

Graduate School of Informatics  
Osaka Metropolitan University

Master's Degree Program  
Admission Guidelines for International Students

[April 2023 Admission]

[September, October 2022 Admission]



< On the Response to COVID-19 >

The latest information on our response to COVID-19 shall be published on our website. Any changes to the information provided in the admission guidelines shall also be published on our website, so please remember to check it regularly.

Osaka Metropolitan University Admission Guidelines Website (In Japanese only)

<https://www.upc-osaka.ac.jp/new-univ/admissions/>



May 2022

Osaka Metropolitan University

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## Documents to be submitted

- Application for Admission
- Entrance Examination Card
- Photo Card
- Résumé
- Research Plan
- Application form for late submission of score certificate

## Qualification Screening Documents to be submitted

- Application Qualification Screening Record
- Report of Academic Standing

## Admission Policy

### Graduate School of Informatics

The basic philosophy of the Graduate School of Informatics to contribute to the development of a sustainable society and the creation of culture by human resources with (1) the ability to realize human information processing capabilities in computers and machines, (2) the ability to enhance human information processing capabilities with the help of computers and machines, (3) the systematic thinking ability to analyze various organically connected phenomena as one system and find the best solution, and (4) the ability to understand research in other fields and collaborate, which are all necessary to solve the various problems that emerge in society, and, thus, who can provide appropriate and effective solutions to real-world problems. Based on this basic philosophy, our education and research philosophy is to nurture engineers, researchers, and educators who have acquired a deep knowledge of fundamental information and communication technology and who have the ability to apply and develop it and pioneer new academic fields. To achieve and realize this philosophy of education and research, our Graduate School seeks students with the following qualities, abilities, and motivation.

1. A person who has a desire to contribute to society as a highly specialized engineer and a researcher who can work independently.
2. A person who possesses basic research skills in informatics, interest in, and understanding toward research findings from different fields, and the ability to apply them to specific problems.
3. A person with high level of communication skills capable to communicate globally.
4. A person who can think logically and have an inquisitive mind that takes a fair and multifaceted viewpoint.
5. A person with the desire to improve and willingness to learn from the latest knowledge and a proactive stance toward the realization of a sustainable society.

Based on the above, in order to welcome students who are a good fit to our Graduate School, we select students who have acquired the following five abilities and aptitudes.

1. A person who has taken a wide range of subjects at the undergraduate level and acquired a high level of basic academic skills and a rich knowledge of informatics.
2. A person who has acquired expert knowledge and basic methodology in informatics.
3. A person who can read the literature and communicate in English.
4. A person who possesses the logical thinking and analytical skills necessary for research.
5. A person with a strong motivation toward research and a proactive stance toward the realization of a sustainable society.

## **Department of Core Informatics**

Our philosophy of education and research is to build on each person's background and foundational academic abilities in their field of specialization to learn passionately about cutting-edge knowledge in the area of "informatics in a broad sense," and based on this knowledge, to passionately engage in academic creation and research for technological development that will contribute to the development of informatics into the future, and we would like to bring in students who demonstrate such attitudes. To achieve and realize this philosophy of education and research, the Department of Core Informatics seeks students with the following qualities, abilities, and motivation.

1. A person who has a desire to contribute to society as an engineer or researcher.
2. A person with a strong sense of responsibility and a willingness to think deeply about the impact of electrical and information technologies on people, society, and nature.
3. A person who has the attitude and passion to voluntarily and proactively explore new fields in response to significant advances in science and technology.
4. A person who has basic academic skills, a wealth of basic knowledge in specialized fields, and a willingness to confront unknown problems on their own to solve them.
5. A person with the desire to understand different cultures and to communicate in a diverse and international manner.

Based on the above, in order to welcome students who are a good fit to our department, we select students who have acquired the following five abilities and aptitudes.

1. A person who has taken a wide range of subjects in the undergraduate program and have a high level of academic ability.
2. A person who has acquired expert knowledge and basic methodology in informatics.
3. A person who can read the literature and communicate in English.
4. A person who possesses the logical thinking and analytical skills necessary for research.
5. A person with a strong motivation towards research and a proactive stance toward the realization of a sustainable society.

## **Department of Interdisciplinary Informatics**

We aim to nurture professionals the ability to conduct advanced research in their own specialized field and the ability to understand research in other fields and collaborate, and thus, who can contribute to the realization of a sustainable society by providing appropriate and effective solutions to real-world problems. Therefore, the department seeks students with the following characteristics.

1. A person with basic research skills in informatics, interest in and understanding toward research findings from different fields, and the ability to apply these results to specific problems.
2. A person who can think logically and have an inquisitive mind that takes a fair and multifaceted viewpoint.
3. A person with high level of communication skills capable to communicate globally.
4. A person with the desire to improve and willingness to learn from the latest knowledge and a proactive stance toward the realization of a sustainable society.

Based on the above, in order to welcome students who are a good fit to our department, we select students who have acquired the following five abilities and aptitudes.

1. A person who has taken a wide range of subjects in the undergraduate program and has a high level of academic ability.
2. A person who has acquired expert knowledge and basic methodology in informatics.
3. A person who can read the literature and communicate in English.
4. A person who possesses the logical thinking and analytical skills necessary for research.
5. A person with a strong motivation toward research and a proactive stance toward the realization of a sustainable society.

# Admission Guidelines for International Students

## [1] Admission Places

Department	Courses	Capacity	Admission Places	
			April 2023 Admission	September, October 2022 Admission
Core Informatics	Intelligent Informatics	65	Few	Few
	System Informatics			
Interdisciplinary Informatics	—	25	Few	Few

**If the number of students is filled in the first screening, a second round of intake will not be held.**

Please check with the Admissions Office or the University's website before applying to see if a second screening will be held. Please select your desired admission term (April 2023 Admission or September, October 2022 Admission) at the time of application. However, students who expect to complete (expect to receive) a degree in the spring of 2023 can only choose to enroll in the April 2023 Admission.

