# Tohoku University Graduate School of Information Sciences Three-Year Doctoral Program Admission Guidelines (April 2024 Continuing and Transfer Admissions)

Examination dates: 29-31 August 2023

### **Admission Policy**

The Tohoku University Graduate School of Information Sciences (GSIS) aims to develop researchers and professionals who possess advanced expertise in information science based on an interdisciplinary outlook on science that encompasses mathematics and social science. We expect researchers and professionals to be always sensitive to the demands of society, discover problems on their own, and promote concrete solutions to problems, by utilizing their expertise, which is based on the integration of the humanities and sciences. To develop persons who contribute to the creation of new value in "Information Science" that the GSIS aims to achieve, we seek diverse students, including students who want to deepen their studies based on our accumulated achievements in various fields, students who want to actively pursue research in interdisciplinary fields, students who want to pursue research in new fields different from their previous research field, international students whom we expect to have different backgrounds from Japanese students, and mature students who are employed persons working at companies, institutes or other places.

Specifically, we seek students who are eager to become professionals capable of contributing to society by utilizing their expertise based on interdisciplinary and fundamental ability in mathematics and science, and students who are eager to become researchers who can contribute to further development of interdisciplinary science.

To this end, we have various types of admission options in the following categories: general admission, early graduate admission, mature student admission, international student admission, and special selection for recommended admission. The selection process is divided into seven "groups" according to the academic specialties within the GSIS, and in each group, the selection method is appropriately chosen and determined from written examinations, essays, and oral examinations depending on the characteristics of each group in the two-year Master's Course and three-year Doctoral Course.

### (Three-Year Doctoral Course)

In the general transfer-admission, continuing students from other graduate schools in Tohoku University, and transfer-admission for international students, we evaluate the applicant's specialized knowledge and ability to apply their knowledge to problems, as well as research content and research plans in the Master's Course, with particular emphasis on past research achievements and future potential as an interdisciplinary researcher.

In the selection process for transfer-admission for mature students, we evaluate their work history as employed persons, research content, and basic academic skills, with particular emphasis on their research plans and motivation.

Before entering the university, students are expected to have general knowledge of the field in which they intend to study, including the latest research trends; skills in researching, collecting, and organizing materials and literature necessary for their research; and the ability to develop an original academic argument based on this knowledge and information.

### **Assistance Program for Doctoral Students**

As of FY2006, the GSIS provides an assistance program for doctoral students with the aim of providing economic support and a suitable learning environment for high achieving graduate students.

<For details, please contact the GSIS Educational Affairs Section [Kyoumu Kakari].>

1. Recruiting departments and admission category

Department	Number of students to be admitted	Additional Information
Computer and Mathematical Sciences	11	The figures shown in the left column (continuing
System Information Sciences	11	(Note 1) / transferring students to be admitted) include the following quota;
Human-Social Information Sciences	10	*Transfer-admission for mature students (Note 2): 4 in each department
Applied Information Sciences	10	*Transfer-admission for international students (note 3): total of 7 in all the department.
Total	42	

- Note 1: Applicants who have completed the two-year the GSIS program (master degree program) or a professional degree program and are continuing to the three-year doctoral course.
- Note 2: In principle, the status of mature students is granted to those who have worked full time for more than 2 years (see Note 4 below). In case that applicants have less than 2 years of work experience, those who will work full time after enrolment and meet one of the qualifications in section "2. Application requirements" are subject to this admission (see p.8).
- Note 3: Those who are eligible to apply for transfer-admission for international students are current international students or Japanese students who have received education in higher educational institutions abroad, and who at the same time meet one of the requirements described in "2. Application requirements" (hereinafter referred to as "international students").
- Note 4: In principle, "Mature students" are those who have experience as technically skilled workers, teachers, researchers in such as public office, educational institutions and/or private companies. For individual cases without such previous work experience, contact the GSIS Educational Affairs Section to see the possibility of being classified as such.
- Note 5: All those wishing to apply for transfer admission should consult beforehand with their prospective supervisor to confirm their research plans after transfer admission.

### 2. Application requirements

- 1) Only students who are expected to complete the GSIS two-year program (master degree program) or a professional degree program in March 2024 may apply as continuing students.
- 2) In order to apply as a transfer student, applicants must satisfy one of the following prerequisites:
  - (1) Those who have a master's degree or a professional degree (including those who are expected to acquire such a degree by the end of March 2024).
  - (2) Those who have acquired a degree equivalent to a master's degree or a professional degree (including those who are expected to acquire such a degree by the end of March 2024) at a graduate school in another country.
  - (3) Those who have completed, while in Japan, a course of study through a correspondence course provided by a foreign school and have been awarded a degree equivalent to a master's degree or a professional degree (including those who are expected to acquire such a degree by the end of March 2024).
  - (4) Those who have completed a master's course in an educational institution in Japan, which is (i) recognized under the education system of a foreign country as operating a graduate school program and (ii) otherwise designated by the Minister of Education, Culture, Sports, Science and Technology (MEXT), and have been awarded a degree equivalent to a master's degree or a professional degree (including those who are expected to acquire such a degree by the end of March 2024).
  - (5) Those who have completed programs in United Nations University, and who have received a degree comparable to a master's (including those who are planning to finish the enrolled program by the end of March 2024).
  - (6) Students who enrolled in overseas educational institutions, graduate schools or United Nations University, passed the tests or screenings stipulated in the Standards for the Establishment of Graduate Schools (Ordinance of the Ministry of Education No.28 of 1974) and are expected to have an equal to or greater academic performance than those who have completed a master's degree. Degrees expected to be awarded by the end of March 2024 will be given a consideration.
  - (7) Those designated by the MEXT (Public Notice of the Ministry of Education No.118 of 1989).
    - (i) University graduates who have engaged in research for two or more years at universities, research institutes, or equivalent, and who are expected by the GSIS on the basis such as of research results, to have attained a level of scholastic achievement equivalent to or greater than those with master's or professional degrees.

- (ii) Those who have completed 16 years of education in a foreign country or who have completed in Japan a study program equivalent to 16 years of education in a foreign country through a correspondence course provided by a school in that country, and have engaged in research for two or more years at universities or research institutes, research institutes, or equivalent, and who are expected by the GSIS on the basis such as of research results, to have attained a level of scholastic achievement equivalent to or greater than those with master's or professional degrees.
- (8) Those who, on the basis of an individual screening, are expected by the GSIS to have a level of scholastic attainment equivalent to or above those with master's or professional degrees, and who will be at least 24 years old by the end of March 2024.
- Note 6: As those wishing to apply under (7) or (8) above will be subject to a prior documentation screening, they should consult beforehand with the GSIS Educational Affairs Section, submitting the documentation stipulated by the GSIS by 16 June 2023.

### 3. Online Application Procedures and Application Period

The general flow for online applications is as follows.

