# Tohoku University Graduate School of Information Sciences Two-Year Master's Program Admission Guidelines (October 2023 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.

#### (Two-Year Master's Course)

In the general admission, early graduate admission, and international student admission, the applicant will take a written examination that evaluates their specialized knowledge and ability to apply their knowledge to problems, and an oral examination based on the applicant's research plans and research motivation, with special emphasis on basic academic skills.

In the mature student admission, a comprehensive evaluation of the applicant's work history, research content, and basic academic skills will be conducted.

In the special selection for recommended admission, we evaluate the applicant's ability to think logically, writing ability, research plans, and motivation for research.

Before entering the university, students are expected to have acquired basic knowledge in their major field of study and adjacent fields, as well as the skills necessary to systematically prepare presentations of their research results.

#### **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

_	Number of students to be admitted			
Department	General admission	Early graduate admission	Mature student admission (Note 1)	International student admission, etc. (Note 2)
Computer and Mathematical Sciences System Information Sciences Human-Social Information Sciences	Limited	Limited	Limited	Limited
Applied Information Sciences				

- Note 1: The status of mature students is granted to those who have worked full time for more than 2 years (see Note 3 below) as well as to those who meet one of the qualifications described in section "2. Application requirements."
- Note 2: Those who are eligible for taking the entrance exam as 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 3: In principle, "Mature students" are those who have experience as technically skilled workers, teachers, researchers, etc. 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 4: All international students and mature students must engage in prior consultation with their prospective supervisors to discuss their post-admission research plans, no matter what category they may select.

## 2. Application requirements

- 1) In order to apply as applicants, prospective students must satisfy at least the following prerequisite: (1) University graduates (including those who are expected to graduate by the end of September 2023).
- 2) In order to apply as an early graduate student, prospective students must satisfy the following prerequisite:
  - (1) Those using the early graduation program (permitting them to graduate after at least three but less than four years of university attendance) who are expected to graduate by the end of September 2023.
- 3) In order to apply as mature or international students, applicants must satisfy one of the following prerequisites:
  - (1) University graduates (including those who are expected to graduate by the end of September 2023).
  - (2) Those who have been awarded a bachelor's degree under the provisions of National Institution for Academic Degrees and Quality Enhancement of Higher Education(NIAD-QE) in Japan (including those who are expected to be awarded this degree by the end of September 2023).
  - (3) Those who have completed 16 years of education in a foreign country (including those who are expected to have completed this by the end of September 2023).
  - (4) Those who have completed a curriculum equivalent to 16 years of foreign school education in Japan (including those who are expected to complete it by the end of September 2023).
  - (5) Those who have completed a university course in an educational institution in Japan, which is (i) recognized under the education system of a foreign country as operating a university program (graduates must be recognized as equivalent to those completing 16 years of education in that country) and (ii) otherwise designated by the Minister of Education, Culture, Sports, Science, and Technology (MEXT) (including those who are expected to complete such program by the end of September 2023).
  - (6) Students who have been conferred a degree equivalent to a bachelor's degree upon completion of a curriculum that has a course term of three years or longer at a university or other school (limited to schools whose overall educational and research activities have been evaluated by the relevant country's government or a government-approved individual, or are designated separately as having met this requirement by the MEXT) in a foreign country (including cases in which the student completed the curriculum by taking subjects conducted by said school via distance learning while the student resided in Japan, and cases in which the student has completed a curriculum at an educational facility that is