## [2] Applicant Qualifications

### 《April 2023 Admission》

Non-Japanese nationals who have or are expected to obtain by the time of enrollment a valid “Student” visa as defined by the Immigration Control and Refugee Recognition Act and meet one of the following criteria.

- (1) Those who have completed 16 years of school education in foreign countries and those who are expected to complete their studies by March 31, 2023.
- (2) 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 March 31, 2023.
- (3) 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>(\*)</sup>. This also includes those who are expected to complete their studies by March 31, 2023.

<sup>(\*)</sup> This applies only to those who have completed 16 years of course work as part of school education in the relevant foreign country.

- (4) 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>(\*\*)</sup> and those who are expected to be awarded the degree by March 31, 2023.

<sup>(\*\*)</sup> The comprehensive situation regarding educational research activities shall be limited to those who have been evaluated by the foreign government or 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.

- (5) Those who are recognized by the Graduate School of Informatics as having graduated from a university through the qualification examination and those who have an academic ability equal to or beyond that of a university graduate and are also 22 years of age by March 31, 2023.
- (6) Those who are recognized by the Graduate School of Informatics as having graduated from a university through the qualification examination and those who have an academic ability equal to or beyond that of a university graduate.

### 《September, October 2022 Admission》

The same conditions above, but the date “March 31, 2023” should be replaced with “September 30, 2022”.

### [Notes]

Applicants who apply under Items (5) or (6) must undergo examinations specified in Section 3 of the “Qualification Screening of Applicants”.

Applicants who do not have or will not obtain a “Student” visa, please contact the Admissions Office at least two weeks prior to the start of the online application registration period.

### [3] Qualification Screening of Applicants

Applicants who apply under Criteria (5) or (6) should prepare the following documents.

**Before submitting the documents, please consult with the faculty members you would like to be supervised by.**

	April 2023 Admission (First screening) September, October 2022 Admission	April 2023 Admission (Second screening)									
	May 23, 2022 – May 25, 2022 【Deadline May 25, 2022】	November 14, 2022 – November 16, 2022 【Deadline November 16, 2022】									
Application schedule	Please send by registered mail and before the deadline. Submissions may be made in person to the Admissions Office, 3rd floor, Block A3, Nakamozu Campus, within the application period indicated above only between the hours of 10 a.m. to 5 p.m. Even when dropping off forms in person, please use an envelope and ensure it is sealed.										
Submission address	Osaka Metropolitan University, Admissions Office (Nakamozu Campus) 1-1, Gakuen-cho, Naka-ku, Sakai, Osaka, 599-8531, Japan  Mailed documents must bear the following on the envelope in red ink: “Documents to apply for the qualification screening for admission into the Graduate School of Informatics.”										
Documents to be submitted	<table border="1"> <tbody> <tr> <td>1</td> <td>Application Qualification Screening Record</td> <td>Use the form specified by the Graduate School of Informatics.</td> </tr> <tr> <td>2</td> <td>Report of Academic Standing</td> <td>Use the form specified by the Graduate School of Informatics. in about 2,000 Japanese characters or 1,000 English words.  Note: However, if a student is enrolled in a university which has entered into an exchange relationship with this university and is submitting an application to earn a joint degree based on this agreement, the student is not required to submit such documents.</td> </tr> <tr> <td>3</td> <td>Copy of residence card</td> <td>Please submit photocopies of both sides of the residence card. Overseas residents must submit a photocopy of their passport (page with face photo).</td> </tr> </tbody> </table>		1	Application Qualification Screening Record	Use the form specified by the Graduate School of Informatics.	2	Report of Academic Standing	Use the form specified by the Graduate School of Informatics. in about 2,000 Japanese characters or 1,000 English words.  Note: However, if a student is enrolled in a university which has entered into an exchange relationship with this university and is submitting an application to earn a joint degree based on this agreement, the student is not required to submit such documents.	3	Copy of residence card	Please submit photocopies of both sides of the residence card. Overseas residents must submit a photocopy of their passport (page with face photo).
1	Application Qualification Screening Record	Use the form specified by the Graduate School of Informatics.									
2	Report of Academic Standing	Use the form specified by the Graduate School of Informatics. in about 2,000 Japanese characters or 1,000 English words.  Note: However, if a student is enrolled in a university which has entered into an exchange relationship with this university and is submitting an application to earn a joint degree based on this agreement, the student is not required to submit such documents.									
3	Copy of residence card	Please submit photocopies of both sides of the residence card. Overseas residents must submit a photocopy of their passport (page with face photo).									
	Scheduled to be mailed on June 3, 2022	Scheduled to be mailed on November 25, 2022									
The results of the qualification screening	Results will be provided in writing and mailed by simplified-registration mail addressed to the applicant. We will send the Applicant's Qualification Certificate to the qualified applicant. If you are applying from abroad, please contact either the Admissions Office or the faculty member you would like to be supervised by to receive the evaluation results.										

#### 【Notes】

If the number of students is filled in the first screening, a second round of intake will not be held.

Please check with the Admissions Office or the University's website before applying to see if a second screening will be held.

The form specified by the Graduate School of Informatics can be downloaded from the university website.

[【https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam\\_info/graduate/gs\\_info.html】](https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/graduate/gs_info.html)

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

### [4] Application Procedures

The application procedure will be conducted via the internet.

**Before submitting the documents, please consult with the faculty members you would like to be supervised by.**

Applicants from outside Japan (overseas) will be provided with separate information on application procedures and should contact the Admissions Office ([gr-nyu-informatics@omu.ac.jp](mailto:gr-nyu-informatics@omu.ac.jp)) by the following date, with your name.

April 2023 Admission (First screening) September, October 2022 Admission	April 2023 Admission (Second screening)
By May 20, 2022	By November 18, 2022

## 1. Application Period

	April 2023 Admission (First screening) September, October 2022 Admission	April 2023 Admission (Second screening)
Online application schedule	June 3, 2022 10:00 – June 15, 2022 17:00	December 2, 2022 10:00 – December 14, 2022 17:00
Application period	June 13, 2022 – June 15, 2022 【Postmarked by June 15, 2022*】	December 12, 2022 – December 14, 2022 【Postmarked by December 14, 2022*】
	Please send by registered mail and before the deadline. * For application documents sent from overseas by EMS, the date of arrival in a post office in Japan will be used as the standard date. Submissions may be made in person to the Admissions Office, 3rd floor, Block A3, Nakamozu Campus, within the application period indicated above only between the hours of 10 a.m. to 5 p.m. Even when dropping off forms in person, please use an envelope and ensure it is sealed.	

