Applicants in the first and second recruitments for the 2020 Spring Term for subsequent applications in the same field only.

## 6. Examination Schedule

Field	Examination Schedule
Knowledge and Information Systems	Monday, August 5, 2019
Environmental System Sciences	

### **Spare Date**

In case unexpected circumstances such as natural disasters, the above examination is postponed on the day shown below.

Field	Alternate Date
Knowledge and Information Systems	Tuesday, August 6, 2019
Environmental System Sciences	

\* In case that the Entrance Examination or other procedures cannot be held as planned due to a natural disaster or other emergency, an “Emergency Notification” will be posted on the university website. [<https://www.osakafu-u.ac.jp/> ]

## 7. Applicant Selection Method

- (1) Selection of applicants will be based on a comprehensive review of Academic Examination, Oral Examination, and External Testing results (Knowledge and Information Systems field only), as well as other submitted documents such as the Research Plan and Master’s Thesis.
- (2) Examinations will take place at Osaka Prefecture University Nakamozu Campus. Applicants will be notified about the details on the arrival time and location when the Entrance Examination Cards are issued.
- (3) In the Environmental System Sciences, some applicants may be exempted from the written examination depending on the circumstances or document submitted. Those exempt from the written examination are still required to take the oral examination.
- (4) Oral Examinations may be carried out by web meeting systems.
- (5) Examination subjects and schedules are as follows:

Subject	Field	Monday, August 5, 2019		Using Results of External Testing
		10:00~12:00	13:30~	
		Specialized Subject	Oral Examination	
Sustainable System Sciences	Knowledge and Information Systems	/		Using the results of TOEIC or TOEFL tests taken after April 2016.
	Environmental System Sciences	A written examination relating to the desired area of research. (Including questions in either Japanese or English)	Applicants will be asked about their Master’s Thesis and Research Plan. *Start times will vary by area of research. You will be informed of your starting time on the day.	/

\* The timing of the oral examination for applicants exempted from the written exam is subject to variation. Applicants will be notified only if the schedule changes.



## 8. Announcement of Examination Results

Friday, August 9, 2019 at 13:00

The examination results will be posted on the front bulletin board of Building A3. The results will also be forwarded to the successful applicants. The successful applicant ID numbers will be listed on the university website from 13:00 on the day of announcement until 18:00 on the fourth day following the announcement (inclusive of the day of announcement). Please note that the office will be unable to respond to telephone inquiries regarding the results of individual applications.

## 9. Enrollment Procedures

### (1) Date of Enrollment

Thursday, September 26, 2019

\* However, the date of enrollment for individuals who earn application qualifications between September 26 and September 30, 2019 will be Tuesday, October 1, 2019.

### (2) Enrollment Procedures

Mid-August 2019 (tentative)

Successful applicants will be notified of procedure details.

Individuals who have not completed Enrollment Procedures will be treated as having declined admission.

Please bring all Enrollment Procedures materials in person. We will not accept them by mail. Enrollment Procedures may also be carried out by a proxy acting on your behalf.

## 10. Tuition (Enrollment Fees and Tuition)

### (1) Enrollment fees (A) 282,000 JPY (B) 382,000 JPY

[Both (A) and (B) may be subject to revision]

Enrollment Fee (A) applies to applicants who have maintained residence in Osaka Prefecture continuously since September 26, 2018 or earlier, or who have a spouse or immediate relative (parent or child) who has done so, while (B) applies to all other applicants.

\* For individuals who earn application qualifications between September 26 and September 30, 2019, this applies to those who have maintained residence in Osaka Prefecture continuously since October 1, 2018 or earlier.

Please remit enrollment fees by bank transfer with the provided bank transfer form before the enrollment process begins.

Note that enrollment fees will not be refunded after Admissions Procedures are complete.

**\* Enrollment Fees are unnecessary for students who continue on to the Doctoral Program after completing the Master's programs at our graduate school.**

### (2) Annual tuition fee 535,800 JPY/year (To be paid in two installments after enrollment)

When tuition fees change during the student's period of study, the new fees shall apply.

## 11. Regarding the Long-Term Study System

### (1) Purpose

This system is intended for students for whom it will be difficult to complete a curriculum with a standard term of study (3 years for doctoral program) owing to various circumstances such as holding down a job, and makes it possible for them to obtain a degree by taking longer than the standard term to study in a planned fashion and complete the course.

### (2) Applicant qualification

Individuals who meet any of the following conditions may submit the prescribed documents by the designated deadline to apply for long-term study.

- 1) Applicants who have a job (full-time and part-time employees as well as anyone else who earns their livelihood primarily by income generated thereby) and anticipate difficulties in completing their studies within the standard term.
- 2) Applicants who anticipate difficulties in completing their studies within the standard term owing to children, caregiving, or other responsibilities.
- 3) Applicants with other circumstances beyond their control who anticipate difficulties in completing their studies within the standard term.

### (3) Term of study

This System allows students to complete a doctoral program in a period longer than usual. Doctoral program: The period can be extended from 3 years to 4, 5 or 6 years.