- positioned within that country's educational system as per the previous item) (including those who are expected to be awarded this degree by the end of September 2023).
- (7) Those who have completed a specialist program at a vocational school (restricted to those programs meeting standards prescribed by the MEXT, including the condition of a study period of at least four years) that has been otherwise designated by the said Minister, where the prospective student has completed the course since the date stipulated by the Minister (including those who are expected to complete such a course by the end of September 2023).
- (8) Those designated by the MEXT (please refer to Public Notice of the Ministry of Education No.5 of 1953).
- (9) Those who have been admitted to the graduate school of another university according to Article 102 (2) of the School Education Law, and in the opinion of the GSIS, have attained a sufficient standard of achievement.
- (10) Those who will be at least 22 years old by the end of September 2023 and who are expected, based on an individual the GSIS screening, to have a level of scholastic attainment equivalent to or above that of a university graduate.
- Note 5: The application qualifications stipulated under Article 102 (2) of the School Education Law and Article 11(8) of Tohoku University Graduate School Regulations are not applicable to "those who have studied at university for at least three years, those who have completed 15 years of school education in a foreign country, those who have completed 15 years of education in a foreign country by finishing in Japan a correspondence course operated by a school in that country, and those who have completed a university course in Japan at an educational facility, which is (i) recognized under the education system of a foreign country as operating a university program (graduates must be recognized as equivalent to completing 15 years of education in that country) and (ii) otherwise designated by the MEXT, and who have been recognized by the GSIS as having attained the necessary credits with outstanding results."
- Note 6: Applicants who wish to apply according to application requirement (6) should contact the GSIS Educational Affairs Section in advance.
- Note 7: Prospective students who wish to apply as mature or international students under prerequisites (9) or (10) will be subject to a prior documentation screening. Therefore, they should consult first with the GSIS Educational Affairs Section and their prospective supervisor, and submit 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 pages 5-6 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 July 13 (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: <a href="https://admissions-office.net/">https://admissions-office.net/</a>

- 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.

## [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. 9 Envelope for submission of mailing

documents" in the table below and sent by express and simplified registration.

No.	Documentation	Details	Submission method
1	Application form and CV	Fill out the application form and CV in the TAO system.	A
2	Supervisor request	<ul> <li>Fill out the supervisor request form in the TAO system.</li> <li>Please select your first to third choices.</li> <li>If the laboratory (area) of your first, second, or third choice belongs to a different subject group (*), an oral examination may be conducted in more than one group.(*) Applicants in Group 2 (Information and Biosystems) and Group 3 (Mechine and Intelligence) may not select laboratories (area) across groups.</li> </ul>	
3	Photo ID Form	Please fill out the TAO System's Photo Voucher Form.  Color photo (4:3 ratio), taken within the last 3 months.  Uploadable file extensions are .jpeg and .jpg.  The maximum file size is 20 MB.	A
4	One of the followings: Certificate of graduation, Certificate of (expected) degree conferral, Certificate of (expected) completion	<ul> <li>Certificate of graduation issued by your university chancellor or faculty dean</li> <li>Certificate of (expected) bachelor's degree issued by the NIAD-QE</li> <li>Certificate of (expected) completion issued by the head of the school you last attended</li> </ul>	В
5	Academic transcript	Issued by the chancellor of your former university, your faculty dean, or the head of the school you last attended, or equivalent.	
6	TOEFL®Test or TOEIC®Test Scoresheet (Note 8)	Required for applicants for international student admission of Mathematics (Group 1), and for applicants for general admission, early graduate admission, and international student admission of Information and Biosystems (Group 2), Machine	В

7	Examination fee Please pay 30,000 yen by 12 July according to the instructions on the right, and submit the "Confirmation for Examination Fee Payment".	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.  ①Download the prescribed Confirmation for Examination Fee Payment file from the following URL. https://www.is.tohoku.ac.jp/en/entrance/exam.html  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: 月* () トウボクサ* (力* 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 (https://www.is.tohoku.ac.jp/) for information on exemption of the application fee for disaster victims.  ④If you live overseas, please contact the GSIS Educational Affairs Section in advance.	A
8	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
9	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
		Submit papers, reports, or other supporting documents that demonstrate scholastic ability, if any.     Only for Mature students (see Note 3) and international	A or B
10	Other	students (see Note 2) applying for the general admission.  Please download the prescribed confirmation form from the following URL. <a href="https://www.is.tohoku.ac.jp/jp/entrance/exam.html">https://www.is.tohoku.ac.jp/jp/entrance/exam.html</a>	A

	(The form must be prepared by the faculty member who will be accepting the applicant and signed or stamped by the applicant.)	
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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® scores from a single test date, not MyBest<sup>TM</sup> scores.

The following applicants must submit a scoresheet. (For further details, please see pp.11-14.)

- Mathematics (group 1): Applicants for international student admission.
- 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 admission, early graduate admission, and international student admission.

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).