### 【Notes】

**If the number of students is filled in the first screening, a second round of intake will not be held.**

Please check with the Admissions Office or the University's website before applying to see if a second screening will be held.

## 2. Method of Application

Please follow Steps 1 – 6 below to submit your application.

● Advance Preparations	
Step1	PC or other Operating Environment • Applications can be registered from a PC, smartphone, or other device connected to the internet.
	Printing Requirements • Print the documents that need to be mailed on A4 paper.
	Email Settings • A notification email will be sent when you register your application. Ensure that you have added @sak-sak.net to your safelist as an authorized sender so that you can receive emails from this domain.
	Documents Necessary for Application • Please refer to [4] Application Procedures 4. Application Documents and prepare them, so they may be submitted on time.
	Envelopes • Please prepare two types of envelopes: ① A commercially available rectangle-type No. 2 (24.0cm×33.2cm) for mailing application documents. ② A commercially available long-form No. 3 (12.0cm×23.5cm) with stamps worth 404 yen attached for sending the Entrance Examination Card.



● Accessing the Online Application Site	
Step2	• You can find the Online Application Site on the university website during the application registration period. 【University Website】 <a href="https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/inet-apply.html">https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/inet-apply.html</a>



● Application Registration	
Step3	• Please read the “User's Guide,” “Application Procedures,” and “Q&A” on the Internet Application Site before you register your application. • Please verify all your entered information on the final confirmation screen, as you cannot change the input information after the application registration is completed.

▼

<b>Step4</b>	● Payment of Examination Fee			
	<ul style="list-style-type: none"> <li>• Please pay the examination fee (30,000 yen) by any of methods (1)–(4), as per the instructions on the online application site. (Refer to [4] Application Procedures 3. Examination Fee Payment Method)</li> <li>• In addition to the examination fee, a handling fee (990 yen) is required.</li> </ul>			
	(1)	(2)	(3)	(4)
	Credit card	Convenience stores	ATM (Pay-Easy)	Net banking

▼

<b>Step5</b>	● Printing the Application Confirmation Slip and Address Label			
	<ul style="list-style-type: none"> <li>• Please print it single-sided on A4-size white sheets of paper.</li> <li>• Please complete printing within the registration period for the online application. You will not be able to print the application confirmation slip and address label after the registration period.</li> </ul>			

▼

<b>Step6</b>	● Sending the Required Documents			
	<ul style="list-style-type: none"> <li>• Please send the application documents by registered mail. (See [4] Application Procedures 4. Application Documents)</li> <li>• If the required documents do not arrive before the deadline, and your application will not be accepted, please take postage into account and send your application well in advance. (See [4] Application Procedures 1. Application Period)</li> </ul>			

### 3. Examination Fee Payment Method

The fees required for application registration are as follows.

- Admission certification fee ¥30,000
- Handling fee ¥990

Payment may be made through any of the following payment methods available. For detailed information on payment methods, please check the screen for the payment method selected on the “Select Payment Method” page of the online application site.

Payment Method	Handling Agency
(1) Credit card	VISA, MasterCard, JCB, AMERICAN EXPRESS, Diners Club Note: Only lump-sum payments are accepted.
(2) Convenience stores	7-Eleven, Lawson, Ministop, FamilyMart, Daily Yamazaki, Yamazaki Daily Store, Seicomart Note: Only cash payments are accepted.
(3) ATM (Pay-Easy)	You can pay at ATMs in financial institutions that have the Pay-easy mark.
(4) Net banking	You can use the banking services of more than 1,000 banks across Japan, including major megabanks that support Pay-easy. ※To avail yourself of this method, you need to have signed up for net banking.

### 4. Application Documents

**Before submitting the documents, please consult with the faculty members you would like to be supervised by.**

After registering your application and paying the examination fee, please submit all the following documents within the submission period.

Ensure that you use a commercially available rectangle-type No.2 envelope (24cm x 33.2cm) with the following address label attached.

Applicants who underwent Qualification Screening may omit documents that are duplicates of those used in the screening. The form specified by the Graduate School of Informatics can be downloaded from the university website.

[【https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam\\_info/graduate/gs\\_info.html】](https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/graduate/gs_info.html)