### 1. Confirming Admission Guidelines and Obtaining the Necessary Documents



- Please carefully check the information in these Application Guidelines, including the Qualifications for Admission (pages 1-2) and the necessary application documents (pages 4-7).
- For application documents, such as certificates of (expected) graduation, transcripts, and other support documentation, please request them in advance from the university you attended.

### 2. Paying the Examination Fee



- Follow the directions on page 5 of the Application Guidelines. Use an ATM (at a financial institution or convenience store) or online banking to pay via transfer to the designated bank account. A prescribed fee will be charged when making the payment (to be borne by the applicant).
- After making the transfer, attach documents that show the payee's account information, the amount, the date of transfer, and the name of the payer (such as a copy of the ATM statement or a copy of the screen of the completed Internet banking transfer) to the Confirmation for Examination Fee Payment and upload the scanned data to the TAO Application Registration website.

[Note] Only registering an application and paying the examination fee does not mean that you have applied.

### 3. Registering an Application via the TAO Application Registration Website



- Access The Admissions Office website, and after creating an account, fill in the required applicant information. <a href="https://admissions-office.net/">https://admissions-office.net/</a>
- Please register the documents to be uploaded among the required documents (pages 4-7).
- You cannot change your registered information after registration. When registering, fill in the information carefully while checking to ensure that there are no errors.
- There is a temporary save function, so use it effectively to check your information.
- Once your application is complete, you will receive a "Notice of Completion of Application" in your e-mail.

### 4. Sending of Application Documents (must arrive no later than July13 (Thu.))



• Please send the documents to be submitted among the required documents (pages 4-7) by express and simplified registration. Please note that applications will not be accepted if they do not arrive by the date indicated in the admission guideline.

The application procedure is completed by paying the application fee, registering the application information on the Internet, and sending the required application documents to Tohoku University by express and simplified registration (must arrive by the due date) within the application period.

Please note that payment of the application fee and registration of application information on the Internet is not sufficient to complete the application process.

Applicants should use The Admissions Office (hereinafter referred to as TAO), the designated online application system, to complete the following application procedures within the application period.

### [Methods]

1. Access the following URL and click the Member Registration button. The account creation screen will appear, so fill in the necessary information and create an account.

URL: https://admissions-office.net/

- 2. After creating your account, enter your e-mail address and password to log in from the above URL. Use the Application Schemes menu to search for "Tohoku University / Graduate School of Information Sciences", then follow the TAO system's directions and the directions below to apply.
- 3. The documents required for application are listed in the table below. Please note that some documents must be entered or uploaded into the TAO system (A) and others must be submitted by mail (B). Please note that only PDF files can be used for uploading data to the TAO system.

For those applying for transfer admission under (7) or (8) above, the documentation submitted for screening does not need to be re-submitted. Continuing applicants do not need to pay an application fee.

### [Application period]

(A) Application Period via TAO system

From 9:00 on Wednesday, June 28, 2023, until 23:59 on Thursday, July 13, 2023 (Japan time).

(B) Period for receipt of documents submitted by mail

From Wednesday, June 28, 2023, until Thursday, July 13, 2023 (Japan time).

### Mailing address:

Educational Affairs Section.

Graduate School of Information Sciences, Tohoku University

Aramaki-Aza Aoba 6-3-09, Aoba-ku Sendai 980-8579, JAPAN

Documents to be submitted by mail should be enclosed in the "No. 10 Envelope for submission of mailing documents" in the table below and sent by express and simplified registration.

The GSIS students applying as continuing students

No.	Documentation	Details	Submission method
1	Continuing application form and CV	Fill out the continuing /transfer application form and CV in the TAO system.	A
2	Written consent to take exam	If you are currently employed, written consent to take the entrance examination (no set format, but a company seal, or equivalent are required) issued by the head of your division. The written consent to take the entrance examination is necessary only if you will continue to be employed after entering this school.	A
3	Envelope for submitting documents by mail name slip  Download the prescribed address sheet file from the URL below and fill in the required information.  Please fill in the required information.  https://www.is.tohoku.ac.jp/jp/entrance/exam.html		A

Note 7: In case the proposed supervisor is different from the current supervisor, the academic transcripts from master's and undergraduate are also required to be submitted.

Transfer-admission applicants and applicants wishing to advance from other departments in Tohoku University

No.	Documentation	Details	Submission method
1	Continuing /transfer application form and CV	Fill out the continuing /transfer application form and CV in the TAO system.	A
2	Photo ID Form	<ul> <li>Please fill out the TAO System's Photo Voucher Form.</li> <li>Color photo (4:3 ratio), taken within the last 3 months.</li> <li>Uploadable file extensions are .jpeg and .jpg. The maximum file size is 20 MB.</li> </ul>	A

3	Certificate of (expected) completion or certificate of (expected) degree conferral	- Certificate of (expected) completion issued by your university chancellor or faculty dean, certificate of (expected) master's degree issued by the National Institution for Academic Degrees and Quality Enhancement of Higher Education, or certificate of (expected) completion issued by the head of the school you last attended, or - Applicants with the qualification criteria specified in (6) need to provide a (expected) certificate showing that they are expected to have academic performance equal to or greater than those with a master's degree, instead of the certificate requested above.	В
4	Academic transcript (Graduate school, etc.) Academic transcript	Issued by your university chancellor, graduate school dean or the head of the school you last attended or equivalent  Issued by your university chancellor or faculty dean. To be	В
	(University (department))	submitted only by those applying under (1), (2), (3), (4), (5) or (6).	В
5	TOEFL®Test or TOEIC®Test scoresheet (Note 8)	Required for applicants for international student admission of Mathematics (Group 1), and applicants for general transferadmission, applicants wishing to continue from other departments in Tohoku University and applicants for transfer-admission for international students of Information and Biosystems (Group 2), Machine and Intelligence (Group 3), Civil Engineering (Group 4), Languages and Media (Group 5), Psychology and Philosophy (Group 6) and Social Sciences (Group 7).  TOEFL®Test or TOEIC®Test examinations must have been taken no more than two years before the first day of the entrance examination.	В
		Please download the prescribed acceptance agreement form the following URL	
6	Letter of acceptance	https://www.is.tohoku.ac.jp/jp/entrance/exam.html (Written by your prospective supervisor and signed or stamped by him/her)	A
7	Master's thesis (copies also accepted)	If you have no master's thesis, please submit papers or other written work showing your research results (around 2,000 characters / 850 words, A4 size).	A or B
8	Application fee Please pay 30,000 yen by 12 July according to the instructions on the right, and submit the "Confirmation for Examination Fee Payment".	(Download the prescribed Confirmation for Examination Fee Payment file from the following URL. <a href="https://www.is.tohoku.ac.jp/en/entrance/exam.html">https://www.is.tohoku.ac.jp/en/entrance/exam.html</a> ②Please pay the examination fee using ATM (financial institutions, convenience stores) or Internet banking, etc. as follows.  * The name of the payee must be the applicant's own name in katakana.  * Please attach a copy of the bank account information, amount, date of transfer, and name of the payee (e.g., copy of ATM statement, copy of the screen for completing the transfer from internet banking) to the confirmation of payment of the examination fee.  * The bank transfer fee is the responsibility of the applicant.  Amount: 30,000yen Payment period: 12 July [period strictly limited] Bank: Mitsubishi UFJ Bank, Bank Code: 0005 Branch office: Wakatake Branch, Branch Code: 809 Account Type: General Account number: 2259391 Name: 国立大学法人東北大学 Kana: ダイ) トウホクダイガク  ③MEXT scholarship recipients and also those who applied for exemption from the application fee are not required to pay the application fee. Please refer to the GSIS website ( <a href="https://www.is.tohoku.ac.jp/">https://www.is.tohoku.ac.jp/</a> ) for information on exemption of the application fee for disaster victims.	A

