

2021 Academic Year

Application for Spring Enrollment in Master's Program

(for entry in April 2021)

Regular Program for Incoming Students from Other Schools
(Secondary recruitment)

Special Selection Program for Working Adults

Special Selection Program for Foreign Students

October 2020

Graduate School of Engineering, Tohoku University

○ **Admission Policy**

The Graduate School of Engineering welcomes prospective students who share the School's educational objectives and goals. They should have the following academic skills and abilities that are necessary to acquire knowledge and skills outlined in the curriculum policy:

1. Basic academic skills to learn engineering;
2. Logical thinking ability to solve problems; and
3. Language proficiency to adapt to global educational and research environment and to succeed in the world.

○ **Educational Objectives and Goals**

Staying true to the Tohoku University's traditional spirit of "Research First," "Open Doors," and "Practice-Oriented Research and Education," the Graduate School of Engineering is committed to achieving its educational objectives. One of these objectives is to develop researchers who act based on profound knowledge and broad perspective about nature and human beings, perform their research in an ethical, purposeful, and self-directed way to build safe, secure, and affluent society, and possess abundant creativity and high research skills that enable them to play a leading role in the future development and innovation of scientific technologies. Another educational objective of the School is to produce core technical experts who are equipped with not only a high-level of technical expertise but also a long-term vision and global viewpoint, and capable of making contributions to the sustainable development of our society.

Specifically, the educational goal of the Master's Degree Program is to endow students with a broad range of basic academic and language skills that are needed for the performance of research, as well as abilities to develop their research subjects by using unique ideas and present research theses at a public occasion. They are also expected to have basic skills and advanced techniques to perform a research or provide a research and technical guidance in their field of expertise.

○ **Diploma Policy**

The Graduate School of Engineering, Tohoku University, will award a master's degree in engineering to students who pass a review of master's thesis or research results on a particular subject as well as the final examination. Students are also required to remain enrolled for a specific period of time, study a set of subjects that are offered in accordance with the School's educational objectives and goals, earn a specified number of credits, and demonstrate a high-level of ethical awareness and sense of responsibility, in addition to the following knowledge and skills:

1. A broad range of basic knowledge and academic skills that help students understand and explore the essence of their research subjects;
2. Profound knowledge about their fields of expertise;
3. Interdisciplinary knowledge relating to their fields of expertise;
4. System design skills obtained through the integration of knowledge outside their fields of expertise;
5. Skills to determine a research subject and solve issues;
6. Advanced skills to perform, apply, and develop their researches;
7. Language proficiency to perform their researches; and
8. Basic skills to provide research or technical guidance.

○ **Curriculum Policy**

The Graduate School of Engineering, Tohoku University, provides education according to the following policy to ensure that students can acquire knowledge and skills required under the diploma policy:

1. Help students acquire a broad range of knowledge, advanced technical expertise, and interdisciplinary knowledge relating to their fields of expertise that are necessary to understand the essence of their research subjects and perform their researches;
2. Enable students to acquire advanced skills to work on their research subjects and develop the subjects by using unique ideas; and
3. Provide students with language proficiency that are necessary to perform their researches and make presentations of the research results.

1. Departments and Admission Quotas

- Regular Program for Incoming Students from Other Schools (Secondary recruitment)

Department	Quota
Quantum Science and Energy Engineering	A few
Applied Chemistry Chemical Engineering Biomolecular Engineering	16
Management Science and Technology	5

- Special Selection Program for Working Adults
- Special Selection Program for Foreign Students

Department	Quota		Department	Quota	
	Working Adults	Foreign Students		Working Adults	Foreign Students
Mechanical Systems Engineering	A few	A few	Applied Chemistry	A few	A few
Finemechanics	"	"	Chemical Engineering	"	"
Robotics	"	"	Biomolecular Engineering	"	"
Aerospace Engineering	"	"	Metallurgy	"	"
Quantum Science and Energy Engineering	"	"	Materials Science	"	"
Electrical Engineering	"	"	Materials Processing	"	"
Communications Engineering	"	"	Civil and Environmental Engineering	"	"
Electronic Engineering	"	"	Architecture and Building Science	"	"
Applied Physics	"	"	Management Science and Technology	"	"

2. Qualifications for Application

- Those eligible to apply for the Regular Program for Incoming Students from Other Schools (Secondary recruitment) are, for whom any of qualifications (1) to (10) below is true.

