Tohoku University Graduate School of Information Sciences Three-year Doctoral Program Admission Guidelines (April 2023 Admissions)

Examination Schedule:

 [Schedule I]
 (Group 1, 5, 6, 7): 4 February (Sat.) - 5 February (Sun.), 2023

 [Schedule II]
 (Group 2, 3, 4): 28 February (Tue.) - March 2 (Thu.), 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].>

Please note that there may be sudden changes depending on the situation of the spread of the new coronavirus, so please pay attention to the GSIS web page related to the admissions process of the Graduate School of Information Sciences.

1. Recruiting departments and admission category

| Department | Number of people to be accepted | Remarks |
|---------------------------------------|---------------------------------------|--|
| Computer and Mathematical Sciences | 11 | The following are included in the number of applicants for continuing students (Note 2) and transferring students as |
| System Information Sciences | 11 | shown on the left. Mature Students Admission (Note 3) : 4 students for each |
| Human-Social Information Sciences | 10 | department |
| Applied Information Sciences | 10 | • International Students Admission (Note 4) : 7 students in all departments |
| Total | 42 | |

- Note 1: For details regarding the information about the General transfer-admission, please refer to the Japanese version of the guidelines.
- Note 2: Students who have completed the two-year master's course, or a professional degree course in Tohoku University and wish to continue on to the three-year doctoral course.
- Note 3: The status of mature students is granted to those who have worked full time for more than 2 years (see Note 4 below) as well as to those who meet one of the qualifications described in section "2. Application requirements."
- Note 4: 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 5: 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 6: All transfer applicants are required to contact the faculty member of the laboratory (field) to which they wish to be assigned in order to confirm their research plan after transfer.

2. Application requirements

- 1) Applicants must be expected to complete the two-year master's course, or a professional degree course in Tohoku University by March 2023.
- 2) Those who are eligible to apply as transfer applicants must fall into one of the following categories.
- 1. Those who hold a master's degree or a professional degree (including those who are expected to obtain it by March 2023).
- 2. Those who have received a master's degree or a degree equivalent to a professional degree from a graduate school of a foreign university (including those who are expected to receive a master's degree by March 2023).
- 3. Those who have been awarded a degree equivalent to a master's degree or a professional degree after completing correspondence courses offered by a foreign school in Japan (including those who are expected to obtain such a degree by March 2023).
- 4. Those who has completed a course at an educational institution in Japan that has been designated by the Minister of Education, Culture, Sports, Science and Technology (MEXT) as having a graduate course in a foreign country and has been awarded a master's degree or a degree equivalent to a professional degree (including a person who is expected to obtain such a degree by March 2023).
- 5. Those who have completed a course at the United Nations University and have been awarded a degree equivalent to a master's degree (including those who are expected to obtain a master's degree by March 2023).
- 6. Those who has taken an educational course at a foreign school, an educational facility with a graduate course in a foreign country, or the United Nations University, passed an examination and examination equivalent to those prescribed in Article 16-2 of the Standards for the Establishment of Graduate Schools

(Ordinance of the Ministry of Education, Science and Culture No. 28, 1974), and has been recognized as having academic ability equivalent or superior to that of a person with a master's degree (including a person who is expected to be recognized by March 2023).

- 7. Those designated by the MEXT (Public Notice of the Ministry of Education, Science and Culture No.118, 1989).
 - 1) Those who have graduated from a university and have been engaged in research at a university, research institute, etc. for two years or more, and who have been recognized by this Graduate School as having academic abilities equivalent or superior to those of those who hold a master's degree or a professional degree based on the results of said research.
 - 2) A person who has completed 16 years of school education in a foreign country, or has completed 16 years of school education in a foreign country by taking correspondence courses offered by a foreign school in Japan, and has been engaged in research at a university, research institute, etc. for 2 years or more, and who has been recognized by this Graduate School as having academic ability equivalent to or higher than a person with a master's degree or a professional degree based on the results of said research.
- 8. Those who have been recognized by this Graduate School as having academic ability equivalent or superior to a master's degree or a professional degree through individual screening of admission qualifications, and who will reach the age of 24 by the end of March 2023.
- Note 7 Applicants who wish to apply according to application requirement (7) or (8) will be subject to our 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 18 November(Fri.), 2022.