Application Documents		Preparation
1	Application Confirmation Form (submission to the university)	<ul style="list-style-type: none"> <li>After registering your online application and paying the examination fee, please print the application form on A4-sized paper from the online application site.</li> </ul>
2	Application for Admission	<ul style="list-style-type: none"> <li>Use the form specified by the Graduate School of Informatics.</li> <li>Paste a photo (4 cm × 3 cm) taken within the past 3 months.</li> </ul>
3	Entrance Examination Card	<ul style="list-style-type: none"> <li>Use the form specified by the Graduate School of Informatics.</li> </ul>
4	Photo Card	<ul style="list-style-type: none"> <li>Use the form specified by the Graduate School of Informatics.</li> <li>Paste a photo (4 cm × 3 cm) taken within the past 3 months.</li> </ul>
5	Certificate of graduation (completion) or Prospective certificate of graduation (documents certifying eligibility for application)	<ul style="list-style-type: none"> <li>Certificate issued by the president of the applicant's previous university stating that the applicant has received (or expects to receive) the degree.</li> <li>In case Graduation Certificates and Proof of Degree Certificates were issued separately, please submit both (original copies).</li> <li>Applicants who have qualified under [3] Qualification Screening of Applicants must submit the Application Eligibility Certificate.</li> </ul>
6	Academic Transcript	<ul style="list-style-type: none"> <li>A transcript issued by the president of the applicant's previous university stating the number of credits and the grades of courses taken.</li> <li>Transfer students must also submit transcripts of grades from the educational institution they attended before transferring.</li> </ul>
7	Résumé	<ul style="list-style-type: none"> <li>Use the form specified by the Graduate School of Informatics.</li> <li>Not required for applicants who underwent Qualification Screening.</li> </ul>
8	Research Plan	<ul style="list-style-type: none"> <li>Use the form specified by the Graduate School of Informatics.</li> <li>Please describe what you have learned about research areas that you wish to pursue, as well as the research contents you plan to implement after admission.</li> </ul>
9	<b>【Second screening】</b> Graduate Thesis related to your desired field (Including theses to be submitted) or Equivalent Academic Paper	<ul style="list-style-type: none"> <li>For the Graduation Thesis related to your desired area of study or its outline (or equivalent academic paper or its outline).</li> <li>The thesis or the abstract should have a title and author name written clearly.</li> <li>Please submit 1 copy for the Department of Core Informatics and 2 copies for the Department of Interdisciplinary Informatics (photocopies are acceptable).</li> <li>If you cannot submit the materials at the time of application, please submit a statement of reasons (free format) along with the application documents. You may submit at a later date by it must arrive no later than Friday, January 27, 2023. Submitted graduation theses will not be returned.</li> </ul>
10	Envelopes for sending Entrance Examination Card	<ul style="list-style-type: none"> <li>Please write your name, address, and postal code on a commercial long-form No.3 envelope (12cm×23.5cm) and attach a stamp worth 404 yen.</li> <li>※ Please add “sama (様)” after your name.</li> <li>Note: Even if the application documents have been submitted directly to the Admissions Office, including the envelope for sending the Entrance Examination Card.</li> </ul>
11	Address Label	<ul style="list-style-type: none"> <li>After registering your online application and paying the examination fee, please print it on a piece of A4 paper from the online application site and paste it on the commercial rectangular No.2 envelope (24cm×33.2cm).</li> </ul>
12	Copy of residence card	<ul style="list-style-type: none"> <li>Please submit photocopies of both sides of the residence card.</li> <li>Overseas residents must submit a photocopy of their passport (page with face photo).</li> </ul>

13	<p>TOEIC Listening &amp; Reading OFFICIAL SCORE CERTIFICATE, TOEFL (iBT) Test Taker Score Report or IELTS (Academic Module) Test Report Form</p>	<p>《A valid score certificates》 Please submit the original. The original copy of the submitted score certificate will not be returned.</p> <ul style="list-style-type: none"> <li>▶ TOEIC Listening &amp; Reading OFFICIAL SCORE CERTIFICATE of TOEIC Listening &amp; Reading test</li> <li>▶ TOEFL Test Taker Score Report of TOEFL-iBT test (test taker’s copy of the score report) <ul style="list-style-type: none"> <li>※Only the Test Date Score is used as the application score (the MyBest™ score will not be used).</li> <li>※We do not accept the TOEFL-iBT Special Home Edition and TOEFL-iBT Home Edition score certificates.</li> </ul> </li> <li>▶ IELTS Test Report Form of IELTS (Academic Module) test</li> </ul> <ul style="list-style-type: none"> <li>• Score sheets that have been downloaded (printed) from the website are not acceptable.</li> <li>• Score certificates issued under special group examination are not acceptable.</li> <li>• Score certificates from tests taken at home or other places are not acceptable.</li> <li>• Score certificates sent directly from ETS to the university are not acceptable.</li> </ul> <p>《How to submit》 “<u>At the time of application</u>” or “<u>On the day of the examination</u>”</p> <p>If you cannot submit the score “at the time of application,” please submit the “Application form for late submission of score certificate” (in the format provided by the Graduate School). Then, submit the score certificate to the exam supervisor “on the day of the examination (before the first exam starts).”</p> <p>《Replacing your score certificate》 Even if you submitted your score sheet “at the time of application,” we allow for you to re-submit (replace) it if you have a score certificate with a better score with you on the day of the examination. If this is the case, submit this to the exam supervisor. When replacing your score certificate, the old one submitted at the time of application will not be returned.</p> <p>《Score validity period》</p> <ul style="list-style-type: none"> <li>▶ April 2023 Admission (First screening) / September, October 2022 Admission Tests taken on or after October 1, 2020</li> <li>▶ April 2023 Admission (Second screening) Tests taken on or after April 1, 2021</li> </ul> <p>【Note】 You can still take the examination even if you cannot submit a score certificate, but you will receive a grade of zero for English, which is based on the results of an externally administered exam.</p>
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【Notes】

- Original copies of the above certificates are required for application. Copies will not be accepted.
- If your name is different from the name on the graduation certificate from your university, please submit a document certifying that fact (official family register, etc.).
- No changes in the information will be accepted after the application procedure.
- Submission of documents in languages other than Japanese or English must be accompanied by translations into either English or Japanese.

**5. Notes for Applications**

- (1) Please complete all the procedures within [4] Application Procedures: 1. Application period: registering applications, payment of examination fees, and mailing of application documents (by registered mail or brought in manually within the submission period).  
Please note that the application procedure is not completed merely by online registration and paying the examination fee.

(2) Input of Applicant Information

Please enter an address where you can receive mail when sending the Entrance Examination Card. If your address has changed since the announcement of successful applicants, please contact the Admissions Office

(E-mail : [gr-nyu-informatics@omu.ac.jp](mailto:gr-nyu-informatics@omu.ac.jp)) or submit a change of residence notification to the post office.

(3) You cannot change the details in the application once registration has been completed. If you notice a mistake before paying the examination fee, please do not pay the fee, and begin registration again from the beginning. Additionally, you are not permitted to cancel an application once it has been accepted.

(4) The “Application Receipt Number” listed on the application confirmation slip is not the examination number.

(5) We cannot accept incomplete Applications for Admission. When registering the application, please ensure you include a contact number and email address where you can be reached, as we may contact you if the application is incomplete.

