Tohoku University
Graduate School of Information Sciences
Two-Year Master's Program Admission Guidelines
(April 2022 Admissions)

Examination Schedule:
[Schedule I]   (Group 1, 5, 6, 7): 29 January (Sat.) - January 30 (Sun.), 2022
[Schedule II]   (Group 2, 3, 4): 28 February (Mon.) - March 2 (Wed.), 2022

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

Department	Number of students to be admitted			
	General Admission (Note1)	Early Graduates Admission (Note 1)	Mature Students Admission (Note 2)	International Students Admission (Note 3)
Computer and Mathematical Sciences	Limited	Limited	Limited	Limited
System Information Sciences				
Human-Social Information Sciences				
Applied Information Sciences				

Note 1: For details regarding the information about the General Admission and Early Graduates Admission, please refer to the Japanese version of the guidelines.

Note 2: 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 3: 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 4: 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 5: All international students and mature students must engage in prior consultation with their prospective supervisors to discuss their post-admission research plans.

2. Application requirements

In order to apply as applicants, prospective students must satisfy at least one of the following prerequisites:

(1) University graduates (including those who are expected to graduate by the end of March 2022).

(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 March 2022).

(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 March 2022).

(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 March 2022).

(5) Those who have completed a university program 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 March 2022).

(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 March 2022).

(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 March 2022).

(8) Those designated by the MEXT (please refer to Public Notice of the Ministry of Education, Science and Culture No.5, 1953).

(9) Those who have been admitted to the graduate school of another university according to Article 102 (2) of the School Education Act, and in the opinion of this Graduate School, have attained a sufficient standard of achievement.

(10) Those who have been individually screened for admission by this Graduate School and have been recognized as having academic abilities equivalent or superior to those of university graduates, and who will reach the age of 22 by the end of March 2022.

Note 6: The application qualifications stipulated under Article 102 (2) of the School Education Act and Article 11 (9) of Tohoku University Graduate School General Rules 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 7: Applicants who wish to apply according to application requirement (6) should contact the GSIS Educational Affairs Section in advance.

Note 8: Applicants who wish to apply according to application requirement (9) or (10) 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 8 December (Tue.), 2021.

3. Application deadlines

The application period is from **4 January (Tue.), 2022** to **11 January (Tue.), 2022.**

Hours of operation at the counter are from 9:00 a.m. to 4:30 p.m. (except for the hours from 12:00 a.m. to 1:00 p.m.), excluding Saturdays, Sundays, and holidays.

If you send your application by mail, please use an application envelope and send it by registered express mail. In the case of mailing the application form, the envelope must arrive no later than the last day of the application period.

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

4. Application procedure

The documents necessary for application are as follows.

No.	Document Type	Details
1	Application form and CV	Use the form designated by the GSIS.
2	Supervisor request	Use the form designated by the GSIS.
3	Examination admission card and photo ID card	Use the form designated by the GSIS. (Attach to the photo ID card one photograph of yourself (head and shoulders, no hat) taken no more than three months prior to the application.)
4	One of the followings: Certificate of (expected) graduation, Certificate of (expected) degree conferral,	- Certificate of (expected) graduation issued by your university chancellor or faculty dean

	Certificate of (scheduled) application for degree Certificate of (expected) Completion	- Certificate of (expected) bachelor's degree issued by the NIAD-QE - Certificate of (scheduled) application for degree issued by your two-year college or technical school chair, etc. - Certificate of (expected) completion issued by the head of the school you last attended
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 9)	Required for applicants for international student admission of Mathematics (Group 1), and for applicants for general admission and international student admission 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.
7	Confirmation of Application Fee Payment The amount of 30,000 yen must be paid by January 7 (Fri.) according to the instructions.	①Please 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 7 (Fri.) [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)トウホクダイガク ②MEXT 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. ③Please contact the GSIS Educational Affairs Section in advance if you live overseas and find it very difficult to make a transfer to the above financial institutions.
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.
9	Return envelope for examination admission card	Use the envelope designated by the GSIS. (Clearly write name, address and postcode and attach a 384 yen stamp.)
10	Envelope for official correspondence	Use the envelope designated by the GSIS. (Clearly write name, address and postcode and attach a 780 yen stamp.)
11	Envelope for application	Use the envelope designated by the GSIS. (This envelope must be submitted even if you apply at the counter)
12	Other	Thesis, report, etc. that demonstrates your academic ability also need to be submitted. Applicants to the Language and Media Studies Group (Group 5) (excluding applicants for the Mature Students Admission Program) must submit a research plan (about two A4-size pages) and a copy of the graduation thesis (including the one to be submitted). (If the thesis is written in a language other than Japanese

		or English, an abstract written in Japanese or English must also be submitted). A research paper (about 10,000 words in Japanese, or about 10 A4 pages in English) may be submitted in place of the graduation thesis.