3. Online Application Procedures and Application Period The general flow for online applications is as follows.



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/en/portal
- 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 or image files (png, jpg, jpeg formats) 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, January 4, 2023, until 23:59 on Friday, January 13, 2023 (Japan time).
- (B) Period for receipt of documents submitted by mail From Wednesday, January 4, 2023, until Friday, January 13, 2023 (Japan time).

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

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.

| No | . Documentation | Details | Subm ission metho d |
|----|------------------------------------|--|------------------------------|
| 1 | Continuing application form and CV | Fill out the continuing /transfer application form and CV in the TAO system. | |
| 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. | А |

The GSIS students applying as continuing students

Note 8: 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 continuing students from other graduate schools of Tohoku University

| No. | Documentation | Details | Submi ssion metho d |
|-----|---|--|------------------------------|
| 1 | Continuing /transfer application form and CV | Fill out the continuing /transfer application form and CV in the TAO system. | А |

| | I | | ı |
|---|---|---|------|
| 2 | Photo ID Form | Download the prescribed Photo ID Form file from the following URL. <u>https://www.is.tohoku.ac.jp/en/entrance/exam.html</u> (Attach to the Photo ID Form one photograph of yourself (head and shoulders, no hat) taken no more than three months prior to the application.) | |
| 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. | |
| | Academic transcript (Graduate school, etc.) | Issued by your university chancellor, graduate school dean or the head of the school you last attended or equivalent | В |
| 4 | Academic transcript (University department) | Issued by your university chancellor or faculty dean. To be submitted only by those applying under (1), (2), (3), (4), (5) or (6). | В |
| 5 | TOEFL [®] Test or TOEIC [®] Test scoresheet (Note 9) | Required for applicants for general transfer-admission, 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 |
| 6 | Letter of acceptance | Written by your prospective supervisor and signed or stamped by him/her (no set format) | А |
| 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, A4 size). | AorB |

| 8 | Examination fee Please pay 30,000 yen by 12 January according to the instructions on the right, and submit the "Confirmation for Examination Fee Payment" | 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: January 12 (Thu.) [Deadline strictly observed]. 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 イカ グ 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. | Α |
|----|--|--|---|
| 9 | Certificate of residence (with status of residence clearly indicated) | ④ If you live overseas, please contact the GSIS Educational Affairs Section in advance 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 |
| 11 | Other | Applicants for the Language and Media Group (Group 5) must submit a research plan (about 2,000 words on A4 paper) in addition to the master's thesis (photocopy acceptable). | А |

Submission method:

(A) Enter or upload into the TAO system

(B) Submit by mail

Note 9: 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 MyBestTM scores.

Applicants who are required to submit the scoresheet are as follows. (For details, please refer to p.9 to p.10 (Schedule I) and p.12 to p.13 (Schedule II).)

 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 and the applicants for transfer-admission for international students. However, for groups 2, 3, 5, 6, and 7, applicants whose native language is English should contact the Educational Affairs Section of the GSIS by the last day of the application period.

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.

| No. | Documentation | Details | Submi ssion metho d |
|-----|-------------------------------------|--|------------------------------|
| 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. | А |
| 3 | Statement of purpose | Areas of interest, future goals, etc. (use A4 for printing) | А |
| 4 | Research plan | A4 size (around 2,000 characters) | А |
| 5 | Explanation of past research | Master's thesis, your workplace research achievements, etc. (use A4 for printing) | А |
| 6 | List of research achievements | List of papers and patents. (For joint work, note the percentage of your contribution.; use A4 for printing) | А |

Applicants for transfer-admission for mature students

Applicants for transfer-admission for international students

| No. | Documentation | Details | Submis sion Mmeth od |
|-----|---|---|-------------------------------|
| 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 2023. | А |
| 2 | Other | Submit papers, reports, etc., if any, that demonstrate scholastic ability. | AorB |
| 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. | А |

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.