(6) Once paid, the examination fee shall not be refunded except for the following reasons.

o Grounds for refund:

- If you paid the examination fee but did not apply,
- If the application documents are incomplete or otherwise unacceptable,
- In case of duplicate payment of examination fee.

Please contact the Admissions Office within one month of the application deadline for information on obtaining a refund.

**6. Sending the Entrance Examination Card**

Applicants who have completed the application process will be sent an “Entrance Examination Card” and “Examination Notes” by registered mail.

If you do not receive your Entrance Examination Card after one week passes from the following scheduled mailing date, please contact the Admissions Office. (E-mail : [gr-nyu-informatics@omu.ac.jp](mailto:gr-nyu-informatics@omu.ac.jp))

April 2023 Admission (First screening) September, October 2022 Admission	April 2023 Admission (Second screening)
Scheduled to be mailed on June 24, 2022	Scheduled to be mailed on December 23, 2022

**7. Considerations for Examination**


Persons with disabilities or in another situation that requires consideration for the examination, please contact the Admissions Office as soon as possible before submitting your application. (E-mail : [gr-nyu-ask3@omu.ac.jp](mailto:gr-nyu-ask3@omu.ac.jp))

**[5] Applicant Selection Method**

Applicants will be subject to comprehensive evaluation based on the written examination (including the results of the external examination for English), oral examination, and application documents.

English proficiency is assessed by the results of an externally administered exam.

You can still take the examination even if you cannot submit a score certificate, but you will receive a grade of zero for English.

April 2023 Admission (First screening, Second screening) September, October 2022 Admission		
Written examinations and Oral examination		
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.		
<b>【Announcement of applicants exempted from the written examination】</b>		
ID numbers of applicants exempted from the written examinations will be listed on the website of Osaka Metropolitan University. (In Japanese only)		
Please note that the university will not respond to any inquiries regarding the results by telephone or other means.		
	April 2023 Admission (First screening) September, October 2022 Admission	April 2023 Admission (Second screening)
Time	June 27, 2022 10:00 – July 3, 2022 17:00	December 26, 2022 10:00 – January 1, 2023 17:00
Location of announcement	<a href="https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/pass.html">https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/pass.html</a>	
		

◆ **Examination schedule**

Department	Courses	Category	Examination Date	Examination Time	Examination subjects
Core Informatics	Intelligent Informatics System Informatics	—	—	—	English
					External examination
			August 24, 2022	09:30 - 12:00	Specialized Subject
					Fundamentals of Core Informatics
			August 25, 2022	13:30 - 15:00	Basic Subject
					Mathematics
August 25, 2022	09:30 -	Oral Examination			
Interdisciplinary Informatics	—	A	—	—	English
					External examination
			August 24, 2022	09:30 - 11:30	Specialized Subject
					Knowledge and Information System
			August 24, 2022	13:30 -	Basic Subject
					Mathematics
		August 24, 2022	13:30 -	Oral Examination	
		B	—	—	English
					External examination
			August 24, 2022	09:30 - 11:00	Specialized Subject
					Production System Science
			August 24, 2022	13:30 -	Oral Examination
—					

(Spare Dates)

Core Informatics : August 26, 2022 / Interdisciplinary Informatics : August 25, 2022

Due to unexpected circumstances such as natural disasters, the above examination is postponed on the day that is designated.

◆ **Examination Subjects**

See P.12 【Examination Subjects】

◆ **Examination locations**

Osaka Metropolitan University, Nakamozu Campus


The location of examination rooms will be posted at the Shirasagi Gate and Nakamozu Gate of Nakamozu Campus from 13:00 the day before the examination.

◆ **Announcement of Examination Results**

The successful applicant ID numbers will be listed on the website of Osaka Metropolitan University. (In Japanese only)

The results will also be forwarded to the successful applicants.

Please note that the university will not respond to any inquiries regarding the results by telephone or other means.

Time	Location of announcement
September 5, 2022 10:00 – September 11, 2022 17:00	<a href="https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/pass.html">https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/pass.html</a> 

◆ Examination schedule

Department	Courses	Category	Examination Date	Examination Time	Examination subjects
Core Informatics	Intelligent Informatics System Informatics	—	—	—	English
					External examination
			February 13, 2023	09:30 - 12:00	Specialized Subject
					Fundamentals of Core Informatics
			February 14, 2023	13:30 - 15:00	Basic Subject
					Mathematics
February 14, 2023	09:30 -	Oral Examination			
Interdisciplinary Informatics	—	A	—	—	English
					External examination
			February 13, 2023	09:30 - 11:00	Specialized Subject
					Knowledge and Information System
			February 13, 2023	11:30 - 12:30	Basic Subject
					Mathematics
		February 13, 2023	13:40 -	Oral Examination	
		B	—	—	English
					External examination
			February 13, 2023	09:30 - 11:00	Specialized Subject
					Production System Science
			February 13, 2023	13:40 -	Oral Examination
—	—		—		

(Spare Dates)

Core Informatics : February 15, 2023 / Interdisciplinary Informatics : February 14, 2023

Due to unexpected circumstances such as natural disasters, the above examination is postponed on the day that is designated.

◆ Examination Subjects

See P.12 【Examination Subjects】

◆ Examination locations

Osaka Metropolitan University, Nakamozu Campus

The location of examination rooms will be posted at the Shirasagi Gate and Nakamozu Gate of Nakamozu Campus from 13:00 the day before the examination.

◆ Announcement of Examination Results

The successful applicant ID numbers will be listed on the website of Osaka Metropolitan University. (In Japanese only)

The results will also be forwarded to the successful applicants.

Please note that the university will not respond to any inquiries regarding the results by telephone or other means.