		④If you live overseas, please contact the GSIS Educational Affairs Section in advance.	
9	Certificate of residence (with status of residence clearly indicated)	To be submitted only by foreign nationals residing in Japan (those whose period of stay exceeds 90 days). Must be issued by the mayor of the municipality within the last 3 months.	В
10	Envelope for submission of mailing documents	Please prepare a commercially available kakugata 2 envelope (approx. 24 cm x 33 cm), download the prescribed Address Sheet file from the following URL, fill in the required information, print it out in color, and paste it on the front of the envelope.  https://www.is.tohoku.ac.jp/en/entrance/exam.html	В

Submission method:

- (A) Enter or upload into the TAO system
- (B) Submit by mail

Note 8: We accept a score of any of the following publicly offered standardized tests: TOEFL-iBT®Test, TOEFL-PBT®Test or TOEIC®Test. We do not, however, acknowledge scores of institutionally offered TOEFL-ITP®Test or TOEIC-IP®Tests. Scores of multiple tests may be submitted provided they are of different types.

If a scoresheet is not submitted at the time of your application (by the final day of the period for application acceptance), your English language score will be rated at zero. We only accept TOEFL  $iBT^{\otimes}$  scores from a single test date, not  $MyBest^{TM}$  scores.

The following applicants must submit a certificate. For further details, please see pp. 11-15.

- Mathematics (group 1): Applicants for transfer-admission for international students
- Information and Biosystems (group 2), Machine and Intelligence (group 3), Civil Engineering (group 4), Languages and Media (Group 5), Psychology and Philosophy (Group 6), Social Science (group 7): Applicants for general transfer-admission, applicants wishing to advance from other departments in Tohoku University and applicants for transfer-admission for international students

Regarding groups 1, 2, 3, 5, 6, and 7, those whose native language is English need to inquire on an individual basis.

TOEFL, TOEFL iBT, TOEFL ITP and TOEIC are registered trademarks of Educational Testing Service (ETS).

In addition to the above documentation, applicants for transfer-admission for mature students and applicants for transfer-admission for international students should also submit the following.

Applicants for transfer-admission for mature students

No.	Documentation	Details	Submission method
1	Written consent to take examination	If you are currently employed, written consent to take the entrance examination (no set format, but a company seal or equivalent are required) issued by the head of your division.	
2	Employment certificate	An employment certificate about the employment period, content of work, and position (no set format, but a company seal or equivalent are required) issued by the head of your division.	
3	Statement of purpose	Areas of interest, future goals, etc. (use A4 for printing)	
4	Research plan	A4 size (around 2,000 characters / 850 words)	
5	Explanation of past research		
6	List of research achievements	List of papers and patents. (For joint work, note the percentage of your contribution.; use A4 for printing)	A

Applicants for transfer-admission for international students

No.	Documentation	Details	Submission method
1	Letter of recommendation	Written by your previous graduate school supervisor or a person of the same position as the supervisor (no set format). Unnecessary for those who completed (or expected to complete) graduate school in Japan by the end of March 2024.	A

2	Other	Submit papers, reports, etc., if any, that demonstrate scholastic ability.	A or B
3	Government scholarship certificate	For international students on Japanese government (MEXT) scholarships at other universities, submit a MEXT scholarship certificate issued by their university	В
4	Written consent to take exam, employment certificate, etc.	If you are currently employed, written consent to take the examination (no set format, but a company seal, etc. are required) issued by the head of your division.	A

Submission method:

- (A) Enter or upload into the TAO system
- (B) Submit by mail

### 4. Admission method

### 1) Continuing students from the GSIS

Admission will be based upon results from the two-year master's program, an individual assessment, etc.

### 2) General transfer-admission applicants, continuing students from other graduate schools of Tohoku University and applicants for transfer-admission for international students

In principle, Admission will be based on a combination of written examinations, an oral examination, academic transcript and other submitted documents.

However, in the case of Group 3 (Machine and Intelligence) for Transfer-admission for international students, the oral examination may not be conducted depending on the results of the written examination.

Applicants should refer to "the list of laboratories (areas)" on pp.18-21 or the GSIS website (<a href="https://www.is.tohoku.ac.jp/en/laboratory/">https://www.is.tohoku.ac.jp/en/laboratory/</a>) to select the laboratory (area) to which they wish to be assigned and take the written and oral examinations for the specialized subject group specified by that laboratory (in that area). Subject group codes, laboratory codes and departments are shown in Table 1.

The content of examinations for each specialized subject group is shown on pp.11-15.

Where the applicant is continuing from another graduate school at Tohoku University and their prospective supervisor will be one of the persons examining their thesis, their master's program results may be sufficient to exempt them from the written examinations.

Table 1

Specialized subject group			
Group code	Name	Laboratory codes	Department
1	Mathematics	A01-1, A01-2, A02-1, A02-2, A03, A04	Computer and Mathematical Sciences
		B01-1, B01-2, B02-1, B02-2, B03	System Information Sciences
		A05, A07, A08, A09, A10, A11, A13, A14, A16, A17, A18	Computer and Mathematical Sciences
2	Information and	B04, B05, B06, B07, B08, B11, B12, B13, B15, B16	System Information Sciences
	Biosystems	D01, D02, D04, D05, D07, D08-1, D08-2, D10, D11, D12, D13-1, D13-2	Applied Information Sciences
	Machine and	A06-1, A06-2, A12-1, A12-2, A15-1, A15-2, A19-1, A19-2	Computer and Mathematical Sciences
3	Intelligence	B09, B10-1, B10-2, B14	System Information Sciences
		D03-1, D03-2, D09-1, D09-2, D14	Applied Information Sciences
4	Civil Engineering	C11-1, C11-2, C12-1, C12-2, C13-1, C13-2	Human-Social Information Sciences
5	Languages and Media	C01, C06, C14, C15	Human-Social Information Sciences
6	Psychology and	C02, C03, C04, C05, C16	Human-Social Information Sciences
	Philosophy	D06	Applied Information Sciences
7	Social Sciences	C07, C08, C09, C10	Human-Social Information Sciences

<sup>\*</sup> Aside from the above, the following examination method can also be chosen.