 Continuing students from other graduate schools of Tohoku University and applicants for transferadmission for international students

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.

Applicants must select the laboratory (field) in which they wish to be assigned first by referring to the "List of Laboratories (Fields)" (p.18 - p.21) and the Graduate School website

(https://www.is.tohoku.ac.jp/en/laboratory/), and take the written and oral examinations for the specialized subject group of that laboratory (field). (See *). (Some groups do not conduct the written examination.)

The group number, laboratory number, and major are shown in Table-1. The content of the examination for each subject group is shown in p.12 to p.13 (Schedule I) and p.15 to p.16 (Schedule II).

If you are an applicant from another graduate school of Tohoku University and the faculty member who will be accepting you into the graduate school of the university is a member of the examining committee for your master's thesis, the results of your graduate school may be substituted for the written examination.

| Group Number | Name | Laboratory Codes | Department |
|-----------------|-------------------------------|---|---------------------------------------|
| 1 | Mathematics | A01-1, A01-2, A02-1, A02-2, A03, A04 | Computer and Mathematical Sciences |
| Ŧ | Mathematics | 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 |
| | | D01, D02, D04, D05, D07, D08-1, D08-2, D10, D11, D12 | 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 | Human-Social Information Sciences |
| | | D03-1, D03-2, D03-3, D09-1, D09-2 | 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 |
| U | Philosophy | D06 | Applied Information Sciences |
| 7 | Social Sciences | C07, C08, C09, C10 | Human-Social Information Sciences |

Table 1

* Aside from the above, the following examination methods can also be chosen.

Method 1: The written examination is taken in the other specialized examination subject groups. (This method may not be permitted depending on the reason why the applicant is choosing to take the examination by this method.)

- Applicants for Exam Schedule I (Groups 1, 5, 6, and 7) may not select Exam Schedule II (Groups 2, 3, and 4) as the group to take the written examination. Likewise, applicants who belong to Exam Schedule II (Groups 2, 3, 4) may not select Exam Schedule I (Groups 1, 5, 6, and 7) as the group to take the written examination.
- Since the Mathematics group (Group 1) does not have a written examination, it is not possible to select the Mathematics group as the group to take the written examination. In addition, applicants for the Mathematics group cannot choose this examination method.

- The Civil Engineering group (Group 4) and the Language and Media group (Group 5) do not have a written examination (specialized subjects), so it is not possible to select these groups as the group to take the written examination. In addition, applicants for the Civil Engineering group and the Language and Media 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 who wish to take those examination methods must contact the GSIS Educational Affairs Section and the prospective supervisor by 18 November (Fri.), 2022.

Schedule I will be held from 4 February (Sat.) to 5 February (Sun.), 2023, and Schedule II will be held from February 28 (Tue.) to March 2 (Thu.), 2023, according to the schedule on p.12 to p.17 for each subject group.

(2) Examination Venue and Time

You will be notified of the test site and details when you receive your examination voucher. For the date and time of the examinations, please refer to "Examination Schedule and Content for each Subject Group" below (p. 12 - 17).

3) Transfer-admission for mature students

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, the selection process will be based on a comprehensive evaluation 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 be placed on the relationship between the research area in which the candidate wishes to major and the applicant's previous work and research history.

The content of the examinations for each subject group is as described on p.14 (Schedule I) and p.17 (Schedule II).

5. Announcement of successful applicants

The examination code numbers of successful applicants will be posted on the website of the Graduate School at around 5:00 p.m. on 10 February (Fri.), 2023 for Schedule I, and at around 5:00 p.m. on 10 March (Fri), 2023 for Schedule II. (https://www.is.tohoku.ac.jp/)

Successful applicants will be notified of the results via the TAO system.