- Those eligible to apply for the Special Selection Program for Working Adults are, in principle, those who after graduating from university have worked for at least two years as engineers, instructors, researchers or the like at the time of enrollment, and for whom any of qualifications (1) to (10) below is true.
- Those eligible to apply for the Special Selection Program for Foreign Students are those who have received a university education in Japan as foreign students or in an overseas university, and for whom any of qualifications (2) to (10) below is true. However, foreign students who have graduated from a Japanese university or expect to graduate by March 2021 may also apply.

The applicant must:

- (1) Have graduated from university or expect to graduate by March 2021.
- (2) Have received a bachelor's degree under Article 104 Paragraph 4 of the School Education Law of Japan, or expect to receive such a degree by March 2021.
- (3) Have completed a 16-year curriculum of school education overseas, or expect to complete such education by March 2021.
- (4) Have completed a 16-year curriculum of school education in Japan by taking correspondence courses offered by schools outside Japan, or expect to complete such education by March 2021.
- (5) Have completed a university education by taking courses designated by the Minister of Education, Culture, Sports, Science and Technology in an educational institution in Japan recognized as adopting the educational system of a foreign country and having the curriculum of that country (only when the person completing that education is regarded as having completed 16 years of that country's education), or expect to complete such education by March 2021.
- (6) 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 Minister of Education) 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) or expect to receive such a degree by March 2021.
- (7) Have completed a specialized course of a special training school designated by the Minister of Education, Culture, Sports, Science and Technology (only when the schooling is at least four years in length and other criteria stipulated by the Minister are met), on or after the date stipulated by the Minister, or expect to complete such course by March 2021.
- (8) Have been designated as eligible by the Minister of Education, Culture, Sports, Science and Technology under ministerial ordinance No. 5 of 1953.
- (9) Have been admitted to the graduate school of another university in accord with Article

102 Paragraph 2 of the School Education Law and is recognized by this Graduate School as having suitable academic ability for study in this program.

- (10) Be aged 22 or above and, through individual admission qualification screening, be recognized by this Graduate School as having achieved at least the equivalent academic abilities of a university graduate.

Note 1: Applicants who are employed by Tohoku University should contact the Graduate Academic Affairs Section, Graduate School of Engineering in advance.

Note 2: Applicants should contact the head of the department in which they expect to major in advance regarding their research plans after enrollment.

Note 3: Applicants applying under qualification (6) should contact the Graduate Academic Affairs Section, Graduate School of Engineering in advance.

Note 4: Applicants applying under qualifications (9) to (10) will need to undergo admission qualification screening. Please contact the Graduate Academic Affairs Section, Graduate School of Engineering in advance.

3. Period for Submission of Application

Applications should be submitted from Monday, January 4 to Friday, January 8, 2021, during the office hours from 9:00 a.m. to 4:00 p.m. (not including 11:45 a.m. to 1:00 p.m.).

All application documents must be reached to the office by the last day of the above period. **(Applications will not be accepted on Saturdays, Sundays, or national holidays.)**

Submit in person or mail to:

Graduate Academic Affairs Section
Graduate School of Engineering
Tohoku University
6-6-04 Aramaki Aza Aoba, Aoba-ku, Sendai, Miyagi 980-8579, Japan

4. Application Documents

Applicants should prepare the following documents and submit them during the above time frame.

The certification documents must be either in Japanese or English. If the documents cannot be issued in either language, please attach a Japanese or English translation, which is officially issued by the same institution that issued the certification documents.

Please contact the Graduate Academic Affairs Section beforehand in case the above requirement cannot be fulfilled.

***Replacement or renewal of submitted application documents are not accepted.**

***Withdrawal of application is not accepted after its submission.**

***Tohoku University does not accept copies digital files, or printouts of digital files as original documents.**

* When you fill in application documents, please use a black pen (using pencils or erasable pens by friction are not allowed).

*If you declare a false information to the application forms, your admission will be revoked even after enrollment.