Time	Location of announcement
February 28, 2023 10:00 – March 6, 2023 17:00	<a href="https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/pass.html">https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/pass.html</a> 

## 【Examination Subjects】

April 2023 Admission (First screening, Second screening) September, October 2022 Admission				
Department	Courses	Category	Examination Subjects	Scope of the exam
Core Informatics	Intelligent Informatics System Informatics	—	Specialized Subject Fundamentals of Core Informatics	Compulsory Subjects (Three Subjects)
				▶ Algorithms ▶ Software ▶ Logic Circuits
			Basic Subject Mathematics	Elective Subjects (Elect One Subject)
				▶ Computer Architecture ▶ Communications and Networking
Oral Examination	Applicants will be asked about their Research Plan.			
Interdisciplinary Informatics	—	A	Specialized Subject Knowledge and Information System	▶ Computer Architecture ▶ Information Networks ▶ Information Systems Engineering
			Basic Subject Mathematics	▶ Linear Algebra ▶ Statistics
			Oral Examination	Applicants will be asked about their Research Plan.
		B	Specialized Subject Production System Science	▶ Machine Production Science ▶ Optimization Methods ▶ Production Management ▶ Operations Research
			Oral Examination	Applicants will be asked about their Research Plan.

## 〔6〕 Enrollment Procedures

### 1. Date of Enrollment

April 2023 Admission	September, October 2022 Admission
April 1, 2023	September 24, 2022 Note: Date of enrollment of those who meet application qualification during September 24, 2022 to September 30, 2022 will be October 1, 2022.

### 2. Enrollment Procedures

April 2023 Admission		September, October 2022 Admission
First screening	Second screening	
October 3, 2022 – October 7, 2022 【Deadline October 7, 2022】 If the documents arrive after Friday, October 7, they must be postmarked by Wednesday, October 5 *	March 1, 2023 – March 15, 2023 【Deadline March 15, 2023】 If the documents arrive after Wednesday, March 15, they must be postmarked by Monday, March 13 *	September 5, 2022 – September 16, 2022 【Deadline September 16, 2022】 If the documents arrive after Friday, September 16, they must be postmarked by Wednesday, September 14 *

The application must arrive by mail within this period.

Submissions may be made in person to the Admissions Office, 3rd floor, Block A3, Nakamoju Campus, within the application period indicated above (except Saturdays and Sundays) only between the hours of 10 a.m. to 5 p.m.

Successful applicants will be notified of the details of the procedure.

Applicants who do not complete the Enrollment Procedures will be treated as having declined admission.

\* Only in the case of simplified-registration express mail postmarked at a post office in Japan. For application documents sent from overseas by EMS, the date of arrival in a post office in Japan will be used as the standard date.

## [7] Tuition (Enrollment Fees and Tuition)

The current fee schedule is as follows but is subject to change.

### 1. Enrollment fees

Osaka residents and their children: 282,000 yen      Others: 382,000 yen

- The enrollment fee must be paid by the time of the Enrollment Procedures using the designated bank transfer form.
- Payment of the enrollment fee is not sufficient to complete the Enrollment Procedures, and the enrollment fee must be paid before the Enrollment Procedures can be completed.
- The enrollment fee is not refundable after the Enrollment Procedures are complete.
- The university does not allow for deferrals of the entrance fee payment.

“Osaka residents and their children” shall apply to the following persons who have completed the prescribed procedures and have been approved.

April 2023 Admission	Either the applicant or his/her parents who appear on the same family registry as the applicant must present a certificate of residence in Osaka Prefecture for at least one year prior to the date of admission (on or before April 1, 2022). The same requirement applies to applicants who do not have Japanese citizenship.
September, October 2022 Admission	Either the applicant or his/her parents who appear on the same family registry as the applicant must present a certificate of residence in Osaka Prefecture for at least one year prior to the date of admission (on or before September 24, 2021). The same requirement applies to applicants who do not have Japanese citizenship. Those who qualify for admission between September 24 and September 30, 2022, must have a certificate of residence in Osaka Prefecture continuously starting from a date that is before October 1, 2021. The same requirement applies to those who do not have Japanese citizenship.

### 2. Tuition fee

[Annual amount] 535,800 yen

- Tuition is to be paid semi-annually in the amount equivalent to half of the annual tuition fee by direct debit from the bank account you register.
- The tuition fee will be debited from your bank account on May 27 for the first semester and October 27 for the second semester. If the debit date falls on a holiday of a financial institution, the debit date will be the next business day.
- For students who have applied for tuition reduction and exemption or are long-term study students, the amount of tuition fee and the date of withdrawal for the relevant year may differ from the above.

## [8] 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 degree 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.

- a) Applicants who have a job and anticipate difficulties in completing their studies within the standard term.
- b) Applicants who anticipate difficulties in completing their studies within the standard term owing to children, caregiving, or other responsibilities.
- c) Applicants with other circumstances beyond their control who anticipate difficulties in completing their studies within the standard term.

**(3) Term of study**

The duration of long-term study is 3 or 4 years.

If the reason for the extension is no longer valid, the student may shorten their study period by submitting the “Application for Shortening the Period of Long-Term Study.”

**(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**

The deadline for pre-admission applicants is when you submit your application for admission. Please consult with the faculty member you wish to be supervised by before submitting the application. Although submission after admission is permitted, the period of long-term study is defined by one-year units and cannot start in the middle of the academic year. The deadline for applying for the long-term study after admission is the last day of January of the year prior to the year in which you wish to enroll and after consultation with your academic advisor. Permission for long-term enrollment will be granted by the President of the Graduate School after meeting with the Graduate School Planning and Management Council.

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

Students will be notified of their long-term study approval after the decision is made.

**(7) Request for documents and inquiries about long-term study should be directed to:**

Osaka Metropolitan University Education Affairs Division (Nakamozu Campus)  
Academic Affairs Section, Graduate School of Informatics (E-mail : [gr-kyik-i@omu.ac.jp](mailto:gr-kyik-i@omu.ac.jp))

**[9] Others**

**1. Handling for the Protection of Personal Information**

- (1) The names, addresses, and other personal information submitted at the time of application will be used solely to conduct the admission process, prepare for admission, prepare statistical materials, and provide information on individual results. However, we may use applicants' examination results in connection with the educational purposes and student life at this university.
- (2) In the event that the university outsources the computerized processing of personal information to a third party in order to carry out the operations of the university, a contract will be made with the third party stating that information will be protected and handled in accordance with the Act on the Protection of Personal Information and the Osaka Prefecture Personal Information Protection Ordinance.