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 11) 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 10). Those who are eligible for this system are called "long-term students."

Inquiries about this system can be made at any time, but information about how to apply for this system will be provided in the documents regarding admission procedures that will be sent after the announcement of successful applicants.

- Note 10: 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 11: 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.

⁽¹⁾ Examination Schedule

7. Continuing and transfer-admission procedures

We will inform each applicant of continuing and transfer procedures will be provided after the issuance of the letter of acceptance.

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 |
|--------------------------------|
| (b) Tuition fee (Per Semester) |

282,000 yen (subject to change) 267,900 yen (subject to change)

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

(For both (1) and (2))

- Note 12: 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 13: Information on exemptions from entrance and/or tuition fees or permission for delayed fee payment will be provided in the documentation on continuing or transfer-admission procedures, etc., sent out after the announcement of examination results.

9. Notes

- (1) Once the application has been submitted, the applicant may not withdraw the application or change the contents of the application documents. The application documents and examination fee will not be returned.
- (2) Applicants who have made false declarations in their application documents may have their enrolment revoked even after admission.
- (3) Examination admission card can be downloaded 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: 18 November (Fri.), 2022

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. Requests for disclosure will be accepted only if the request is made by the examinee himself/herself (on the designated application form).
- (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.

November 2022

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 Content for each Subject Group

Schedule I: February 4 (Sat.) - February 5 (Sun.), 2023

[Schedule I] April 2023 **Three-year Doctoral Program: Transfer-admission for international students**

| | Group 1 Mathematics |
|-------------|--|
| Oral | Feb. 4 (Sat.) 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 (projector is available). 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 5 Languages and Media | | |
|-------------|---|--|--|
| Written | English Proficiency | | |
| Examination | 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 | February 4 (Sat.) or 5 (Sun.) The date and start time will be announced separately. | | |
| Examination | Give a 30-minute presentation on the content of the education you received at your home graduate | | |
| | school, the content of your master's thesis, and your research plan (projector is available). | | |
| | The examiners will ask questions for approximately 25 minutes. Your research plan should be | | |
| | related to the following academic fields: | | |
| | [Linguistics] morphosyntax, semantics, historical linguistics, sociolinguistics, or | | |
| | psycholinguistics. | | |
| | [Media studies] literary theory, media studies, cultural studies, educational technology, or | | |
| | information literacy. | | |
| | Bring five copies of the presentation materials (abstract, illustrations, etc. on A4 paper). | | |

| | Group 6 Psychology and Philosophy | |
|-------------|---|--|
| Written | English Proficiency | |
| Examination | 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 entra | |
| | 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 4 February (Sat.) 10:00-13:00 | |
| | Select 2 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 laboratories (cognitive psychology, human learning and | |
| | memory, visual cognition, cognitive psychology of communication) or philosophy laboratories | |
| | (philosophy of human information, philosophy of logical analysis) must select from the questions | |
| | specified in the question booklet. | |
| | If you wish to be assigned to the psychology laboratories, you will be required to produce a short | |
| | essay (topic to be indicated at the examination venue). | |

| Oral | 4 February (Sat.) or 5 February (Sat) 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, the content of your master's thesis (including those currently being written). (projector is |
| | available). 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 Proficiency | |
| Examination | Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test | |
| * | scoresheet from an examination taken, in principle, 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 4 February 10:00-13:00 | |
| | Select one of the following categories. | |
| | Sociology : Select 2 out of 4 questions from the following areas: | |
| | Theories of sociology, Sociology of local /rural community, Civil society, and | |
| | Social research methods | |
| | Politics : Select 2 out of 4 questions from the following areas: | |
| | Modern politics, Political methodology, Comparative politics, and Political consciousness, | |
| | Economics : Select 2 out of 4 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 specific subject (Social Sciences). No | |
| | change in category will be allowed after the application has been submitted. | |
| Oral | 4 February (Sat.) or 5 February (Sun.) The date and start time will be announced | |
| Examination | 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 | |
| | projectorcan 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 | |

X 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.