### (4) Tuition fees under the long-term study system (annual amount)

The fee shall be the figure obtained by multiplying the regular annual tuition fee by the number of years corresponding to the standard term of study, and dividing that by the number of years granted for long-term study. Additionally, if a reduction in the period of long-term study has been granted, the student must make up the difference from the original tuition fee. (Should tuition fees be revised while the student is enrolled at the university, the new tuition fees shall apply to enrolled students as well.)

### (5) Period for submitting Request for Long-Term Study Permission

Please submit a request together with the Application for Admission. While applications may be accepted after admission, extended registration is offered in one-year increments, and it is not possible to start from the middle of a year. Permission for long-term study is determined after discussions among the faculty of the Graduate School.

### (6) Permission for long-term study

Applicants who submitted the request will be contacted after a decision has been made.

### (7) Please direct all inquiries and submissions regarding long-term study to the Education Affairs Division at the Osaka Prefecture University (Tel 072-252-1161).

**Note:** Applicants who wish to apply for long-term study should consult beforehand with their prospective supervising faculty member.

## 12. Status of Residence

Status of Residence under the Immigration Control and Refugee Recognition Act (hereinafter "Status of Residence"). If a person without Study Abroad Status of Residence is permitted to enter the Graduate School, they must obtain such status without delay. In addition, those who have a Status of Residence other than Study Abroad status must change it to Study Abroad. However, those who have the following Status of Residence: Permanent Residency, Fixed-term Residency, Diplomatic Residency, Spouse of a Japanese National etc. do not need to take any further action. Only those who wish to change their Status of Residence to Study Abroad status because of scholarships etc. should follow the necessary procedures.

### 13. Other

- (1) The second semester starts from September 26, 2019 and the classes are open for those admitted in October 1, 2019.
- (2) Personal or private information will not be used or revealed for any purpose other than screening. However, the examination results may be used for educational purposes or / and enhancement of student's campus life.
- (3) Provision of Information on Entrance Examination results  
The university will provide examinees with their personal Entrance Examination results. Examinees may request results for one year from day on which successful applicants are announced. For details, please contact Admissions Office.
- (4) If entrance examinations, interviews or related admission procedures cannot be held as scheduled due to a natural disaster or an unforeseen or unavoidable reason, an emergency notice will be posted on the following website: <https://www.osakafu-u.ac.jp/> (In Japanese only)

### 14. Inquiries

Graduate School of Humanities and Sustainable System Sciences  
Osaka Prefecture University Admissions Office  
1-1 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan  
Tel 072-252-1161

Osaka Prefecture University Website (Entrance Examination Information)  
<https://www.osakafu-u.ac.jp/admission/>

(The Examinee Numbers of) successful applicants will also be posted



# Overview of the Sustainable System Sciences Doctoral Program

Since ancient times, human being aimed at professionalism in knowledge production, thus leading to isolation as well as specialization of academic disciplines. We now take for granted the distinction between Science and Literature. However, such dichotomy may not fully reflect the world we live in.

Today we face increasing demands to develop an interdisciplinary and synthesizing perspective in order to address the complexity of the world and to create a sustainable society. We aim to build new knowledge with graduate students by fostering multidisciplinary exchanges across various specialized fields.

## [Knowledge and Information Systems]

We will cultivate researchers who have acquired system design skills to create new value, scientific analytical and thinking skills that can respond to technological advances and social change.

### ▶▶ Faculty Members in Charge of the Doctoral Program (as of April 2019)

Name	Research Area	Research Summary
Nagateru ARAKI (Professor)	Marketing Science	Marketing research on contents such as movies and characters using market data./Research on market creation using contents.
Masao IZUMI (Professor)	Intelligent informatics, Perceptual Information Processing	Human activity detection from video, Education/Learning support system with Image processing, Various systems using video processing
Koji IWAMURA (Professor)	Production System Science	Production System, Production Simulation, Optimization of Production Planning by Using Multi-Agent or Machine Learning
Tokuteru UESUGI (Associate Professor)	Materials Informatics	Materials design based on machine learning and first-principles calculations, Optimization of materials process by machine learning, Image processing of microstructures using machine learning
Masaya OHTA (Professor)	Information and Communication Systems	OFDM Communication Systems, FPGA Applications, Neural Networks, Augmented Reality, Web Technology, Mobile Apps
Ryosuke SAGA (Associate Professor)	Data Engineering Management, Information Systems, Service Science	Knowledge Discovery from Big Data and its Application, Information Retrieval and Recommender System, Information Visualization and Human Computer Interaction, Analysis and Methodology of Existing and New Service Creation
Masashi SUGANO (Professor)	Information Network	New architecture of information network and application / Autonomous distributed network / Smart grid / Sensor network
Kazuhiisa SETA (Professor)	Human Centered AI	Human Centric AI/Knowledge Modeling and its Methodology/Ontological Engineering / Intelligent Tutoring Systems / Human Computer Interaction
Tomoharu NAKASHIMA (Professor)	Artificial Intelligence	Data analysis, Fuzzy systems, Learning analytics, Game AI, Smart monitoring, Computational intelligence
Yuki HAYASHI (Associate Professor)	Artificial Intelligence, Learning Engineering	Learning Support System / Multiparty Multimodal Interaction / Intelligent User Interface
Naoki HIRABAYASHI (Associate Professor)	Production System Science	Production Management Systems, Real Time Production Scheduling, Dynamic Facility Layout, Optimization Method by Mathematical Planning and Metaheuristics
Yukie MAJIMA (Professor)	Healthcare Informatics	The integration of health-care sciences, computer science, information science, cognitive science, and human science to assist in the management of healthcare information.