Required documents	Notes
Application for admission	Use an official application form for this Graduate School.
*1 Written recommendation	<p>Prepared by the faculty member under whom you expect to study, using an official form of this Graduate School. (If a recommendation cannot be submitted, instead submit a letter of acceptance by the faculty member.) (Please be sure to submit a letter of recommendation those who apply for the Department of Metallurgy, Materials Science, or Materials Processing)</p> <p>(Not necessary for those applying for the department of Quantum Science and Energy Engineering, Applied Chemistry, Chemical Engineering, Biomolecular Engineering or Management Science and Technology under the Regular Program for Incoming Students from Other Schools (Secondary recruitment)).</p>
Undergraduate transcript	Issued by the dean of the university from which you graduated. (Not required if currently a student of the School of Engineering of this university.)
<p>Original of TOEFL®Test /TOEIC® Public Test score sheets</p> <p>Valid tests: TOEFL®Test PBT , TOEFL iBT®Test ,, TOEIC® Public Test (Listening & Reading Test)</p>	<p>Should be submitted by applicants corresponding to the following categories (1) to (3);: not necessary for those applying to the Applied Chemistry, Chemical Engineering, or Biomolecular Engineering departments.</p> <p>(1) Those applying under the Special Selection Program for Foreign Students to study in Mechanical Systems Engineering , Finemechanics, Robotics, Aerospace Engineering, Quantum Science and Energy Engineering, Electrical Engineering, Communications Engineering, Electronic Engineering, Applied Physics, Metallurgy, Materials Science, Materials Processing, Civil and Environmental Engineering, Architecture and Building Science or Management Science and Technology.</p> <p>(2) Those applying under the Special Selection Program for Working Adults for study in Metallurgy, Materials Science, or Materials Processing.(3) Those applying for the department of Quantum Science and Energy Engineering or Management Science and Technology under the Regular Program for Incoming Students from Other Schools (Secondary recruitment).</p> <p><u>Submitted originals of TOEFL/TOEIC score sheets will not be returned. However TOEFL®Test “Test Taker Score Report” may be returned on the day of the entrance examination, if requested at the time of application.</u></p> <p><u>The TOEFL institution code of the Graduate School of Engineering, Tohoku University is 8958.</u></p> <p><u>*TOEFL iBT’s ”My Best™ Score” will not be used for preliminary screening at Graduate School of Engineering.</u></p> <p><u>◆When submitting a score sheet for the TOEFL, or for the 257th TOEIC public test or other TOEIC public tests conducted before the</u></p>

	<p><u>257th test:</u></p> <ul style="list-style-type: none"> • <u>Please submit all application documents, including the score sheet, within the submission period stated in "3. Period for Submission of Application."</u> <p>◆ <u>When submitting a score sheet for the 258 or 259th TOEIC public test:</u></p> <ul style="list-style-type: none"> • <u>Please submit all other application documents, except the score sheet, within the submission period stated in "3. Period for Submission of Application."</u> • <u>Please submit the score sheet to the address stated in "3. Period for Submission of Application" by Tuesday, January 19 (applications will not be accepted on Saturdays, Sundays, or national holidays). When submitting the score sheet, any envelope may be used. Please mark the envelope "Contains Score Sheet," and record the department or specialty for which you are applying on the back of the score sheet.</u> <p><u>(Note) Score sheets may not be replaced with more recent test results once submitted.</u></p> <p><u>Example: You may not resubmit a different score sheet for the 258th TOEIC public test after submitting a score sheet for the 257th TOEIC public test.</u></p> <p><u>(Note) Score sheets which can be submitted outside of the submission period are limited to score sheets for the 258 or 259th TOEIC public tests.</u></p> <p><u>Example: You may not submit a score sheet for the 257th TOEIC public test or a score sheet for the TOEFL outside of the submission period stated in "3. Period for Submission of Application."</u></p> <p><u>(Note) There are required scores for those applying under the Special Selection Program for Foreign Students to study in the Mechanical Systems Engineering, Finemechanics, Robotics, and Aerospace Engineering. For details, please see the appendix.</u></p> <p><u>* Applicants with a letter of permission (in any format) from the faculty member under whom they expect to study may submit a score sheet for the 257th TOEIC public test or other TOEIC public tests conducted before the 257th test outside of the stated submission period, or may be exempted from submitting a score sheet. Not applicable for those applying for the department of Quantum Science and Energy Engineering, Applied Chemistry, Chemical Engineering, Biomolecular Engineering or Management Science and Technology under the Regular Program for Incoming Students from Other Schools (Secondary recruitment).</u></p> <p>*TOEFL, TOEFL iBT, TOEFL ITP, and TOEIC are registered trademarks of Educational Testing Service (ETS).</p>
Certificate of (expected) completion or of degree conferral	Issued by the dean of the university from which the applicant has graduated or by the NIAD (National Institution for Academic Degrees and University Evaluation).