[Schedule I] April 2023 **Three-year Doctoral Program: Transfer-admission for mature students**

| | Group 1 Mathematics |
|-------------|---|
| Oral | February 4 (Sat) 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 (projector is available). |
| | 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 5 Languages and Media |
|-------------|---|
| Oral | 4 February (Sat.) or 5 February (Sun.) The date and starting time will be announced |
| examination | separately. Give a 30-minute presentation on your research (work) to date and your research plan (projector is available). |
| | The examiners will ask questions for approximately 25 minutes. Your research plan should be related to the following academic fields: |
| | [Linguistics] morphosyntax, semantics, historical linguistics, sociolinguistics, or psycholinguistics. |
| | [Media studies] literary theory, media studies, cultural studies, educational technology, or information literacy. |
| | Bring five copies of the presentation materials (abstracts, illustrations, etc. on A4 paper). |

| | Group 6 Psychology and Philosophy | |
|------------------|--|--|
| Short essay | 4 February (Sat.) 10:00 - 11:30 | |
| | Theme will be presented on the day. | |
| Oral examination | 4 February (Sat.) or 5 February (Sun.) The date and starting time will be announced separately. | |
| | Give a 20-minute presentation on your research (work) at your workplace and your research plan (projector is available). Bring five copies of the presentation materials (abstracts, illustrations, etc. on A4 paper). | |

| | Group 7 Social Sciences |
|-------------|--|
| Short essay | 4 February (Sat.) 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 | 4 February (Sat.) or 5 February (Sun.) The date and starting time will be announced |
| examination | separately. |
| | Give a 20-minute presentation on your research (work) at your workplace (projector is available). The examiners will ask questions for approximately 10 minutes. Bring five copies of the presentation materials (abstracts, illustrations, etc. on A4 paper). |

Schedule II: February 28 (Tue.) - March 2 (Thu.), 2023

| [Schedule II] |
|--|
| April 2023 |
| Three-year Doctoral Program: Transfer-admission for international students |

| | Group 2 | Information and Biosystems | | |
|-------------|--|---|--|--|
| Written | Basic subjects | 28 February 9:40-10:40 (Meeting time 9:00) | | |
| Examination | | | | |
| * | | Physics and informatics Select 2 out of 6 questions on electromagnetics, electrical circuits, | | |
| | | mentals of informatics 1, fundamentals of informatics 2, fundamentals of | | |
| | | cs, and fundamentals of mathematics. | | |
| | Medicine and biol | | | |
| | | mentals of general physiology, fundamentals of neuroendocrinology, | | |
| | | mentals of pathophysiology, and fundamentals of health science. | | |
| | English Proficient | | | |
| | | 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 | | |
| | | e scoresheet is the Test Taker Score Report in the case of TOEFL®Test, and | | |
| | | e Certificate in the case of TOEIC [®] Test. TOEFL iBT Home Edition score | | |
| | | ccepted. When submitting the TOEFL [®] Test Institutional Score Report, please | | |
| | | score report is sent directly from U.S. ETS and reach to the GSIS office by the | | |
| | 2 | oplication period. (For mailing, the GSIS's DI code is 2149.) Applicants whose | | |
| | | s English should contact the GSIS Educational Affairs Section on an individual | | |
| | basis. | 6 | | |
| | Note: Please enter | the subjects in which you wish to be examined (physics and informatics or | | |
| | | ogy) along with the subject group (Information and Biosystems) in the | | |
| | application form. Please refer to the relevant departments in regard to the scope of each subj | | | |
| | or check on the website at this address: | | | |
| | https://www.ecei.t | cohoku.ac.jp/ecei web/admission/ | | |
| Oral | | March 2 (Thu) The date and start time will be announced separately. | | |
| Examination | | e presentation on the content of the education you received at your home | | |
| | | or your master's thesis (including those currently being written). Bring five | | |
| | | erials related to the contents of your presentation (abstracts, illustrations, etc. | | |
| | on A4 paper). | | | |