- Method 1: The written examination is taken in the other specialized examination subject groups. (Examination Method (1)) (Depending on the reason for choosing the examination method (1), this method of examination may not be permitted.)
  - The Civil Engineering group (Group 4) do not have a written examination (specialized subjects), so it is not possible to select this group as the group to take the written examination. In addition, applicants for the Civil Engineering group cannot choose this examination method.
- Method 2: The written examination is taken according to subjects that are not in the specialized examination subject groups of the GSIS. (It may not be possible to comply with some subjects.)
- Method 3: In lieu of the above written and oral examinations, the examination is taken related to your background (written examination, essay, oral examination, foreign language subject (English), etc.). (Depending on the prior screening of documents, some applicants may not be allowed to take the examination in this way.)

Those wishing to be examined using the above methods must consult with the GSIS Educational Affairs Section and their prospective supervisor by 16 June 2023.

### (a) Schedule for screening examinations.

Examinations will be held by specialized subject group from 29 August 2023 to 31 August 2023 according to the schedule on pp.11-15.

### (b) Place and time of the examination

The examination site and details will be provided when the examination voucher is sent via the TAO system. As for the details, refer to "Examination schedule and examination content for each specialized subject group." (p.11~)

### 3) Transfer-admission for mature students

In principle, those applying for admission as mature students should have been employed for two or more years as technicians, teachers or researchers in public offices, schools or companies, etc. In case that applicants have less than 2 years of work experience, only those who have a status as a researcher, teacher or technician after being transferred are subject to the admission. The aim is for mature students to exploit their workplace experience in their learning and research, refresh and advance their knowledge and skills, or to acquire knowledge and skills in new areas, continuing their creative abilities.

In principle, the screening will entail a holistic assessment of the applicant's basic academic ability and work experience and research content as a working member of society based on a short essay, oral examination and documentation screening. Emphasis will also be placed on the relationship between the research area in which the candidate wishes to major and their work and research experience to date.

The examination dates, start times and the examination content for the various specialized subject groups can be found on pp.16-17. Examination venues will be the same as for (2) General transfer-admission applicants, continuing students from other graduate schools of Tohoku University and applicants for transfer-admission for international students noted above.

### 5. Announcement of successful applicants

The examination code numbers of passed applicants will be listed on the GSIS website around 5 p.m. on 8 September 2023 (<a href="https://www.is.tohoku.ac.jp/">https://www.is.tohoku.ac.jp/</a>). Successful applicants will be sent a letter of acceptance via the TAO system at a later date .

### 6. Application for Long-Term Study System

The GSIS can, based on the results of a review, give permission for a student to complete their study program (Note 10) systematically over a period of more than three years, the standard completion period, in response to circumstances such as the student's having a job (Note 9). Students to whom this system is applied are called "long-term students."

The GSIS will engage in consultation in relation to this system at any point in time. Details of application methods will be contained in the documentation on continuing and transfer procedures that is sent out following the announcement of successful applicants.

- Note 9: Students eligible for the long-term student system are: (i) full-time employees at companies, etc., or those who are self-employed; (ii) those needing time away for childbirth, childcare or nursing care, etc.; and (iii) other persons deemed eligible by the GSIS.
- Note 10: The term of study cannot extend past six years. However, students can request that the permitted term of study be shortened. In principle, there will be no special curriculum set for long-term students.

### 7. Continuing and transfer-admission procedures

Information on continuing and transfer procedures and other details will be mailed to successful applicants in the middle of February, 2024. The procedure will be completed in middle of March 2024.

### 8. Costs

(1) Continuing students

Tuition fee (Per Semester) 267,900 yen (subject to change) (Annual fee: 535,800 yen) (subject to change)

(2) Transfer-admission students

(a) Entrance fee 282,000 yen (subject to change) (b) Tuition fee (Per Semester) 267,900 yen (subject to change) (Annual fee: 535,800 yen) (subject to change)

(For both (1) and (2))

Note 11: Tuition fees while enrolled at Tohoku University should be paid to the university through an automatic debit from a bank account held at a designated bank. The above fees are provisional, and where tuition fees are revised during your period of study, the new tuition fee will apply as of the time of revision.

Note 12: Information on exemptions from entrance and/or tuition fees or permission for delayed fee payment will be provided in the documents related to the continuing or transfer-admission procedures, etc., .

### 9. Notes

- (1) Application documents and the examination fee will not be returned.
- (2) Anyone who files a false declaration in the application documents, the enrollment may be canceled even after admission.
- (3) Please download the examination admission card from the TAO system. If you still cannot download it 10 days before the examination date, please contact the GSIS Educational Affairs Section.
- (4) The GSIS provides consultation services for applicants who need help with examinations and academic affairs. For the form, please contact the GSIS Educational Affairs Section. Applicants will not be disadvantaged in the pass/fail decision for submitting the application form.

\*Deadline for consultation: 16 June (Fri.), 2023

Details to be written on the application form

- (1) Name, address, and telephone number of the counsellor
- (2) University from which you graduated
- (3) Matters you wish to be taken into consideration for examinations
- (4) Matters for which you wish to be considered for study
- (5) Details of considerations that have been granted in the past
- (6) Status of daily life
- (7) Other materials that may be useful for reference (If the applicant is currently undergoing medical treatment, attach a doctor's note)
- (5) We will disclose the entrance exam results only to those who took the entrance exam of Graduate School of Information Sciences on 2024. If you wish, please inquire to the academic staff about procedures, etc. Applications will be accepted only if there is a request for disclosure (prescribed application form) from the applicant himself / herself.
- (6) Handling of retained personal information
  - (i) Personal information held by Tohoku University is handled in strict compliance with the "Act on the Protection of Personal Information (Act No. 57 of 2003)" and other laws and regulations, and in accordance with the "Personal Information Protection Regulations of Tohoku University National University Corporation" and other related regulations of Tohoku University to ensure the protection of personal information.
  - (ii) Personal information such as examination results used for the selection of applicants will be used for the following purposes: selection of applicants, admission procedures, pre-entrance education, follow-up surveys, etc., student support after admission (scholarships, tuition exemption, health care, etc.), educational purposes such as academic guidance and tuition collection, and surveys and research (improvement of entrance exams, surveys and analysis of application trends, etc.; for applicants who are admitted to the university, personal information will be used for the following purposes: admission procedures, pre-entrance education, follow-up surveys, etc.). For enrolled students, this includes analysis together with personal information after enrollment). The information will be used for the following purposes.
- (iii) Work related to entrance examinations and educational affairs may be performed by contractors entrusted by the University (hereinafter referred to as "contractors"). Some entrance examinations and teaching-related work may be performed by contractors (hereinafter referred to as "contractors") entrusted

by the University. In the event that all or part of the personal information is provided to a contractor for outsourcing, necessary measures will be taken to ensure that the information is handled appropriately in accordance with the "Personal Information Protection Regulations of Tohoku University" and other related regulations of Tohoku University.