**2. Providing Information on Individual Results**

Information on individual results will be provided as follows.

**(1) Period**

April 2023 Admission		September, October 2022 Admission
First screening	Second screening	
November 1, 2022 10:00 – November 30, 2022 15:00	May 9, 2023 10:00 – June 9, 2023 15:00	November 1, 2022 10:00 – November 30, 2022 15:00

**(2) Eligible Persons**

Only the examinees themselves.



### **(3) Method of Request**

Access the following URL and follow the on-screen instructions to enter the required information.

[https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam\\_info/score.html](https://www.upc-osaka.ac.jp/new-univ/admissions/g/exam_info/score.html)

- A. If you wish to receive information on your individual result, please make sure to register your four-digit score disclosure PIN at the time of application. This can only be created during application registration. The PIN will be printed on the application confirmation slip (your copy), but please handle it with care.
- B. For the password for result disclosure, please enter your score disclosure PIN registered at the time of application, followed by your examination number.  
For example, if your score disclosure PIN registered during application is “1230,” and your examination number is “987654,” the password will be “1230987654.”
- C. You will need to enter your date of birth for identification.

3. In the event that the entrance examination cannot be conducted as planned due to a natural disaster, etc., an “Emergency Notice” will be published on the university's website, so be sure to check it.

<https://www.upc-osaka.ac.jp/new-univ/admissions/g/news/>

4. If an applicant is found to have made a false statement in the Application for Admission or has committed unfair practices during the examination, the university may revoke their acceptance even after the applicant has been admitted.

5. The second semester starts from September 24, and the classes are open for those admitted in October 1.

6. OMU (Osaka Metropolitan University) stipulates the regulations for security export control in accordance with the Foreign Exchange and Foreign Trade Act, and strictly reviews all items and technologies to be exported from the university. If you have conflict of interest with any regulations set by OMU, you may not be eligible for education and research of OMU.

## **[10] Inquiries**

Osaka Metropolitan University

Admissions Office (Nakamozu Campus)

1-1, Gakuen-cho, Naka-ku, Sakai, Osaka, 599-8531, Japan

E-mail: [gr-nyu-informatics@omu.ac.jp](mailto:gr-nyu-informatics@omu.ac.jp)

# Outline of the Graduate School of Informatics

(Master's Degree Program)

## ◆Department of Core Informatics

To nurture professionals in informatics with knowledge and skills in a discipline that repeatedly evolves and develops through paradigm shifts, and who will pursue education and research on the unchanging truths and methods that underlie the field even if values change and diversify with the changing times.

### **[Intelligent Informatics]**

In the Course of Intelligent Informatics, we train students to have the knowledge and skills to realize human intellectual abilities such as recognition, understanding, inference, and learning on computers through problem solving in the academic fields of signal processing, intelligent systems, media processing, machine learning, and data science.

Title	Name	Education and Research Fields	Campus
Professor	HONDA Katsuhiko	Data Analysis, Cluster Analysis, Knowledge Discovery	Nakamozu
Professor	KISE Koichi	Intelligent Media Processing, Document Information Processing, Document Image Analysis, Object Recognition, Activity Recognition, Learning Assistance	
Professor	MORI Naoki	Machine Learning, Kansei Engineering, Software Engineering, Evolutionary Computation	
Professor	NOJIMA Yusuke	Evolutionary Computation, Knowledge Extraction, Multiobjective Optimization	
Professor	UNO Yushi	Discrete Structures and Algorithms, Combinatorial Optimization, Computational Complexity, Data Structures, Network Analysis, System Modeling	
Professor	YOSHIOKA Michifumi	Intelligent Signal Processing, Image Processing, Pattern Detection	
Associate Professor	HAYASHI Toshiharu	Data Analysis and Data Assimilation, especially Reliability Engineering, Mathematical Finance and Statistical Inference for Stochastic Processes.	
Associate Professor	HOHJO Hitoshi	Reliability Engineering, Game Theory, Operations Research, Stochastic Model, Decision-making	
Associate Professor	INOUE Katsufumi	Image Sensing, Pattern Recognition, Machine Learning, Action Recognition, Gesture Recognition	
Associate Professor	IWAMURA Masakazu	Intelligent Media Processing, Character and Object Recognition, Document Image Retrieval, Deep Learning, Visually Impaired Assistance	
Associate Professor	IWATA Motoi	Intelligent Media Processing, Information Security, Digital Watermark, Steganography, Activity Recognition, Learning Assistance	
Associate Professor	UBUKATA Seiki	Data Analysis, Soft Computing, Rough Set Theory, Knowledge Discovery	
Lecturer	UTSUMI Yuzuko	Intelligent Media Processing, Pattern Recognition, Plant Image Processing	
Assistant Professor	MASUYAMA Naoki	Continual Learning, Clustering, Knowledge Extraction, Unsupervised Learning	
Assistant Professor	OKADA Makoto	Natural Language Processing, Knowledge Management	

(As of April 1, 2022)

## 【System Informatics】

In the Course of Systems Informatics we train students to have the knowledge and skills to grasp things as a system and build a model to find optimal solutions for the system as a whole, through experience of problem solving in the academic fields of parallel processing, measurement and control, information networking, security and signal processing.