*2 Photo ID and examination admission ticket	Photo (4cm high × 3cm wide) must show upper body, facing front with no hat, and have been taken within three months of application. Attach it to the photo ID sheet.
Copy of Residence Record	Should be submitted by foreign applicants residing in Japan whose period of stay is over 90 days.(The residence record should be issued within 3 months and indicates residence status without Individual Number.)
Examination fee Please pay 30,000 yen By January 7, and submit attached "Payment Confirmation of Examination Fees"	(1)Payment should be proceeded by ATM or Internet Banking Transaction: * Sender's name should be the applicant's name in Katakana. * Copy of ATM transaction statement or evidence of Internet Banking Transaction should be affixed to the "Payment Confirmation of Examination Fees". * Bank transfer fee should be paid by the applicant. * Only domestic banking transfer is accepted. Amount(金額): 30,000 yen Payment Deadline(納入期限): January 7, 2021 Bank(銀行): Mitsubishi UFJ Bank (三菱UFJ 銀行) Bank Code: 0005 Branch(支店): Wakatake-shiten(わかたけ支店) Branch Code: 809 Account Type(預金種別): Futsuu(普通) Account Number(口座番号): 2259225 Account Holder(口座名義): Kokuritsu Daigaku-houjin Tohokudaigaku(国立大学法人東北大学) Account Holder in Kana(カナ): タ`イトウホクダ`イガク (2) MEXT scholarship recipients do not need to pay this fee. If you wish to apply for examination fee waiver due to the domestic disasters, please see the following website: https://www.eng.tohoku.ac.jp/admission/grad/disaster.html (3) This banking information is only valid within Japan. If you live overseas, please contact the Graduate Academic Affairs Section in advance.
*3 Envelope for submitting application	Fill in the sender's information on the back of the official envelope of this Graduate School and submit.
*4 Return envelope for examination admission ticket	Write your name and address (including postal number) on an official envelope of this Graduate School, and affix 94 yen in postage.
*5 Return envelope for results notification	Write your name and address (including postal number) on an official envelope of this Graduate School, and affix 540 yen in postage.

• **Applicants who live outside Japan should pay attention to the following notes.**

- *1. Written recommendation should be requested to the faculty member. The faculty member will obtain the official form from the office and submit it directly.
- *2. Photo ID sheet is not required. Only the photo should be submitted.
- *3 - *5. Not required.

Note: Applicants must submit the following documents respectively in addition to the above.

Regular Program for Incoming Students from Other Schools (Secondary recruitment)

Required documents	Notes
Written consent to take exam	Issued by head of workplace. Required only for those intending to remain employed while in school. (Any format; with official letterhead, signature, seal, etc.)
Written confirmation of the research plan	Required only for those who have received a university education in Japan as foreign students or in an overseas university. Prepared by the faculty member under whom you expect to study. (A letter stating that the faculty member confirms the applicant's research plan. Any format) *For those who apply for the Department of Applied Chemistry, Chemical Engineering, or Biomolecular Engineering should contact the department office (che-kyom@grp.tohoku.ac.jp) about preparing this document

Special Selection Program for Working Adults

Required documents	Notes
Summary of research or work	Research/work carried out during time spent working as an engineer, instructor, researcher, etc. (approximately 1 A4-size page).
Research plan	Approximately 1 A4-size page
Proof of employment	Issued by head of workplace, showing employment duration, nature of work, and identity. (Any format; with official letterhead, signature, seal, etc.) Not necessary for those intending to remain employed while in school.
Written consent to take exam	Issued by head of workplace. Required only for those intending to remain employed while in school. (Any format; with official letterhead, signature, seal, etc.)

Special Selection Program for Foreign Students

Required documents	Notes
Written recommendation	Prepared by a supervising faculty member or equivalent from your university (any format).
Proof of Japanese language proficiency	Prepared by a Japanese instructor or the supervising faculty member, etc. (any format). Not necessary for those applying to the Department of Mechanical Systems Engineering, Finemechanics, Robotics, or Aerospace Engineering.
Written consent to take exam	Issued by head of workplace. Required only for those intending to remain employed while in school. (Any format; with official letterhead, signature, seal, etc.)