(7) Educational Data Usage

Data, including personal information, that Tohoku University collects through its education/learning activities and stores on its information systems (hereafter, Educational Data) is analyzed with the latest analytical and A.I. technology and is considered vital to our implementation of evidence-based education.

Consequently, the university strives to use Educational Data effectively and appropriately in compliance with our "Statement on Educational Data Usage," "Policy on Educational Data Usage," and "Tohoku University's 8 Principles of Educational Data Acquisition."

After being admitted to the university, students' personal information, such as entrance exam scores etc., is merged with the university's Educational Data.

URL: <a href="https://www.tohoku.ac.jp/japanese/studentinfo/education/08/education0801/">https://www.tohoku.ac.jp/japanese/studentinfo/education/08/education0801/</a>

(8) In accordance with the Foreign Exchange and Foreign Trade Act, Tohoku University has established the Tohoku University Rules for Security Export Control Regulations when accepting international students. If you fall under one of the restrictions, you may not be able to receive the education you want or your research theme may be restricted.

June 2023

Educational Affairs Section, Graduate School of Information Sciences, Tohoku University 6-3-09 Aramaki-Aza Aoba, Aoba-ku, Sendai, 980-8579, JAPAN Tel: 022-795-5814

e-mail: is-kyom@grp.tohoku.ac.jp https://www.is.tohoku.ac.jp/

### Examination schedule and examination content for each subject group

April 2024 Three-Year Doctoral Program: Transfer-admission for international students

	Group 1 Mathematics
Written	Specialized subjects 30 August 10:00-13:00
examinations *	Select three out of 9 questions on differential and integral calculus (1), linear algebra (1), applied mathematics (1), discrete mathematics (1), probability/statistics (1), complex analysis (1), differential equation (1), geometry (1), and algebra (1).
	The applicant must also write a short essay in English on a theme provided on the day of the examination.
	English
	Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test
	scoresheet from an examination taken no more than two years before the first day of the
	entrance examinations. The scoresheet is the Test Taker Score Report in the case of
	TOEFL®Test, and the Official Score Certificate in the case of TOEIC®Test. When submitting
	the TOEFL®Test Institutional Score Report, please ensure that your score report is sent directly
	from U.S. ETS and reach to the GSIS office by the final day of the application period. (For
	mailing, the GSIS's DI code is 2149.) Applicants whose native language is English should contact the GSIS Educational Affairs Section on an individual basis.
Oral	30 August or 31 August: The date and start time will be announced separately
examination	Give a 20-minute presentation on your master's thesis (including those currently being written)
	at your home graduate school or the field of mathematics in which you have mainly studied
	(PC projector can be used). The presentation will include Q&A to check the applicant's basic
	academic ability and understanding of related matters in the desired research field.
	Bring 5 copies of each of the following documents on the presentation day:
	- A summary of your presentation in English (about one page of A4 paper)
	- Outline of the research theme you wish to pursue after admission (about 1 page of A4 paper
	in Japanese or English)

	Group 2 Information and Biosystems		
Written	Basic subjects 29 August 9:40-10:40 (Meeting time 9:00)		
examinations	Physics and informatics: Select two out of six questions on electromagnetics, electrical		
*	circuits, fundamentals of informatics 1, fundamentals of informatics		
	2, fundamentals of physics, and fundamentals of mathematics.		
	Medicine and biology: Select two out of five questions on fundamentals of molecular biology,		
	fundamentals of general physiology, fundamentals of		
	neuroendocrinology, fundamentals of pathophysiology, and		
	fundamentals of health science.		
	English		
	Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test		
	scoresheet from an examination taken no more than two years before the first day of the		
	entrance examinations. The scoresheet is the Test Taker Score Report in the case of		
	TOEFL®Test, and the Official Score Certificate in the case of TOEIC®Test. TOEFL iBT Home Edition score sheets are also accepted. When submitting the TOEFL®Test Institutional Score		
	Report, please ensure that your score report is sent directly from U.S. ETS and reach to the		
	GSIS office by the final day of the application period. (For mailing, the GSIS's DI code is		
	2149.) Applicants whose native language is English should contact the GSIS Educational		
	Affairs Section on an individual basis.		
	Note: State the name of the categories in which you wish to be examined (physics and		
	informatics or medicine and biology) along with the specialized subject group		
	(Information and Biosystems) in the application form. Please refer to the relevant		
	departments in regard to the scope of the various subjects, or check on the website at this		
	address: <a href="https://www.ecei.tohoku.ac.jp/ecei_web/admission/">https://www.ecei.tohoku.ac.jp/ecei_web/admission/</a>		
Oral	30 August or 31 August: The date and start time will be announced separately.		
examination	Give a 20-minute presentation on the content of the education you received at your home		
	graduate school or your master's thesis (including those currently being written). Bring five		
	copies of the materials related to the contents of your presentation (abstracts, illustrations, etc.		
	on A4 paper).		

# April-2024 Three-Year Doctoral Program: Transfer-admission for international students

	Group 3 Machine and Intelligence
Written	English
examinations *	Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test scoresheet from an examination taken no more than two years before the first day of the entrance examinations. The scoresheet is the Test Taker Score Report in the case of TOEFL®Test, and the Official Score Certificate in the case of TOEIC®Test. TOEFL iBT Home Edition score sheets are also accepted. When submitting the TOEFL®Test Institutional Score Report, please ensure that your score report is sent directly from U.S. ETS and reach to the GSIS office by the final day of the application period. (For mailing, the GSIS's DI code is 2149.) Applicants whose native language is English should contact the GSIS Educational Affairs Section on an individual basis. With the exception of applicants whose native language is English, if an applicant cannot provide an original score report from the TOEIC public test, the application request will not be accepted. (However, if the applicant is submitting a scoresheet of the TOEIC public test, it can be accepted after the application period. In such a case, unless the original scoresheet is submitted by the deadline, the applicant will be classified as having "failed.")  If the Test Date score on the score sheet is less than the standard (TOEFL-PBT 550, TOEFL-iBT 79, or TOEIC 730), the applicant will be "failed."
	Mathematics A 29 August 9:30-10:30 (Meeting time 8:50)
	Differential and integral calculus, Linear algebra, Vector analysis
	Mathematics B 29 August 13:00-14:00
	Ordinary differential equations, Partial differential equations, Fourier series and transforms, Laplace transforms
	Specialized subjects 30 August 9:30-11:30
	Select two from the following five subjects: Thermodynamics, Fluid dynamics, Strength of
	materials, Dynamics of mechanical systems, and Control engineering  Note:
	<ol> <li>(1) If the applicants reside outside of Japan, they can remotely take the examination online.</li> <li>(2) On the scope of each subject, inquire with the department or confirm with the website below. <a href="http://www.mech.tohoku.ac.jp/">http://www.mech.tohoku.ac.jp/</a></li> <li>(3) Calculators or devices such as watches or mobile phones with calculation or communication functions are not allowed in the examination room.</li> <li>(4) Interviews are given only for those applicants who pass the written test. When and how they will be notified of the written test results will be announced on the first day of the exam.</li> </ol>
	Department inquiries: Mechanical and Aerospace Engineering Academic Affairs Section Phone: 022-795-7030
Oral examination	31 August Meeting time will be announced separately (the oral examination may not be held depending on the results of the written examination). Give a 20-minute presentation on the content of the education you received at your home graduate school or your master's thesis (including those currently being written) (PC projector can be used). Bring 13 copies of the presentation materials (abstract, drawings, etc. on A4 paper).