| | Group 3 Machine and Intelligence | | |
|-------------|--|--|--|
| Written | English Proficiency | | |
| Examination | 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 TOEFL®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. Except for native English speaking applicants who are exempted from submitting score sheets, applications will not be accepted if the original score sheets cannot be submitted within the application period. However, this does not apply to applicants who submit score sheets for the TOEIC public test that can be submitted after the application period. Even in this case, if the score sheet is not submitted by the designated date, the application will be rejected. 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 "Rejected. | | |
| | Calculus, Linear Algebra, Vector Analysis | | |
| | Mathematics B February 28 (Tue.) 13:00 - 14:00 | | |
| | Ordinary differential equations, Partial differential equations, Fourier transform and series, | | |
| | Laplace transform | | |
| | Specialized Subjects February 28 (Tue.), 15:45-16:45 | | |
| | Select two subjects from the following five subjects. | | |

| | Thermodynamics, Fluid Mechanics, Materials Dynamics, Mechanical Dynamics, Control Engineering |
|-------------|--|
| | Note: As this is likely to be an online exam, please ensure that you have an internet connection and prepare a computer, web camera, and smartphone with camera function (or scanner). You will be informed when the examination voucher is sent out (early February) whether you will take the online examination or the on-site examination. March 1 (Wednesday) is a |
| | preliminary day for the mathematics and specialized subject examinations. |
| Oral | March 2 (Thu.) Meeting time will be announced separately (the oral examination may not be |
| Examination | 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) (projector is available). |
| | Bring 13 copies of the presentation materials (abstract, drawings, etc. on A4 paper). |

| | Group 4 Civil Engineering | |
|-------------|--|--|
| Oral | February 28 (Tue.) or March 1 (Wed.) The date and time of the examination will be | |
| Examination | announced separately. | |
| | 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) (projector is available). 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 Proficiency | |
| Examination | 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. | |

※ In each group, the written examination may be exempted depending on the contents of the academic transcript. However, for groups 2, 3, and 4, please make sure to submit the original score sheet of TOEFL® Test or TOEIC® Test at the time of application.

[Schedule II] April 2023 **Three-year Doctoral Program: Transfer-admission for mature students**

| Grou | Ip 2 Information and Biosystems |
|--------------------------|---|
| Oral Mare | ch 1 (Wed.) or March 2 (Thu.) The date and time of the examination will be announced |
| Examination separ | ately. |
| | a 20-minute presentation on your research (work) to date and your hopes for research admission. Bring five copies of the presentation materials (abstract, drawings, etc. on A4 |

| | Group 3 Machine and Intelligence | | | | | | |
|-------------|--|--|--|--|--|--|--|
| Oral | March 1 (Wed.) or March 2 (Thu.) The date and time of the examination will be announced | | | | | | |
| assessment | separately. | | | | | | |
| | The oral assessment will be conducted on mathematics and specialized subjects. | | | | | | |
| | The time is approximately 20 minutes. | | | | | | |
| | The range of questions is the same as the written examination in other admission category. | | | | | | |
| | The question range for Mathematics is Mathematics A (Differential and integral calculus, | | | | | | |
| | linear algebra, vector analysis) and Mathematics B (Ordinary differential equations, Partial | | | | | | |
| | differential equations, Fourier series and transform, Laplace transform). | | | | | | |
| | Applicants choose two subjects from five Specialized subjects (Thermodynamics, fluid | | | | | | |
| | mechanics, material dynamics, mechanical dynamics, and control engineering) in advance | | | | | | |
| | and are questioned on them. | | | | | | |
| Oral | March 1 (Wed.) or March 2 (Thu.) The date and time of the examination will be announced | | | | | | |
| Examination | separately. | | | | | | |
| | Give a 15-minute presentation on your research to date and your hopes for research after | | | | | | |
| | admission (projector is available). 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 | | | | | | |
| 1 | 101.022 +75 +050 | | | | | | |

| | Group 4 Civil Engineering |
|-------------|---|
| Short Essay | February 28 (Tue) 9:30 - 11:00 |
| | A theme on civil engineering |
| Oral | February 28 (Tue.) or March 1 (Wed.) The date and time of the examination will be |
| Examination | announced separately. |
| | Give a 15-minute presentation on your research and work at your place of employment |
| | (projector is available). 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). |