Note 9: We accept a score of any of the following publicly offered standardized tests: TOEFL-iBT®Test, TOEFL-PBT®Test or TOElC®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™ 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 admission and the applicants for international student admission.

    However, for groups 2, 3, 5, 6, and 7, applicants whose native language is English should contact the Educational Records and Programs Section of the Graduate School of Information Sciences by the last day of the application period.

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Additional documentation to submit:
[The applicants for mature student admission]

No.	Document Type	Details
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.
2	Employment certificate or equivalent	An employment certificate about the employment period, content of work, and position (no set format, but company seal, or equivalent are required) issued by the head of your division.
3	Letter of acceptance	Written by your prospective supervisor and signed or stamped by him/her (no set format)
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)

[The applicants for international student admission]

No.	Documentation	Details
1	Letter of acceptance	Written by your prospective supervisor and signed or stamped by him/her (no set format)
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 March 2022) from a university in Japan.
3	Government scholarship certificate	For international students on Japanese government (MEXT) scholarships at other universities, submit a MEXT scholarship certificate issued by their university.
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.

5. 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. Please refer to p.9 - p.14 regarding the details of the examination requirements for each subject group.

1) International Students Admission

Applicants must select the laboratory (field) in which they wish to be assigned first by referring to the "List of Laboratories (Fields)" (p.15 - p.18) 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.)

Subject group codes, laboratory codes and departments are shown in Table 1.

The content of the examination for each subject group is shown in p.9 to p.10 (Schedule I) and p.12 to p.13 (Schedule II).

Table 1

Group Number	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
2	Information and Biosystems	A05, A07, A08, A09, A10, A11, A13, A14, A16, A17, A18	Computer and Mathematical Sciences
		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
3	Machine and Intelligence	A06−1, A06−2, A12−1, A12−2, A15−1, A15−2, A19−1, A19−2	Computer and Mathematical Sciences
		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 Philosophy	C02, C03, C04, C05, C16	Human-Social Information Sciences
		D06	Applied Information Sciences
7	Social Sciences	C07, C08, C09, C10	Human-Social Information Sciences

* 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.
    - Applicants for Exam Schedule I (Groups 1, 5, 6, and 7) cannot select Exam Schedule II (Groups 2, 3, and 4) as the group to take the written examination. Likewise, applicants for Exam Schedule II (Groups 2, 3, 4) cannot 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 Language and Media group (Group 5) does not have a written examination (specialized subjects), so it is not possible to select the Language and Media group as the group to take the written examination. In addition, applicants for 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 8 December (Wed), 2021.

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, 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.11 (Schedule I) and p.14 (Schedule II).

6. Examination Schedule and Venue

(1) Examination Schedule

Schedule I will be held from 29 January (Sat.) to 30 January (Sun.), 2022, and Schedule II will be held from February 28 (Mon.) to March 2 (Wed.), 2022, according to the schedule on p.9 to p.14 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. 9 - 14).

7. 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 4 February (Fri.), 2022 for Schedule I, and at around 5:00 p.m. on 4 March (Fri), 2022 for Schedule II. (https://www.is.tohoku.ac.jp/)

Successful applicants will be notified of the results in an envelope for administrative purposes.

8. 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.

9. Admission procedures
    Details of the admission procedure will be provided after the issuance of the letter of acceptance.

10. 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 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 admission procedures sent out after the announcement of examination results.

11. 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) When mailing the application form, please use the application envelope and send it by registered express mail.
   (4) If you have not received an examination admission card 10 days before the entrance examination, please contact the GSIS Educational Affairs Section.
   (5) 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: 8 December (Wed.), 2021
        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)
   (6) When requesting application documents by mail, please enclose a self-addressed envelope (No. 2 size, or approximately 34 cm x 24 cm) on which your name, address, postal code, and the type of application materials required (admission categories) are clearly written and a 250 yen stamp (*) attached. If you require a brochure explaining details of the school's program, clearly write your request in red ink on a request envelope and enclose a self-addressed envelope (same size as above) with a 390 yen stamp (*) attached.
    * If you need more than one copy, or if you wish to have it sent by express mail, please contact the GSIS Educational Affairs Section.
   (7) We will disclose the entrance examination results only to those who took the entrance exam of Graduate School of Information Sciences on 2022. 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).
   (8) Handling of personal information
    (i) Personal information gathered in the course of admission screening will be used solely for the purposes of conducting admission screening, admission procedures, providing support after admission (scholarships, tuition fee exemptions, health management, etc.), education (educational guidance, etc.), and administrative activities such as collecting tuition fees.