	Group 4 Civil Engineering
Oral	29 or 30 August: The date and time of the examination will be announced separately.
examination	Give a 15-minute presentation on the education you received at their former graduate school and your master's thesis (including those currently being written) (PC projector can be used. If you wish to use a PC projector, please contact the Educational Affairs Section beforehand.). You will be asked questions on your presentation, drive and motivation, and research goals after admission. Bring 8 copies of materials related to your presentation (presentation outline, blueprints, etc.; A4 size).
Written	English
examinations *	Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test scoresheet from an examination taken no more than two years before the first day of the entrance examinations. The scoresheet is the Test Taker Score Report in the case of TOEFL®Test, and the Official Score Certificate in the case of TOEIC®Test. TOEFL iBT Home Edition score sheets are also accepted. When submitting the TOEFL®Test Institutional Score Report, please ensure that your score report is sent directly from U.S. ETS and reach to the GSIS office by the final day of the application period. (For mailing, the GSIS's DI code is 2149.)

	Group 5 Languages and Media
Written	English
examinations	Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test
*	scoresheet from an examination taken no more than two years before the first day of the
	entrance examinations. The scoresheet is the Test Taker Score Report in the case of
	TOEFL®Test, and the Official Score Certificate in the case of TOEIC®Test. When submitting
	the TOEFL®Test Institutional Score Report, please ensure that your score report is sent directly
	from U.S. ETS and reach to the GSIS office by the final day of the application period. (For
	mailing, the GSIS's DI code is 2149.) Applicants whose native language is English should
	contact the GSIS Educational Affairs Section on an individual basis.
	Specialized subjects 30 August 10:00-13:00
	Choose one of the following fields of study: Linguistics or Media Studies
	[Linguistics]
	Answer two questions from the following areas: morphosyntax, semantics,
	historical linguistics, or computational linguistics.
	[Media studies]
	Answer two questions from the following areas: literary theory, media studies, cultural studies,
	educational technology, or information literacy.
Oral	30 August or 31 August:
examination	The date and start time will be announced separately.
	Give a 20-minute presentation on the content of the education you received at your home
	raduate school, the content of your master's thesis, and your research plan (PC projector can be
	used). Bring six copies of the presentation materials (abstract, illustrations, etc. on A4 paper).
	International students from Tohoku University do not need to make the above presentation, but
	will be asked questions about their master's thesis (planned) and their hopes for research after
	entering the graduate school.

## April 2024 Three-Year Doctoral Program: Transfer-admission for international students

	Group 6 Psychology and Philosophy
Written	English
examinations	Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test
*	scoresheet from an examination taken no more than two years before the first day of the
	entrance examinations. The scoresheet is the Test Taker Score Report in the case of
	TOEFL®Test, and the Official Score Certificate in the case of TOEIC®Test. When submitting
	the TOEFL®Test Institutional Score Report, please ensure that your score report is sent directly
	from U.S. ETS and reach to the GSIS office by the final day of the application period. (For
	mailing, the GSIS's DI code is 2149.) Applicants whose native language is English should
	contact the GSIS Educational Affairs Section on an individual basis.
	Specialized subjects 30 August 10:00-13:00
	Select two out of 12 questions from these areas: psychology (sensation and perception,
	cognition, learning and memory, personality, psychometrics) and philosophy (history of
	philosophy).
	Applicants for either psychology (cognitive psychology, human learning and memory,
	cognitive psychology of communication) or philosophy (philosophy of human information,
	philosophy of logical analysis) should ensure that they answer questions from the area
	designated in the book for questions respectively.
	If you wish to be assigned to either of the following labs (cognitive informatics, human
	learning and memory, cognitive psychology or communication psychology), you will be
	required to produce a short essay (topic to be indicated at the examination venue).
Oral	31 August10:00-
examination	Give a 20-minute presentation on the content of the education you received at your home
	graduate school, the content of your master's thesis (including those currently being written)
	(PC projector can be used). Bring five copies of the presentation materials (abstract,
	illustrations, etc. on A4 paper). International students from Tohoku University do not need to
	make the above presentation, but will be asked questions about their master's thesis (planned)
	and their hopes for research after entering the graduate school.

	Group 7 Social Sciences
Written	English
examinations *	Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test scoresheet from an examination taken principally no more than two years before the first day of the entrance examinations. The scoresheet is the Test Taker Score Report in the case of TOEFL®Test, and the Official Score Certificate in the case of TOEIC®Test. When submitting the TOEFL®Test Institutional Score Report, please ensure that your score report is sent directly from U.S. ETS and reach to the GSIS office by the final day of the application period. (For mailing, the GSIS's DI code is 2149.) Students whose native language is English should contact the GSIS Educational Affairs Section by the last day of the application period.  Specialized subjects 30 August 10:00-13:00  Select one of the following categories.  Sociology Select two out of four questions from the following areas:
	Theories of sociology, Sociology of local/rural community, Civil society, and Social research methods  Politics Select two out of four questions from the following areas:  Modern politics, Political methodology, Comparative politics, and Political consciousness
	Economics Select two out of four questions from the following areas: Microeconomics, Applied economics, Statistics, and Mathematics for economics Questions may be answered in English. Where necessary, the examiner will supply calculators.  * State the name of the categories in which you wish to be examined (sociology, politics, or economics) in the application, along with the name of the specialized subject group (Social Sciences). No change in category will be allowed after the application has been submitted.
Oral examination	30 August or 31 August: The date and start time will be announced separately. Give a 20-minute presentation on the content of the education you received at your home graduate school, the content of your master's thesis (including those currently being written).

(PC projector can be used). The examiners will ask questions for approximately 10 minutes. Bring five copies of the presentation materials (abstract, illustrations, etc. on A4 paper). Presentations can be given in English.	
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<sup>\*</sup> In each of the subject groups, applicants may be exempted from the written examinations according to the content of their academic transcripts.

A TOEFL®Test or TOEIC®Test scoresheet must still be provided at the time of application.