Other reference materials	Papers, reports, etc. demonstrating academic ability.
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● About acquiring VISA for examination (Temporary Visitor VISA)

Applicants for the Master's Program at the Graduate School of Engineering, Tohoku University, who live outside Japan and need to acquire a "Temporary Visitor VISA (for examination)" should receive an "examination permit" which our university will issue after we receive your application. Those who require us to issue an "examination permit" should include a request letter (any format) along with their application documents. Applicants are also required to send a photo (5cm high ×4cm wide) in addition to the photo for the "photo ID". Please write your name and the name of the department to which you have chosen to apply on the reverse side of the photo.

5. Examination and Selection

Examination dates: From Monday, March 1 to Wednesday, March 3, 2021 according to the attached schedule.

Location: Graduate School of Engineering, Tohoku University, Sendai, Japan

(Details will be sent directly to each applicant from the department to which the application is made.)

- Applicants to the Regular Program for Incoming Students from Other Schools (Secondary recruitment) will be selected based on overall consideration of a written test, oral interview test results, and submitted documents.
- Applicants to the Special Selection Program for Working Adults will be selected based on overall consideration of a written test or essay, oral interview test results, and submitted documents.
- Applicants to the Special Selection Program for Foreign Students will be selected based on overall consideration of a written test or essay, oral interview test results, language proficiency, and submitted documents.

6. Announcement of Results

Results are scheduled to be posted around 5:00 p.m. on Monday, March 8, 2021, on the following website (<https://www.eng.tohoku.ac.jp/>).

Notification of results will also be mailed to applicants. Please note that results cannot be given in response to telephone inquiries.

7. Enrollment Procedures, etc.

- (1) The enrollment procedures are scheduled to be processed on Thursday, March 18, 2021. Details of the enrollment procedures will be announced when the acceptance letter is mailed in early March, 2021.

(2) Fees necessary at the time of enrollment

(a) Admission fee: 282,000 yen (tentative)

(b) Tuition (first semester): 267,900 yen (annual 535,800 yen) (tentative)

Note 1: The above amounts are tentative. In the case that admission or tuition fees are revised, the new fees will become applicable from the time of the revision.

Note 2: Information on the waiving of admission or tuition fees, or permission to defer payment to a later date, etc., will be provided in the enrollment procedures documents sent after the results notification.

8. Eligibility for Long Term Study Program

Some applicants, due to the need to continue with employment or other special circumstances (**Note 1**), may request permission to follow a planned course of study longer than the normal period of two years in order to receive their master's degree (**Note 2**). This Graduate School offers such an option, called a “Long Term Study Program”, to those who qualify in an advance screening exam. Long term master's students pay the same amount over the length of their studies as those enrolled in the standard two-year program. Inquiries about this program can be accepted at any time before enrollment. Please contact the Graduate Academic Affairs Section, Graduate School of Engineering.

Applicants hoping to be considered for this program need to apply at the enrollment procedures. Note that this program is applicable only from the beginning of studies, and cannot be entered into after studies have begun.

Note 1: To be eligible for this program, the applicant must (1) be employed by a company or be self-employed, (2) be perform childbirth, childcare, and nursing care, etc., or (3) be otherwise determined by this Graduate School to be suitable for the program (excluding financial reasons).

*In principle, this program is limited to students in the Special Selection Program for Working Adults. Persons in other Special Selection programs wishing to be considered may, however, request an examination in advance with the Graduate Academic Affairs Section, Graduate School of Engineering.

Note 2: The period of study may not be extended beyond four years, but it is possible to request that the period be shortened.

In principle, no special curriculum will be prepared for students in the long term study program.

9. Handling of Personal Information

(1) The Graduate School of Engineering of Tohoku University handles personal information in strict compliance with regulations such as the “Act on the Protection of Personal Information Held by Incorporated Administrative Agencies” and the “National University Corporation Tohoku University - Policy on the Protection of Personal Information”, taking every precaution to protect personal information.

(2) Examination results and other personal information obtained in the application process will be used for selection of students for admission, enrollment procedures, follow-up surveys, student support after enrollment (e.g., scholarships, tuition waiver, health care), student guidance and other academic purposes, as well as in collection of

tuition fees, etc.

- (3) After enrollment, the Graduate School may outsource administrative work in educational affairs to third-party companies and provide them, as necessary, with some or all of the student's personal information in compliance with the “National University Corporation Tohoku University - Policy on the Protection of Personal Information”.