Title	Name	Education and Research Fields	Campus
Professor	ATA Shingo	Network Architecture, Traffic Analysis, Network Operation and Management, Network Programmability	Sugimoto
Professor	CAI Kai	Systems Control, Discrete-Event Systems, Cyber-Physical Systems, Cybersecurity, Multi-Agent Systems, Networked Robotics, Deep Reinforcement Learning, Distributed Algorithms	Sugimoto
Professor	FUJIMOTO Noriyuki	High Performance Computing, GPU Computing, Discrete Optimization, Grid Computing	Nakamozu
Professor	NAKANO Tadashi	Information Networks, Molecular Communication, Bio-inspired Networks, Social Networks, Life Science	Sugimoto
Professor	OHNO Shuichi	Digital Communication, Signal Processing, Data Analysis, Machine Learning	Sugimoto
Professor	TODE Hideki	Intelligent Networking, Network Quality Control, Content Distribution Control, Broadband Network, Secure Networking	Nakamozu
Associate Professor	FUJIMOTO Manato	Ubiquitous Computing, Internet of Things (IoT), Wireless Communications, Sensing, Elderly Monitoring	Sugimoto
Associate Professor	NAKAJIMA Shigeyoshi	AI, AL, Image Processing, Moving Image Processing, Signal Processing, Medical Data Processing	Sugimoto
Associate Professor	TANIGAWA Yosuke	Intelligent Networking, Wireless Network Quality Control, Wireless Media Access Control	Nakamozu
Lecturer	KATSUMA Ryo	Sensing, Ad-hoc Network, Mobile Computing	Nakamozu
Lecturer	TRAN Thi Hong	Blockchain, Distributed Application (Dapp), Cryptographic Hash Function, FPGA, Embedded Hardware Accelerator	Sugimoto
Lecturer	UENO Atsushi	Artificial Intelligence, Reinforcement Learning, Natural Language Processing	Sugimoto
Assistant Professor	KONDO Daishi	Network Security, Privacy, Information Centric Networking	Nakamozu

(As of April 1, 2022)

## ◆Department of Interdisciplinary Informatics

The purpose of this course is to develop design and management skills of information systems that organize a wide variety of information and knowledge to solve various issues in modern society, in which a sense of values are changing and diversified. This course cultivates systematic knowledge and skills of interdisciplinary application ability that triggers a new paradigm shift through informatics in a variety of fields.

### 《Category A》

Title	Name	Education and Research Fields	Campus
Professor	ABE Kota	Distributed Systems and System Software	Sugimoto
Professor	ARAKI Nagateru*	Marketing research on contents such as movies and characters using market data. Research on market creation using contents.	Nakamozu
Professor	ISHIBASHI Hayato	Architectures, Operations and Management of Information Networks and other Information Infrastructures	Sugimoto
Professor	IZUMI Masao	Human activity detection from video, Education / Learning support system with Image processing, Various systems using video processing	Nakamozu
Professor	MAJIMA Yukie	The integration of health-care sciences, computer science, information science, cognitive science, and human science to assist in the management of healthcare information.	Nakamozu
Professor	MIYAMOTO Takao	Information Security, Information Network, Information Systems Engineering, Research on Systems Design, Systems Development and Systems Operation Management	Nakamozu
Professor	MORITA Hiroyuki	Application of data-mining techniques for practical business data.	Nakamozu
Professor	MURAKAMI Harumi	Information Retrieval, Artificial Intelligence, User Interface, Text Mining, Web Intelligence, Lifelog, Library and Information Science	Sugimoto
Professor	NAKASHIMA Tomoharu	Data analysis, Fuzzy systems, Learning analytics, Game AI, Smart monitoring, Computational intelligence	Nakamozu
Professor	OHTA Masaya	OFDM Communication Systems, FPGA Applications, Neural Networks, Augmented Reality, Web Technology, Mobile Apps	Nakamozu
Professor	SETA Kazuhisa	Human Centric AI, Knowledge Modeling and its Methodology, Ontological Engineering, Intelligent Tutoring Systems, Human Computer Interaction	Nakamozu
Professor	SUGANO Masashi	New architecture of information network and application, Autonomous distributed network, Smart grid, Sensor network	Nakamozu
Professor	WATANABE Shinji	Analysis, evaluation, and policy recommendation of the influence of information technology on economic and management systems.	Nakamozu
Associate Professor	AOKI Shigeki	Development, Management and Analysis of Information Systems, Information Security, Pattern Recognition	Nakamozu
Associate Professor	HAYASHI Yuki	Learning Support System, Multiparty Multimodal Interaction, Intelligent User Interface	Nakamozu
Associate Professor	KOJIMA Atsuhiko	Development of Learning Management System (LMS) and applications that support learning activities, Teaching methods of information-related education	Nakamozu
Associate Professor	MASUDA Seiko	Research on the application of ICT to the health care field, Research on the visualization of regional information, data health, Research on the development of information utilization skills of nurses	Nakamozu
Associate Professor	NAGATA Yoshikatsu	Integrated spatio-temporal information for regional history and diversity, Practical utilization of spatial information system	Sugimoto
Associate Professor	ONISHI Katsumi	Applied Algorithms for Discrete Optimization Problems in Distributed Computing Environments	Sugimoto
Associate Professor	SAGA Ryosuke	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	Nakamozu
Associate Professor	UESUGI Tokuteru	Materials design based on machine learning and first-principles calculations, Optimization of materials process by machine learning, Image processing of microstructures using machine learning	Nakamozu
Associate Professor	YANAGIMOTO Hidekazu	Knowledge discovery from big data with statistical machine learning. Text mining and machine comprehension using large text corpus.	Nakamozu
Associate Professor	YOSHIDA Daisuke	Applied research on disaster prevention / mitigation, infrastructure maintenance, urban development, utilizing geospatial information	Sugimoto
Lecturer	KUSUNOKI Yoshifumi	Machine Learning and Data Analysis, Mathematical Programming, Soft Computing, Decision Making, Optimization Algorithms	Nakamozu

The faculty staff member marked with \* will retire on March 31, 2023.

(As of April 1, 2022)

**《Category B》**

<b>Title</b>	<b>Name</b>	<b>Education and Research Fields</b>	<b>Campus</b>
Professor	IWAMURA Koji	Production System, Production Simulation, Optimization of Production Planning by Using Multi-Agent or Machine Learning	Nakamozu
Associate Professor	HIRABAYASHI Naoki	Production Management Systems, Real Time Production Scheduling, Dynamic Facility Layout, Optimization Method by Mathematical Planning and Metaheuristics	Nakamozu
Associate Professor	MORINAGA Eiji	System Design and Integration, Computer-Aided Conceptual Design, Integrated Optimization of Manufacturing System, Decentralized Production Management	Nakamozu

(As of April 1, 2022)