Additional documentation to submit for mature student admission and international student admission:

[The applicants for mature student admission]

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) from the head of your division.	A
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.	A
3	Letter of acceptance	Please download the prescribed acceptance agreement from the following URL <a href="https://www.is.tohoku.ac.jp/jp/entrance/exam.html">https://www.is.tohoku.ac.jp/jp/entrance/exam.html</a> (Written by your prospective supervisor and signed or stamped by him/her)	A
4	Statement of purpose	Areas of interest, research plan, future goals, etc. (use A4 for printing)	
5	Graduation thesis and supporting documents	Graduation thesis or your research content from previous institution or employment place (use A4 for printing)	A or B

The applicants for international student admission

No.	Documentation	Details	Submission method
1	Letter of acceptance	Please download the prescribed acceptance agreement form from the following URL <a href="https://www.is.tohoku.ac.jp/jp/entrance/exam.html">https://www.is.tohoku.ac.jp/jp/entrance/exam.html</a> (Written by your prospective supervisor and signed or stamped by him/her)	A

2	Letter of recommendation	Written by your previous university supervisor or a person of the same position as the supervisor (no set format). Unnecessary for those who graduated (or expected to graduate by the end of September 2023) from a university in Japan.	A
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	If you are currently employed, written consent to take the entrance examination (no set format, but a company seal, or equivalent are needed) issued by the head of your division is required.	A

Submission method:

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

#### 4. Admission method

In principle, admission will be based upon a combination of written examinations (in the case of mature students, short essay, or equivalent), an oral examination, their academic transcript and other submitted documents.

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

1) General admission, early graduate admission, and international student admission
Applicants should refer to "the list of laboratories (areas)" on pp.17-20 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 their first choice in terms of laboratory (area) 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.11-14.

Table 1

Spec	ialized 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 Biosystems	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
		A06-1, A06-2, A12-1, A12-2, A15-1, A15-2, A19-1, A19-2	Computer and Mathematical Sciences
3	Machine and Intelligence	B09, B10-1, B10-2, B14	System Information Sciences
	and a grade	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
	Psychology and	C02, C03, C04, C05, C16	Human-Social Information Sciences
6	Philosophy	D06	Applied Information Sciences

7	Social Sciences	C07, C08, C09, C10	Human-Social Information Sciences
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<sup>\*</sup> Aside from the above, the following examination methods can also be chosen.

Method 1: In case of taking the written examination in another specialized examination subject group. (Examination Method (1)) (Depending on the reason for choosing the examination method (1), this method of examination may not be permitted.)

Method 2: In case of taking the written examination on a subject that is not part of the specialized examination subjects of the GSIS (Some subjects may not be available upon the request).

Method 3: In case of taking an examination such as an essay related to your background, an oral examination, or a foreign language subject (English) in place of the above written and oral examinations (Please note that some applicants may not be allowed to take the examination by this method depending on the prior document review).

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.

#### (1) Schedule for entrance examinations

Examinations will be held by specialized subject group over 29-31 August 2023 according to the schedule on pp.11-14.

#### (2) 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."  $(p.11 \sim)$ 

#### 2) Mature student admission

In principle, those applying for admission as a mature student should have been employed for two or more years as technicians, teachers or researchers in public office, schools or companies, etc. 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, advancing their creative abilities.

In principle, 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 schedule and content for each specialized examination subject group are shown on pages 15-16. The examination venue is the same as previously mentioned in "1) General admission and the international student admission.

## 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 two years, which is 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 admission procedures sent out after 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 four 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. Admission procedures

Information on enrollment procedures and other details will be mailed to successful applicants. The procedure will be completed in middle of September 2023.

#### 8. Costs

(1) Entrance fee 282,000 yen (subject to change) (2) Tuition fee (Per Semester) 267,900 yen (subject to change)

(Annual fee: 535,800 yen) (subject to change)

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 admission procedures.