(ii) Personal information gathered in the course of admission screening will be handled strictly in compliance with "the Law for the Protection of Personal Information Retained by Independent Administrative Institutions," and "the Act on the Protection of Personal Information of Tohoku University," and will not be disclosed or released to third parties without the consent of the person concerned.

(iii) By applying to the Graduate School of Information Sciences, Tohoku University, you are deemed to have agreed to the above statement.

(9) 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 2021

Educational Affairs Section
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About the October Admission System
The recruitment requirements for mature students and international student applicants for the October admissions system will be announced in the first half of June of 2022 along with other student application guidelines.

Examination Schedule and Content for each Subject Group

Schedule I: January 29 (Sat.) - January 30 (Sun.), 2022

[Schedule I]
April 2022
Two-Year Master's Program: International student admission

	Group 1	Mathematics
Oral Examination	**Jan. 29 (Sat.)** Start time will be announced separately. Give a 15-minute presentation on your graduation research (planned) at your home university 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 Examination ※	*English Proficiency* 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 Examination	**January 29 (Sat.) or 30 (Sun.)** The date and start time will be announced separately. Give a 30-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 (projector is available). Bring five copies of the presentation materials (abstract, illustrations, etc. on A4 paper).	

	Group 6	Psychology and Philosophy
Written Examination ※	*English Proficiency* 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 **29 January (Sat.) 10:00-13:00** Select 3 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.	
Oral Examination	**29 January (Sat.) or 30 January (Sat)** The date and start time will be announced separately. Give a 20-minute presentation on the content of the education you received at your home university, the content of your graduation thesis (including those currently being written). (projector is available.) Bring five copies of the presentation materials (abstract, illustrations, etc. on A4 paper).	

(continue...)

(...continued)

	Group 7 Social Sciences
Written Examination ※	*English Proficiency* 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 **29 January 10:00-13:00**
	Select one of the following categories.
	    Sociology : select 3 out of 5 questions from the following areas: the history of sociology, contemporary society, sociology of local community, civil society, and social research methods
	    Politics : select 3 out of 5 questions from the following areas: political consciousness, modern political thought, public administration, political processes, political systems, and comparative politics
	    Economics : select 3 out of 5 questions from the following areas: microeconomics, macroeconomics, urban economics, regional economics, statistics, econometrics, and mathematics for economics
	Answers may be given in English. A calculator will be provided by the examiner if necessary.
	
	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 Examination	**29 January (Sat.) or 30 January (Sat)** The date and start time will be announced separately. Give a 20-minute presentation on the content of the education you received at your home university, the content of your graduation thesis (including those currently being written). (projector is available.) 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.

※ 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 2022
Two-Year Master's Program: Mature student admission

	Group 1	Mathematics
Oral examination	**January 29 (Sat)** Start time will be announced separately. Give a 15-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 examination	**29 January (Sat.) or 30 January (Sun.)** The date and starting time will be announced separately. Give a 30-minute presentation on your research (work) at your home university or workplace and your research plan (projector is available). Bring five copies of the presentation materials (abstracts, illustrations, etc. on A4 paper).	

	Group 6	Psychology and Philosophy
Short essay	**29 January (Sat.) 10:00 - 11:30** Theme will be presented on the day.	
Oral examination	**29 January (Sat.) or 30 January (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	**29 January (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 examination	**29 January (Sat.) or 30 January (Sun.)** The date and starting time will be announced 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 (Sat.) - March 2 (Sun.), 2022

[Schedule II]
April 2022
Two-Year Master's Program: International student admission