# April 2024 Three-Year Doctoral Program: Transfer-admission for mature students

	Group 1 Mathematics
Short essay	30 August 10:00-11:30
	Includes questions testing your understanding of basic mathematical concepts and terminology.
Oral	30 August or 31 August: The date and start time will be announced separately.
examination	Give a 20-minute presentation on the field of mathematics that you have mainly researched at
	your workplace or individually (PC projector can be used).
	The presentation will include a Q&A to check the applicant's basic academic ability and
	understanding of related matters in the desired research field.
	Bring 5 copies of each of the following documents on the day
	- Outline of the presentation in Japanese (about 1 page of A4 paper)
	- Outline of the presentation in English (about 1 page of A4 paper)
	- Outline of the research theme you wish to pursue after admission (about 1 page of A4 paper
	in Japanese)
	However, if Japanese is not your native language, a summary of your presentation in Japanese
	is not required.

	Group 2 Information and Biosystems
Oral	30 August or 31 August:
examination	The date and time of the examination will be announced separately.
	Give a 20-minute presentation on your research (work) to date and your hopes for research
	after admission. Bring five copies of the presentation materials (abstract, drawings, etc. on A4
	paper).

	Group 3 Machine and Intelligence
Oral	30 August or 31 August: The date and time of the examination will be announced separately.
assessment	The oral assessment will be conducted on mathematics and specialized subjects.
	The time is about 20 minutes.
	The range of questions is the same as the written examination in other admission category.
	The question range for Math is Math A (Differential and integral calculus, Linear algebra,
	Vector analysis) and Math B (Ordinary differential equations, Partial differential equations,
	Fourier series and transforms, Laplace transforms).
	Applicants choose two subjects from five specialized subjects in advance and are questioned on
	them.
Oral	31 August Meeting time will be announced separately.
examination	Give a 15-minute presentation on your research to date and your hopes for research after
	admission (PC projector can be used). Bring 13 copies of the presentation materials (abstract,
	drawings, etc. on A4 paper). English proficiency may be required.
	Note: Some applicants may be exempted from the oral assessment as a result of prior screening
	of their documentation. For details, please contact Machine and Intelligence educational
	affairs section.
	Contact point: Machine and Intelligence educational affairs officer
	Tel: 022-795-7030

	Group 4 Civil Engineering
Short Essay	29 August 9:30-11:00
	A theme on civil engineering
Oral	29 or 30 August: The date and time of the examination will be announced separately.
examination	Give a 15-minute presentation on your research and work at your place of employment (PC
	projector can be used. If you wish to use a PC projector, please contact the Educational Affairs
	Section beforehand.). You will be asked about the content of your presentation, your
	motivation for applying, and your hopes for research after admission. Bring 8 copies of the
	presentation materials (abstract, drawings, etc. on A4 paper).

April 2024 Three-Year Doctoral Program: Transfer-admission for mature students

	Group 5 Languages and Media
Short essay	30 August 10:00-11:30
	The applicant must answer the essay question given on the day of the examination.
Oral	30 August (Wed.) or 31 August (Thu.): The date and starting time will be announced
examination	separately.
	Give a 15-minute presentation on your research (work) at your home university or workplace
	and your research plan (projector is available).
	The examiners will ask questions for approximately 10 minutes. Your research plan should be
	related to the following academic fields:
	[Linguistics] morphosyntax, semantics, historical linguistics, or computational linguistics.
	[Media studies] literary theory, media studies, cultural studies, educational technology,
	or information literacy.
	Bring six copies of the presentation materials (abstracts, illustrations, etc. on A4 paper).

	Group 6 Psychology and Philosophy
Short essay	30 August 10:00-11:30
·	Theme to be indicated on the day of the examination.
Oral	31 August10:00-
examination	Give a 20-minute presentation on your research (work) at your workplace and your research
	plan (PC projector can be used). Bring five copies of the presentation materials (abstracts,
	illustrations, etc. on A4 paper).

	Group 7 Social Sciences
Short essay	30 August 10:00-13:00
	Select one of the themes indicated at the time of the examination and produce a short essay.
	Themes will relate to proposed research areas across sociology, politics and economics.
Oral	30 August or 31 August: The date and starting time will be announced separately.
examination	Give a 20-minute presentation on your research (work) at your workplace (PC projector can be
	used). The examiners will ask questions for approximately 10 minutes. Bring five copies of the
	presentation materials (abstracts, illustrations, etc. on A4 paper).

### List of laboratories (areas) within Tohoku University Graduate School of Information Sciences 2024

\* For details on the research, etc., at these laboratories (areas), please see the GSIS's website at: <a href="https://www.is.tohoku.ac.jp/en/laboratory/">https://www.is.tohoku.ac.jp/en/laboratory/</a>

Group code	Group	Division	Laboratory (Area)	Lab.	Staff	Department
	Mathematics	Mathematical Structures	Mathematical	A01-1	Prof. Akihiro MUNEMASA**	
			Structures I	A01-2	(Currently vacant)	
			Mathematical Structures II	A02-1	Prof. Toshiyuki SUGAWA	Computer and Mathematical Sciences
				A02-2	Assoc. Prof. Hajime TANAKA	
			Mathematical Structures III	A03	(Currently vacant)	
1			Mathematical Structures IV	A04	Prof. Hiromi SENO**	
		Mathematical System Analysis	Mathematical System Analysis I	B01-1	Prof. Masaaki HARADA	
				B01-2	Assoc. Prof. Kei FUNANO	
			Mathematical System Analysis II	B02-1	(Currently vacant)	System Information
				B02-2	Assoc. Prof. Takako NEMOTO	Sciences
			Statistical Mathematics	В03	Prof. Yuko ARAKI	
	Information and Biosystems	Applied Mathematical Science	Mathematical Informatics	A05	Prof. Masayuki OHZEKI	
		Computation Science and Systems	Computation Science and Systems Computation Theory	A07	(Currently vacant)	
			Computer Structures	A08	Prof. Takafumi AOKI Assoc. Prof. Koichi ITO	
			Intelligent Integrated Systems	A09	Prof. Masanori HARIYAMA Assoc. Prof. Hasitha Muthumala WAIDYASOORIYA	
2		and Software	Firmware Science	A10	(Currently vacant)	Computer and Mathematical
			Foundations of Software Science	A11	Prof. Eijiro SUMII Assoc. Prof. Kazutaka MATSUDA	Sciences
			Logic for Information Science	A13	Prof. Keisuke NAKANO	
		Communication Theory	Communication Theory	A14	Prof. Go HASEGAWA	
		Information Security	Information Security	A16	Assoc. Prof. Masao SAKAI Assoc. Prof. Shuji ISOBE	
		Environmental Informatics	Environmental Informatics	A17	(Currently vacant)	