10. Important Notes

- (1) "Laboratory Introduction" (listing the specialties offered in each field) is available on the following website (<https://www.eng.tohoku.ac.jp/>) under the Admissions menu. Please refer to it when submitting your application.
- (2) **Applications by post are to be sent in the designated envelope as Registered Express Mail. Applicants who live outside Japan may use any envelope.** Applicants will not be automatically notified of the receipt of applications. **Those desiring notification should enclose a postcard with their return address along with their application.**
- (3) Submitted application documents and examination fees cannot be returned.
- (4) If you do not receive your examination admission ticket by ten days prior to the examination date, please contact the Graduate Academic Affairs Section, Graduate School of Engineering.
- (5) All other inquiries regarding application for admission should likewise be made to the Graduate Academic Affairs Section, Graduate School of Engineering.
- (6) When requesting printed application forms by mail, enclose a self-addressed return envelope for A4-sized documents (approximately 34 cm by 24 cm) with your name, address and postal code and with 250 yen postage affixed. You should attach a memo noting the type of application (the name of the selection program) and your phone number or e-mail address. The application forms are written in Japanese. Only applicants who live outside Japan may use downloaded application forms.
- (7) Applicants desiring consultation regarding the need for special assistance or other consideration in taking the examination or conducting your studies should make a written application indicating the items listed below (no special format). Be assured that such a request will in no way prejudice the outcome of the selection process, as all applicants will be treated fairly.

*Deadline for consultation: As a rule, no later than Wednesday, December 2, 2020.

*Information to be indicated in creating application:

- A) Name, address and phone number of applicant
- B) University, etc. from which the applicant has graduated
- C) Any special considerations desired in taking the examination
- D) Any special considerations desired in the study environment

- E) Nature of any special considerations provided up to now
- F) Other relevant information about daily life circumstances
- G) Reference materials (if currently under treatment, enclose a medical certificate issued by your physician)

(8) Tohoku University has established Tohoku University Security Export Control Regulations based on the Foreign Exchange and Foreign Trade Act, and screens each submitted application when we accept international students in our university. In the event that their research plans apply to the regulatory concerns, above mentioned students may not be able to receive desired education and their research themes may be limited.

October 2020

Graduate Academic Affairs Section

Graduate School of Engineering

Tohoku University

6-6-04 Aramaki Aza Aoba, Aoba-ku, Sendai, Miyagi 980-8579, Japan

Phone: +81-22-795-5820

+Appendix— Admission Screening Examination Schedule for April 2021 Enrollment in Master's Program
 Regular Program for Incoming Students from Other Schools (Secondary recruitment)
 Special Selection Programs for Working Adults and for Foreign Students

(A) Regular Program for Incoming Students from Other Schools (Secondary recruitment)

Department	Test Subjects	Date and Time	Description	Remarks
Quantum Science and Energy Engineering	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam. Students whose native tongue is English should contact the department individually.	For applicants who cannot submit any of the score sheets, the application will be accepted only this time even if the score sheet required in the application guidelines is not submitted. In that case, attach as much as possible materials (Eiken, TOEFL ITP, TOEFL iBT Special Home Edition Test, etc.)
	Math A (mandatory)	Mon., Mar. 1 9:30 to 10:30 a.m. (assemble at 9:00)	Differential and integral calculus, linear algebra, vector analysis.	Recruiting Divisions • Advanced Fusion Reactor Engineering • Fusion Plasma Diagnostics and Advanced Plasma Confinement • Measurement Technology and Reliability Quantification • Degradation Science and Plant Life Management • Nuclear Energy System Safety Engineering • System Engineering of Particle Beams • Applied Quantum Medical Engineering • Advanced Radiation Application • Nuclear Fuel Science • Irradiation Effects in Nuclear and Their Related Materials, IMR (1) Choose the language (English or Japanese) of the test booklets. The applicants must notify the selected language to the department office in advance. The language cannot be changed once decided. (2) On the scope of each subject, inquire with your department or confirm with the website below. http://www.qse.tohoku.ac.jp/
	Math B (mandatory)	Mon., Mar. 1 11:30 a.m. to 0:30 p.m.	Ordinary differential equations Fourier series and Fourier transforms, Laplace transforms, partial differential equations	
	Specialized subjects (elective)*	Mon., Mar. 1 2:00 to 3:00 p.m.	Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering, Materials Science, Electromagnetics, Quantum Mechanics, Chemistry (Chemistry I, Chemistry II) Choose only two specialized subjects from the list above. The applicants must notify the two subjects to the department office in advance. The subjects cannot be changed once decided.	