#### 9. Notes

- (1) Once an application has been submitted, no withdrawals or changes to the application materials will be accepted. 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. examination voucher from the TAO system.
- (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 examination results only to those who took the entrance exam of Graduate School of Information Sciences on 2023. 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: https://www.tohoku.ac.jp/japanese/studentinfo/education/08/education0801/

(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 specialized subject group

## October 2023

# Two-Year Master's Program: International student admission

	Group 1 Mathematics		
Written	Specialized subjects 30 August 10:00-13:00		
examinations	In addition to two mandatory questions on differential and integral calculus (1), linear algebra		
*	(1), select two problems out of nine 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).		
	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. Applicants will		
examination	be notified of the exact date and start time separately.		
	Give a 10-minute presentation on your graduation research (planned) at your home university		
	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.
	Specialized subjects 30 August 9:40-10:40 (Meeting time 9:00)
	Physics and informatics: Select two out of six questions on electrical engineering,
	communication engineering, electronic engineering, computers 1,
	computers 2, and specialized physics.
	Medicine and biology: Select two out of five questions on specialized molecular biology, specialized general physiology, specialized neuroendocrinology,
	specialized general physiology, specialized health science.
	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:
	https://www.ecei.tohoku.ac.jp/ecei_web/admission/

Oral	30 August or 31 August: The date and start time will be announced separately.
examination	Give a 10-minute presentation on the content of the education you received at your home university
	or your graduation thesis (including those currently being written) and your hopes for research after
	entering the university. Bring five copies of the materials related to the contents of your
	presentation (A4 size). (International students who undertook their undergraduate studies at Tohoku
	University may in some cases be exempted from giving this presentation.)

	Group 3 Machine and Intelligence
Written	English
Written 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: Applicants may be exempted from the written examinations according to the content of
	their academic transcripts.
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 10-minute presentation on the content of the education you received at your home university or your graduation thesis (including those currently being written) (PC projector can be used).
	Bring 13 copies of the presentation materials (abstract, drawings, etc. on A4 paper).  International students from Tohoku University do not need to make the above presentation, but will be asked questions about their graduation research (planned) and their research plan.

# Two-Year Master's Program: International student admission

	Group 4 Civil Engineering
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.)
	Basic subjects 29 August 13:00-14:00
	Select two subjects out of the following four subjects: Differential and Integral Calculus, Linear
	Algebra, Probability and Statistics, and Biology and Ecology.
	Specialized subjects 29 August 15:00-16:00
	Select one of the following three academic fields: [Infrastructural Engineering], [Water and
	Environmental Studies], or [Transportation and Urban Planning].
	[Infrastructural Engineering]
	Select two subjects out of the following three subjects: Structural Engineering, Concrete
	Engineering, and Geotechnical Engineering.
	[Water and Environmental Studies]
	Select two subjects out of the following four subjects: Hydraulics, River Engineering, Water
	Quality Engineering, and Environmental Planning.
	[Transportation and Urban Planning]
	Select two subjects out of the following three subjects: Operations Research, Transportation
	Planning, and Transportation Engineering.
	Remarks
	(1) The use of calculators, dictionaries, or clocks with calculation or communication functions is
	not permitted.
	(2) Please refer to the following website for past entrance exam questions and the scope of
	questions.
	https://www.civil.tohoku.ac.jp/admission/index.html
Oral	29 or 30 August: The date and time of the examination will be announced separately.
examination	You will be asked about the content of the education you received at your home university, the
	content of your graduation thesis (including those currently being written), your motivation for
	applying, and your research plan. Japanese language proficiency will also be assessed.

	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: The date and start time will be announced separately.
examination	Give a 15-minute presentation on the content of the education you received at your home university,
	the content of your graduation thesis or research paper, and your research plan (PC projector can be
	used). Bring six copies of the presentation materials (abstract, illustrations, etc. on A4 paper).

## Two-Year Master's Program: International student admission

	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 three 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.
Oral	31 August 10:00-
examination	Give a 20-minute presentation on the content of the education you received at your home
	university, the content of your graduation thesis (including those currently being written) (PC
	projector can be used). Bring five copies of the presentation materials (abstract, illustrations, etc.
	on A4 paper).

	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
	D-141 C-1444
	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	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
	university, the content of your graduation 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.

<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.

# Two-Year Master's Program: Mature student admission

	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: The date and time of the examination will be announced separately.
examination	Give a 10-minute presentation on your research (work) to date and your research plan. Bring
	five copies of the presentation materials (abstract, drawings, etc. on A4 paper).