List of laboratories (areas) within Tohoku University Graduate School of Information Sciences 2023

[†] For details on the research, etc., at these laboratories (areas), please see the GSIS's website at: <u>https://www.is.tohoku.ac.jp/en/laboratory/</u>

| Group code | Group | Division | Laboratory (Area) | Lab. code | Staff | Department |
|---------------|----------------------------------|---------------------------------------|--|--------------|--|--|
| | | Mathematical Structures | Mathematical Structures I | A01-1 | Prof. Akihiro MUNEMASA | |
| | | | | A01-2 | Assoc. Prof. Hiroki SHIMAKURA | |
| | | | Mathematical Structures II | A02-1 | Prof. Toshiyuki SUGAWA | Computer and Mathematical Sciences |
| | | | | A02-2 | Assoc. Prof. Hajime TANAKA | |
| | | | Mathematical Structures III | A03 | Prof. Hitoshi MURAKAMI* | |
| 1 | Mathematics | | Mathematical Structures IV | A04 | Prof. Hiromi SENO | |
| | | | Mathematical | B01-1 | Prof. Masaaki HARADA | |
| | | | System Analysis I | B01-2 | Assoc. Prof. Kei FUNANO | |
| | | Mathematical System | Mathematical | B02-1 | (Currently vacant) | System Information |
| | | Analysis | System Analysis II | B02-2 | Assoc. Prof. Reika FUKUIZUMI | - Sciences |
| | | | Statistical Mathematics | B03 | Prof. Yuko ARAKI | |
| | Information and Biosystems | Applied Mathematical Science | Mathematical Informatics | A05 | Prof. Masayuki OHZEKI | Computer and |
| | | 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 | | | Firmware Science | A10 | (Currently vacant) | Mathematical Sciences |
| | | | Foundations of Software Science | 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 | |
| | | | Algorithm Theory | B04 | Prof. Xiao. ZHOU Assoc. Prof. Akira SUZUKI | |
| | | Intelligent Information Science | Intelligent Systems Science | B05 | Prof. Ayumi SHINOHARA Assoc. Prof. Ryo YOSHINAKA | |
| | | | Natural Language Processing | B06 | Prof. Kentaro INUI Assoc. Prof.Keisuke SAKAGUCHI | - |
| | | Biosystem | Information Biology | B07 | Prof. Takeshi OBAYASHI | |
| | | Information Sciences | Design and Analysis of Information Systems | B08 | Prof. Takehiro ITO Assoc. Prof. Jinhee CHUN | – System |
| | | Acoustic Information | Acoustic Information | B11 | Prof. Shuichi SAKAMOTO | Information Sciences |
| | | Visual Cognition and Systems | Visual Cognition and Systems | B12 | Prof. Satoshi SHIOIRI* 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 | |
| 2 | Information and | and Information and | Physical Fluctuomatics | D01 | Prof. Kazuyuki TANAKA | |
| | Biosystems | | Information Technology | D02 | Prof. Nei KATO Assoc. Prof. Yuichi KAWAMOTO | |
| | | | Systems Bioinformatics | D04 | Prof. Kengo KINOSHITA Assoc. Prof. Hafumi NISHI | |
| | | | Biomodeling | D05 | (Currently vacant) | Applied |
| | | Applied Intelligence Software | Applied Intelligence Software | D07 | Assoc. Prof. Toru ABE | Information Sciences |
| | | Information Network Systems | Information Network Systems | D08-1 | Prof. Takuo SUGANUMA Assoc. Prof. Takaaki MIZUKI | |
| | | | | 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 Assoc. Prof. Kimio SATO | |