			<p>NOTICE: For Chemistry (Chemistry I, Chemistry II), see the Remark (3).</p>	<p>(3) The applicants who intend to choose Chemistry (Chemistry I, Chemistry II) should confirm with the website below and ask the department head of Quantum Science and Energy Engineering (022-795-7901). http://www.qse.tohoku.ac.jp/ The applicants should be approved to choose Chemistry in advance.</p>
	<p>Interview</p>	<p>Wed., Mar. 3 (held online)</p> <p>The schedule will be announced by the department head.</p>	<p>Questions about undergraduate thesis, etc. and research plans after entering this program.</p>	<p>(4) Calculators or devices such as watches or mobile phones with calculation or communication functions are not allowed in the examination room.</p> <p>(5) The written exam may be waived depending on the applicant's record as indicated on transcripts</p> <p>(6) The written exam might be held online. The detail procedure will be given later.</p> <p>Inquire with the Department of Systems Science and Mechanical Engineering Academic Affairs Section for details. Phone: 022-795-7030</p>

Department	Test Subjects	Date and Time	Description	Remarks
Applied Chemistry, Chemical Engineering, Biomolecular Engineering	English	60 minutes, from Mon., Mar. 1 to Tue.,Mar. 2	A written test will be conducted.	(1) Applicants are required to bring and use HB pencils or a mechanical pencil.
	Basic subjects	120 minutes : Graduates and expected graduates in the Department of Applied Chemistry, Chemical Engineering and Biomolecular Engineering of Tohoku University,	Inorganic · physical chemistry (chemical bond theory, equilibrium and reaction kinetics), organic chemistry (structure, physical properties, and reactions), biochemistry (structures and functions of biomolecules and metabolism), and chemical engineering (material balance and transport phenomena),	(2) Some of applicants can be exempted from the written testing and interview depending on their record as indicated on transcripts. (3) If face-to-face testing cannot be contacted in order to prevent the spread of new coronavirus infection, the test will be instead conducted using online devices (Zoom, etc.).
		90 minutes : Graduates and expected graduates in other faculties and departments of Tohoku University and in other universities from Mon., Mar. 1 to Tue.,Mar. 2	Graduates and expected graduates in the Department of Applied Chemistry, Chemical Engineering and Biomolecular Engineering of Tohoku University are required to select all the subjects above, while those in other faculties and departments of Tohoku University and in other universities to select 3 out of the 4 subjects.	(4) The examination may be rescheduled for epidemic prevention reasons. Department inquiries: Applied Chemistry, Chemical Engineering and Biomolecular Engineering Academic Affairs Section Phone: 022-795-7205 Website: http://www.che.tohoku.ac.jp/index-j.html
Specialized subjects	180 minutes, from Mon., Mar. 1, to Tue.,Mar. 2	①Inorganic · physical chemistry : 3 subjects (bond · structure theory, chemical reaction theory, and physicochemical function theory ②Organic chemistry field : 3 subjects of physical organic chemistry, organic		

			<p>synthetic chemistry, and polymer chemistry</p> <p>③Biochemistry : 4 subjects(biofunctional chemistry, applied biological chemistry, bioinformation chemistry, and biophysical chemistry)</p> <p>④Chemical engineering field : 4 subjects [reaction engineering, mechanical unit operation (including rheology), separation engineering, and process system engineering (including process control)]</p> <p>Select 4 subjects out of the above 14 subjects, in which selected subjects should cover two different fields or more from the 4 fields (① through ④). Declare the subjects to be selected in advance (inquired from the department office). No applicant is allowed to select any subject different from those declared, on the day of the examination.</p>	
	Interview test	Mon., Mar. 1, to Tue., Mar. 2 (Implementation time will be instructed by your department)		

Department	Test Subjects	Date and Time	Description	Remarks
Management Science and Technology	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	<p>(1) Part of the written test may be exempted depending on the contents of the transcript.</p> <p>(2) The date and place of the oral examination will be notified separately depending on your department.</p> <p>Department inquiries office Phone: 022-795-3863 Website: http://www.most.tohoku.ac.jp</p>
	Essay		Evaluate whether or not you have the logical thinking ability, expressive ability. And basic academic ability suitable for studying in this major by using essays on general common sense and the specialized fields covered by this major and social issues related to them. A separate selection-type theme will be sent to the applicant, so submit it by the designated date.	
	Oral examination	Mon., Mar. 1, to Wed., Mar. 3 (Instructed by your department)	Ask questions about the content of the essay. In addition, the basic academic ability and the appropriateness of the research field after admission will be evaluated. The oral examination time is about 30 minutes per person.	