	Group 2	Information and Biosystems
Written Examination ※	**Basic subjects** 28 February 9:40-10:40 (Meeting time 9:00) *Physics and informatics* Select 2 out of 6 questions on electromagnetics, electrical circuits, fundamentals of informatics 1, fundamentals of informatics 2, fundamentals of physics, and fundamentals of mathematics. *Medicine and biology* Select 2 out of 5 questions on fundamentals of molecular biology, fundamentals of general physiology, fundamentals of neuroendocrinology, fundamentals of pathophysiology, and fundamentals of health science.	
	English Proficiency 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 **1 March 9:40-10:40 (Meeting time 9:00)** *Physics and informatics* Select 2 out of 6 questions on electrical engineering, communication engineering, electronic engineering, computers 1, computers 2, specialized physics. *Medicine and biology* Select 2 out of 5 questions on specialized molecular biology, specialized general physiology, specialized neuroendocrinology, specialized pathophysiology, and specialized health science.	
	Note: Please enter the subjects in which you wish to be examined (physics and informatics or medicine and biology) 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 subject, or check on the website at this address: http://www.ecei.tohoku.ac.jp/ecei_web/admission/	
Oral Examination	**March 1 (Tue) or March 2 (Wed)** The date and start time will be announced separately. 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 Examination ※	**English Proficiency** 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. 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.	
	Mathematics A **February 28 (Mon.) 9:30-10:30 (Meeting time 8:50)** Calculus, Linear Algebra, Vector Analysis	

	***Mathematics B** February 28 (Mon.) 13:00 - 14:00* Ordinary differential equations, Partial differential equations, Fourier transform and series, Laplace transform
	***Specialized Subjects** February 28 (Mon.), 15:45-16:45* (Select 2 subjects from the following 5 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 (Tuesday) is a preliminary day for the mathematics and specialized subject examinations.
Oral Examination	**March 2 (Wed.)** 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) (projector is available). 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.

	Group 4	Civil Engineering
Written Examination ※	***English Proficiency*** 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.)	
	***Basic Subjects** February 28 (Mon.), 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** February 28 (Mon.), 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 Examination	**February 28 (Mon)** or **March 1 (Tue)** The date and time of the examination will be announced separately. 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.	

※ 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 2022
Two-Year Master's Program: Mature student admission

	Group 2	Information and Biosystems
Oral Examination	**March 1 (Tue.) or March 2 (Wed.)** The date and time of the examination will be announced separately. 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 Examination	Choose 2 out of the following 7 subjects: Mathematics A, Mathematics B, and 5 Specialized subjects. (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 **February 28 (Mon.) 9:30 - 10:30 (Meeting Time: 8:50)** Differential and integral calculus, linear algebra, vector analysis	
	Mathematics B **February 28 (Mon.） 13:00 - 14:00** Ordinary differential equations, Partial differential equations, Fourier series and transform, Laplace transform	
	Specialized subjects **February 28 (Mon.) 15:45 - 16:45** Thermodynamics, fluid mechanics, material dynamics, mechanical dynamics, and 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 (Tuesday) is a preliminary day for the mathematics and specialized subject examinations.	
Oral Examination	**March 2 (Wed.)** 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 your research to date and your research plan (projector is available). Bring 13 copies of the presentation materials (abstract, drawings, etc. on A4 paper). English proficiency may be required.	

	Group 4	Civil Engineering
Short Essay	**February 28 (Mon) 9:30 - 11:00** A theme on civil engineering	
Oral Examination	**February 28 (Mon) or March 1 (Tue)** The date and time of the examination will be announced separately. Give a 10-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 research plan. 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 2022
* For details on the research, etc., at these laboratories (areas), please see the GSIS's website at:
  https://www.is.tohoku.ac.jp/en/laboratory/