					Prof. Yoshinori	
		Fundamental	Fundamental Data		HAYAKAWA**	
		Data	Informatics	A18	Assoc. Prof. Takashi	
		Informatics			MITSUISHI	
					Prof. Xiao. ZHOU	
			Algorithm Theory	B04	Assoc. Prof. Akira	
					SUZUKI	
		Intelligent	Intelligent Systems Science		Prof. Ayumi	
		Information Science		B05	SHINOHARA	
			Science		Assoc. Prof. Ryo YOSHINAKA	
					Prof. Kentaro INUI	-
			Natural Language	B06	Assoc. Prof.Keisuke	
			Processing	_	SAKAGUCHI	
			Information Biology	В07	Prof. Takeshi	
					OBAYASHI	
		Biosystem			Assoc. Prof.Emi	
		Information	D : 14 1 :		YUDA	
		Sciences	Design and Analysis of Information	B08	Prof. Takehiro ITO Assoc. Prof. Jinhee	System
			Systems	D08	CHUN	Information
		Acoustic	by stems		Prof. Shuichi	Sciences
		Information	Acoustic Information	B11	SAKAMOTO	
		Visual	Visual Cognition and		Assoc. Prof. Chia-	
		Cognition and	Systems	B12	Huei Tseng	
		Systems	,		Prof. Yoshifumi	_
		Information			KITAMURA	
		Contents	Information Contents	B13	Assoc. Prof. Kazuki	System Information Sciences
	Information and				TAKASHIMA	
		Software Construction	Software Construction	D15	(Currently vacant)	
				B15		
		Fundamental Artificial Intelligence	Fundamental Artificial Intelligence		Prof. Jun SUZUKI	
				B16		
			· ·			
		Information and	Physical	D01	Prof. Kazuyuki	
			Fluctuaomatics		TANAKA Prof. Nei KATO	
	Biosystems		Information	D02	Assoc. Prof. Yuichi	
			Technology	D02	KAWAMOTO	
			Systems Bioinformatics		Prof. Kengo	1
		Applied Informatics for Human and Life Sciences		D04	KINOSHITA	
				D04	Assoc. Prof. Hafumi	
					NISHI	
			Biomodeling	D05	(Currently vacant)	
			Diomodelling	D03	(Surrounty vacant)	Applied
		Applied	Applied Intelligence		Assoc. Prof. Toru	Information Sciences
		Intelligence	Software	D07	ABE	Sciences
		Software	2011,1410			
		Information Network	Information Network Systems	D08-1	Prof. Takuo SUGANUMA	
					Assoc. Prof. Takaaki	
					MIZUKI	
		Systems		D00 2	Assoc. Prof. Hideaki	1
				D08-2	GOTO	<u> </u>
		Brain Function	Brain Function		Prof. Yoshihiko	
		Integration	Integration	D10	HORIO*	
		1			<u> </u>	

		Health Informatics	Health Informatics	D11	Prof. Yoshitaka KINOUCHI* Prof. Chihiro ITO Assoc. Prof. Susumu OGAWA*	
		Statistical Science for Complex systems	Statistical Science for Complex systems	D12	Prof. Atsushi YOSHIMOTO Assoc. Prof. Fumikazu MIWAKEICHI Assoc. Prof. Shinsuke KOYAMA	
		Advanced Applied Data Science	Advanced Applied Data Science	D13-1	Prof. Motoki SHIGA Prof. Kazunori YAMADA	
		Applied	Mathematical	A06-1	Prof. Satoru YAMAMOTO**	
		Mathematical Science	Modeling and Computation	A06-2	Assoc. Prof. Takashi FURUSAWA	
		Software Science and	Computer Architecture	A12-1	Prof. Hiroaki KOBAYASHI**	Computer and Mathematical
		Systems		A12-2	Assoc. Prof. Masayuki SATO	
		High Performance Computing	High Performance	A15-1	Prof. Hiroyuki TAKIZAWA	Sciences
			Computing	A15-2	(Currently vacant)	
		Advanced Computing Systems	Advanced	A19-1	Prof. Kentaro SANO	
	Machine and Intelligence		Computing Systems	A19-2	Prof. Kento SATO	
3		Intelligent Robotics	Image Analysis	B09	Prof. Takayuki OKATANI	System Information Sciences
3			Intelligent Control Systems	B10-1	Prof. Koichi HASHIMOTO	
				B10-2	Assoc. Prof. Shingo KAGAMI	
		Integrated Fluid Informatics	Integrated Fluid Informatics	B14	Prof. Jun ISHIMOTO	
		Information and Applied Technology  Flow System Informatics  Tough Cyberphysical AI	Human-Robot	D03-1	Prof. Satoshi TADOKORO*	
			Informatics	D03-2	Assoc. Prof. Masashi KONYO	
			Flow System Informatics	D09-1	Prof. Yuji HATTORI	Applied Information Sciences
				D09-2	Assoc. Prof. Makoto HIROTA	
			Tough Cyberphysical AI	D14	Prof. Kazunori Ono Assoc. Prof. Kenjiro TADAKUMA	
4	Civil Engineering	Infrastructure Planning Regi	Transportation and Geographic Information Science	C11-1	Prof. Takamasa IRYO	
				C11-2	Assoc. Prof. Ryo INOUE	
			Regional and Urban Planning	C12-1	Prof. Tatsuhito KONO	Human-Social Information
				C12-2	Assoc. Prof. Junya FUKUMOTO	Sciences
			Road Transportation	C13-1	Prof. Takashi AKAMATSU	-
			and Traffic	C13-2	Assoc. Prof. Yusuke HARA	

5	Languages and Media	Human Information Science	Language and Information Science	C01	Assoc. Prof.Itsumi SAITO	Human-Social Information Sciences
			Verbal Text Analysis	C06	Prof. Yoshiki OGAWA	
		Media and Information Science	Media and Culture	C14	Assoc. Prof. Naoko MORITA Assis. Prof. Kuniko SAKATA	
			Media and Information Literacy	C15	Prof. Tatsuya HORITA Assoc. Prof. Toru NAGAHAMA	
		d	Human Learning and Memory	C02	Assoc. Prof. Chihiro HOSODA	
	Psychology and Philosophy		Cognitive Psychology	C03	Prof. Kazumichi MATSUMIYA Assoc. Prof. Yuichi WADA	Human-Social Information Sciences
			Philosophy of Human Information	C04	Prof. Ichiro MORI	
6			Philosophy of Logical Analysis	C05	Hitoshi OMORI	
			Cognitive Psychology of Communication	C16	Prof. Toshiaki MURAMOTO	
			Cognitive Psychology	D06	Prof. Kazumichi MATSUMIYA	Applied Information Sciences
7	Social Sciences	Socio-Politico Information Science	Theory of Social Structure and Change	C07	Prof. Naohito TOKUGAWA Assoc. Prof. Aya OKADA	
			Political Informatics	C08	Assoc. Prof. Kazunori KAWAMURA	Human-Social Information
		Socio- Economic Information Science	Socio-Economic Analysis of Urban System	C09	Prof. Dao-Zhi ZENG Assoc. Prof. Ryo ITOH	Sciences
			Econometric System Analysis	C10	Accoc. Prof. Naoya FUJIWARA	

<sup>\*</sup> Teaching staff due to retire in March, 2025. \*\* Teaching staff due to retire in March, 2026.