Name	Research Area	Research Summary
Takao MIYAMOTO (Professor)	Information Systems Engineering, Information Security	Information Security / Information Network / Information Systems Engineering / Research on Systems Design, Systems Development and Systems Operation Management
Hiroyuki MORITA (Professor)	Management Information System	Application of data-mining techniques for practical business data.
Hidekazu YANAGIMOTO (Associate Professor)	Statistical Machine Learning, Natural Language Processing	Knowledge discovery from big data with statistical machine learning. / Text mining and machine comprehension using large text corpus.
Shinji WATANABE (Professor)	Information Economics, System Evaluation	Analysis, evaluation, and policy recommendation of the influence of information technology on economic and management systems.

### [Environmental System Sciences]

We will cultivate researchers who can contribute to the construction of sustainable social systems using their specialized knowledge and skills.

Environmental Science course focuses on the relationship between humans and nature.

▶▶ Faculty Members in Charge of the Doctoral Program (as of April 2019)

Name	Research Area	Research Summary
Koji OTSUKA (Professor)	Marine Environment	Restoration of coastal environment / Enhancement of material circulation using marine biomass / Multiple utilization of deep ocean water / Inclusive impact evaluation using economy-ecology conversion factor
Kenji OKITSU (Professor)	Environmental Chemistry	Development of water treatment technology using physicochemical techniques / Study on synthesis and application of functional nanomaterials / Development of sonochemical reactions and sonoprocesses
Yasuhiko SHIMOMURA (Professor)	Environmental planning	Landscape planning and design in urban and surrounding area / Green space planning based on the nature and culture, social condition / Ecological landscape planning
Norimichi TAKENAKA (Professor)	Environmental chemistry Multi-phase chemistry	Multi-phase chemistry / Study on behavior of nitrogen compounds in the environment / Developments of new analytical methods, reactions and measurements for trace amounts of substances / Investigation of environmental effects of biodiesel fuel utilization
Yuichiro NAKAYAMA (Associate Professor)	Weed science Environmental biology	Ecology and evolution of weedy plants / Measures against invasive alien plants in alpine ecosystems / Conservation of endangered plants and vegetation management in urban rivers and green spaces
Hidenobu HOSHI (Associate Professor)	Public Health	Study on human-animal coexistence / proper management of free- roaming cats / food safety of game meat / animal repellents
Yukio MIYAWAKI (Professor)	Environmental Anthropology	Studies on transformation of political economy of peripheral states under the influence of globalization, transformation of natural resource utilization, culture and ethnic identity of minority peoples. / Studies on agro-pastoralists in Ethiopia.

Psychology and Social Environment course focuses on the connection between people and that between human mind and the environment.

▶▶▶ Faculty Members in Charge of the Doctoral Program (as of April 2019)

Name	Research Area	Research Summary
Yutaka AKIBA (Professor)	Sociology of religion Comparative sociology	Research and Study in Japanese New Religion spreading over Christian Societies
Wataru IDE (Professor)	Social psychology Organizational psychology	Organizational behavior/Personnel Evaluation/Work motivation /Social cognition.
Masahiko OKAMOTO (Professor)	Learning Science Developmental Science	Cognitive and developmental processes for numbers / Metacognition/Cognitive and metacognitive process in arithmetic word problem solving/Learning support system for mathematics /Development of a system for co-construction of knowledge/Development of gesture
Toshihisa KAWAHARA (Professor)	Clinical Psychology	Study on Images of Dream, Drawing, Sand-Play Emerging in Psychotherapy / Study on Therapeutic Meanings of Body-Complains and Body-Senses in Psychotherapy / Study on Therapeutic Agency through Images and Body
Junji SOUDA (Professor)	Psychopathology Clinical Psychology	Study on Psychopathology of Mental Disorders; Schizophrenia, Depression, Borderline Case etc. / Study on Process of Projective Identification in Psychoanalytic Psychotherapy
Akira NOTSU (Associate Professor)	Cognitive informatics Soft computing	Cognitive model and learning algorithm/Agent-based modeling and simulation/Optimization algorithm
Tamami FUKUDA (Professor)	Cultural geography	Cultural geography of nature and place/Feminist approach to geographies of home/Heritage studies/Geographical thoughts
Shogo MAKIOKA (Professor)	Cognitive Psychology Cognitive Science	synesthesia/visual word recognition/unconscious processing/memory/language acquisition/neural networks
Masahiko MIZUNO (Professor)	Economic Geography	Economic geography of knowledge, interfirm networks and industrial clusters