Group code	Group	Division	Laboratory (Area)	Lab. code	Staff	Department
1	Mathematics	Mathematical Structures	Mathematical Structures I	A01-1	Prof. Akihiro MUNEMASA	Computer and Mathematical Sciences
				A01-2	Assoc. Prof. Hiroki SHIMAKURA	
			Mathematical Structures II	A02-1	Prof. Toshiyuki SUGAWA	
				A02-2	Assoc. Prof. Hajime TANAKA	
			Mathematical Structures III	A03	Prof. Hitoshi MURAKAMI**	
			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	Prof. Nobuaki OBATA*	
				B02-2	Assoc. Prof. Reika FUKUIZUMI	
			Mathematical System Analysis III	B03	(Currently vacant)	
2	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 Asoc. Prof. Koichi ITO	
			Intelligent Integrated Systems	A09	Prof. Masanori HARIYAMA Assoc. Prof. Hasitha Muthumala WAIDYASOORIYA	
		Software Science and Systems	Firmware Science	A10	(Currently vacant)	
			Foundations of Software Science	A11	Prof. Eijiro SUMII Assoc. Prof. Kazutaka MATSUDA	
		Logic for Information Science	Logic for Information Science	A13	Prof. Keisuke NAKANO	
		Communication Theory	Communication Theory	A14	Prof. Go HASEGAWA Assoc. Prof. Gen KITAGATA	
		Information Security	Information Security	A16	Prof. Hiroki SHIZUYA* 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	Algorithm Theory	B04	Prof. Xiao. ZHOU Assoc. Prof. Akira SUZUKI	System Information Sciences
			Intelligent Systems Science	B05	Prof. Ayumi SHINOHARA Assoc. Prof. Ryo YOSHINAKA	
			Natural Language Processing	B06	Prof. Kentaro INUI	
		Biosystem Information Sciences	Information Biology	B07	(Currently vacant)	
			Design and Analysis of Information Systems	B08	Prof. Takehiro ITO Assoc. Prof. Jinhee CHUN	
		Acoustic Information	Acoustic Information	B11	Prof. Shuichi SAKAMOTO	
		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)	
2	Information and Biosystems	Fundamental Artificial Intelligence	Fundamental Artificial Intelligence	B16	Prof. Jun SUZUKI	
		Information and Applied Technology	Physical Fluctuaomatics	D01	Prof. Kazuyuki TANAKA	Applied Information Sciences
			Information Technology	D02	Prof. Nei KATO Assoc. Prof. Yuichi KAWAMOTO	
		Applied Informatics for Human and Life Sciences	Systems Bioinformatics	D04	Prof. Kengo KINOSHITA Assoc. Prof. Takeshi OOBAYASHI Assoc. Prof. Hafumi NISHI Assoc. Prof. Kazunori YAMADA	
			Biomodeling	D05	(Currently vacant)	
		Applied Intelligence Software	Applied Intelligence Software	D07	Assoc. Prof. Toru ABE	
		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	
3	Machine and Intelligence		Applied Mathematical Science	Mathematical Modeling and Computation	A06-1	Prof. Satoru YAMAMOTO	Computer and Mathematical Sciences
					A06-2	Assoc. Prof. Takashi FURUSAWA	
			Software Science and Systems	Computer Architecture	A12-1	Prof. Hiroaki KOBAYASHI	
					A12-2	Assoc. Prof. Masayuki SATO	
			High Performance Computing	High Performance Computing	A15-1	Prof. Hiroyuki TAKIZAWA	
					A15-2	(Currently vacant)	
			Advanced Computing Systems	Advanced Computing Systems	A19-1	Prof. Kentaro SANO	
					A19-2	Prof. Mitsuhisa SATO	
			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	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 Informatics	Flow System Informatics	D09-1	Prof. Yuji HATTORI	
					D09-2	Assoc. Prof. Makoto HIROTA	
4	Civil Engineering	Infrastructure Planning		Transportation and Geographic Information Science	C11-1	Prof. Takamasa IRYO	Human-Social Information Sciences
					C11-2	Assoc. Prof. Ryo INOUE	
				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	

5	Languages and Media	Human Information Science	Language and Information Science	C01	(Currently vacant)	Human-Social Information Sciences
			Verbal Text Analysis	C06	Prof. Yoshiki OGAWA	
		Media and Information Science	Media and Culture	C14	Assoc. Prof. Naoko MORITA Senior Assis. Prof. Kuniko SAKATA	
			Media and Information Literacy	C15	Prof. Tatsuya HORITA Assoc. Prof. Toru NAGAHAMA	
6	Psychology and Philosophy	Human Information Science	Human Learning and Memory	C02	(Currently vacant)	Human-Social Information Sciences
			Cognitive Psychology	C03	Prof. Kazumichi MATSUMIYA Assoc. Prof. Yuichi WADA	
			Philosophy of Human Information	C04	Prof. Ichiro MORI	
			Philosophy of Logical Analysis	C05	(Currently vacant)	
		Cognitive Psychology of Communication	Cognitive Psychology of Communication	C16	Prof. Toshiaki MURAMOTO	
		Applied Informatics for Human and Life Sciences	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	Human-Social Information Sciences
			Political Informatics	C08	Assoc. Prof. Kazunori KAWAMURA Assoc. Prof. Masaaki HIGASHIJIMA	
		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	

* Teaching staff due to retire in March, 2023.
** Teaching staff due to retire in March, 2024.