|---|-----------------------------|---|--|-------|--|------------------------------------|
| | | Statistical Science for Complex systems | Statistical Science for Complex systems | D12 | Prof. Atsushi YOSHIMOTO Assoc. Prof. Fumikazu MIWAKEICHI Assoc. Prof. Shinsuke KOYAMA | |
| | | Applied Mathematical | Mathematical Modeling and | A06-1 | Prof. Satoru YAMAMOTO Assoc. Prof. Takashi | |
| | | Science | Computation | A06-2 | FURUSAWA | |
| | | Software Science and | Computer | A12-1 | Prof. Hiroaki KOBAYASHI | |
| | | Systems | Architecture | A12-2 | Assoc. Prof. Masayuki SATO | Computer and Mathematical |
| | | High Performance | High Performance | A15-1 | Prof. Hiroyuki TAKIZAWA | Sciences |
| | | Computing | Computing | A15-2 | (Currently vacant) | |
| | | Advanced Computing Systems | Advanced | A19-1 | Prof. Kentaro SANO | |
| | Machine and Intelligence | | Computing Systems | A19-2 | Prof. Mitsuhisa SATO | |
| 3 | | | Image Analysis | B09 | Prof. Takayuki OKATANI | |
| | | | Intelligent Control Systems | B10-1 | Prof. Koichi HASHIMOTO | System Information Sciences |
| | | | | B10-2 | Assoc. Prof. Shingo KAGAMI | |
| | | | Integrated Fluid Informatics | B14 | Prof. Jun ISHIMOTO | |
| | | Information and Applied Technology Flow System | Human-Robot Informatics | D03-1 | Prof. Satoshi TADOKORO** | Applied Information Sciences |
| | | | | D03-2 | Assoc. Prof. Masashi KONYO | |
| | | | | D03-3 | Assoc. Prof. Kenjiro TADAKUMA | |
| | | | Flow System | D09-1 | Prof. Yuji HATTORI | |
| | Civil Engineering | Informatics | Informatics Transportation and Geographic Information Science | D09-2 | Assoc. Prof. Makoto HIROTA | |
| | | | | C11-1 | Prof. Takamasa IRYO | |
| 4 | | | | C11-2 | Assoc. Prof. Ryo INOUE | |
| | | | Regional and Urban Planning | C12-1 | Prof. Tatsuhito KONO | Human-Social |
| | | | | C12-2 | Assoc. Prof. Junya FUKUMOTO | Information Sciences |
| | | | Road Transportation and Traffic | C13-1 | Prof. Takashi AKAMATSU | |
| | | | | C13-2 | Assoc. Prof. Yusuke HARA | |
| 5 | Languages and Media | and Information | Language and Information Science | C01 | (Currently vacant) | Human-Social |
| | | | Verbal Text Analysis | C06 | Prof. Yoshiki OGAWA | Information Sciences |

| | | Media and | Media and Culture | C14 | Assoc. Prof. Naoko MORITA Senior Assis. Prof. Kuniko SAKATA | |
|---|---------------------------------|--|---|-----|--|------------------------------------|
| | | Information Science | Media and Information Literacy | C15 | Prof. Tatsuya HORITA Assoc. Prof. Toru NAGAHAMA | |
| | | | Human Learning and Memory | C02 | Assoc. Prof. Chihiro HOSODA | |
| | Psychology and Philosophy | | Cognitive Psychology | C03 | Prof. Kazumichi MATSUMIYA Assoc. Prof. Yuichi WADA | Human-Social |
| | | | Philosophy of Human Information | C04 | Prof. Ichiro MORI | Information Sciences |
| 6 | | | Philosophy of Logical Analysis | C05 | (Currently vacant) | |
| | | | 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 | Assoc. Prof. Naoya FUJIWARA | |

* Teaching staff due to retire in March, 2024. ** Teaching staff due to retire in March, 2025.