	Group 3 Machine and Intelligence
Written	Choose two from 7 subjects from Mathematics A, Mathematics B and specialized subjects.
examinations	(Notify the GSIS of these in advance.) The time at which the written examination finishes for
	specialized subjects will vary according to the subject chosen.
	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
	Thermodynamics, Fluid dynamics, Strength of materials, Dynamics of mechanical systems,
	and Control engineering
	Note: Applicants may be exempted from the written examinations according to the content
	of their academic transcripts.
Oral	31 August: Meeting time will be announced separately (The oral examination may not
examination	be held depending on the results of the written examination).
	Give a 10-minute presentation on your research to date and your research plan (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 written examinations 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 10-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 research plan. Bring 8 copies of the presentation materials
	(abstract, drawings, etc. on A4 paper).

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# Two-Year Master's Program: Mature student admission

	Group 5 Languages and Media
Short essay	30 August 10:00-11:30
	The applicant must answer the essay question given on the examination day
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 examination day.
Oral	31 August 10:00-
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 write an 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 Structures I	A01-1	Prof. Akihiro MUNEMASA**	
				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	- System Information Sciences
				B01-2	Assoc. Prof. Kei FUNANO	
			Mathematical System Analysis II	B02-1	(Currently vacant)	
				B02-2	Assoc. Prof. Takako NEMOTO	
			Statistical Mathematics	В03	Prof. Yuko ARAKI	
	Information and Biosystems	Applied Mathematical Science	Mathematical Informatics	A05	Prof. Masayuki OHZEKI	- Computer and Mathematical - Sciences
		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)	
			L Houndations of	A11	Prof. Eijiro SUMII Assoc. Prof. Kazutaka MATSUDA	
			Logic for Information Science	A13	Prof. Keisuke NAKANO	
			Communication Theory	A14	Prof. Go HASEGAWA	
			Information Security	A16	Assoc. Prof. Masao SAKAI Assoc. Prof. Shuji ISOBE	
		Environmental Informatics	Environmental Informatics	A17	(Currently vacant)	

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

		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	A12-1	Prof. Hiroaki KOBAYASHI**	
		Systems	Architecture	A12-2	Assoc. Prof. Masayuki SATO	Computer and Mathematical
		High Performance Computing	High Performance Computing	A15-1	Prof. Hiroyuki TAKIZAWA	Sciences
	Machine and Intelligence			A15-2	(Currently vacant)	
		Advanced Computing Systems	Advanced Computing Systems	A19-1	Prof. Kentaro SANO	-
				A19-2	Prof. Kento SATO	
3		Intelligent Robotics	Image Analysis	B09	Prof. Takayuki OKATANI	System Information Sciences
			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 Informatics	D03-1	Prof. Satoshi TADOKORO*	Applied Information Sciences
				D03-2	Assoc. Prof. Masashi KONYO	
			Flow System Informatics	D09-1	Prof. Yuji HATTORI	
				D09-2	Assoc. Prof. Makoto HIROTA	
			Tough Cyberphysical AI	D14	Prof. Kazunori Ono Assoc. Prof. Kenjiro TADAKUMA	
4	Civil Engineering	Infrastructure Planning	Transportation and Geographic Information Science	C11-1	Prof. Takamasa IRYO	
				C11-2	Assoc. Prof. Ryo INOUE	Human-Social Information Sciences
			Regional and Urban Planning	C12-1	Prof. Tatsuhito KONO	
				C12-2	Assoc. Prof. Junya FUKUMOTO	
			Road Transportation and Traffic	C13-1	Prof. Takashi AKAMATSU	
				C13-2	Assoc. Prof. Yusuke HARA	

		Human	Language and Information Science	C01	Assoc. Prof.Itsumi SAITO	
5	Languages and Media	Information Science	Verbal Text Analysis	C06	Prof. Yoshiki OGAWA	Human-Social Information Sciences
		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	
	Psychology and Philosophy		Human Learning and Memory	C02	Assoc. Prof. Chihiro HOSODA	Human-Social Information Sciences
6			Cognitive Psychology	C03	Prof. Kazumichi MATSUMIYA Assoc. Prof. Yuichi WADA	
			Philosophy of Human Information	C04	Prof. Ichiro MORI	
			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 Sciences
		Socio- Economic Information Science	Socio-Economic Analysis of Urban System	C09	Prof. Dao-Zhi ZENG Assoc. Prof. Ryo ITOH	
			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.