(A) Special Selection Program for Working Adults

Department	Test Subjects	Date and Time	Description	Remarks
Mechanical Systems Engineering, Finemechanics, Robotics, Aerospace Engineering	Math A (elective)*	Mon., Mar. 1, 9:30 to 10:30 a.m (assemble at 9:00)	Differential and Integral Calculus, Linear Algebra, Vector Analysis	<p>(1) On the scope of each subject, inquire with each department or consult the websites below. http://www.mech.tohoku.ac.jp/</p> <p>(2) Tests in specialized subjects end at the following times. If one subject is selected: 4:00 p.m. If two subjects are selected: 4:30 p.m.</p> <p>(3) Calculators or devices such as watches and mobile phones with calculation or communication functions are not allowed in the examination room.</p> <p>(4) Interviews are given only for those applicants who pass the written testing. When and how to notify the written test results will be announced on the first day of testing.</p> <p>(5) Since there is a high possibility that the test will be conducted online, please</p>
	Math B (elective)*	Mon., Mar. 1, 1:00 to 2:00 p.m.	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms	
	Specialized subjects (elective)*	Mon., Mar. 1, 3:30 to 4:30 p.m.	Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering	
	*Choose any two of the seven subjects (Math A, Math B, and five specialized subjects). The choice of subjects must be notified in advance through the department office. (Inquire from the department office.)			
	Preparation day	Tue., Mar. 2	Preparation day of Math and Specialized subjects	

Department	Test Subjects	Date and Time	Description	Remarks
	Interview	Wed., Mar. 3 (time indicated by your department)	Questions about your studies up to now and research plans after entering this program. English ability may also be asked about.	<p>secure an internet environment and a smartphone (or scanner) with a camera function</p> <p>(6) We will inform you of the online test Or the field test when the admission ticket is sent (early Februar).</p> <p>Inquire with Department of Mechanical and Aerospace Engineering Academic Affairs Section for details. Phone: 022-795-7030</p>

Department	Test Subjects	Date and Time	Description	Remarks
Quantum Science and Energy Engineering	Math A (elective)*	Mon., Mar. 1, 9:30 to 10:30 a.m. (assemble at 10:00)	Differential and integral calculus, linear algebra, vector analysis.	<p>(1) The applicant whose research achievement, research history, and others are approved as qualified, will be exempted from the written exam, and will be given an interview (research presentation and Q & A sections) for about 30 minutes. The applicants should ask the prospective professor as to the details for an exemption and an application method for the written exam.</p> <p>(2) The applicants who intend to choose Chemistry (Chemistry I, Chemistry II) should confirm with the website below and ask the Department head of Quantum Science and Energy Engineering (022-795-7901). http://www.qse.tohoku.ac.jp/ The applicants should be approved to choose Chemistry in advance.</p> <p>(3) On the scope of each subject, inquire with your department or confirm with the website below. http://www.qse.tohoku.ac.jp/</p> <p>(4) The ending time in the exam for “Specialized subjects” is 2:30 p.m., if one subject is selected, 3:00 p.m., if two subjects are selected.</p> <p>(5) Calculators or devices such as watches or mobile phones with calculation or functions are not allowed in the examination room.</p> <p>(6) Interviews are given only for those applicants who pass the written exam. When and how they will be notified of the written exam results will be announced on the first day of exam.</p> <p>(7) The written exam might be held online. The detail procedure will be given later.</p>
	Math B (elective)*	Mon., Mar. 1, 11:30 a.m.to 0:30 p.m.	Ordinary differential equations Fourier series and Fourier transforms, Laplace transforms, partial differential equations	
	Specialized subjects (elective)*	Mon., Mar. 1, 2:00 to 3:00 p.m.	Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering, Materials Science, Electromagnetics, Quantum Mechanics, Chemistry (Chemistry I, Chemistry II) NOTICE: For Chemistry (Chemistry I, Chemistry II), See the Remark (2)	
	* Choose only two subjects (Math A, Math B or any of the Specialized subjects). In addition, choose the language (English or Japanese) of the test booklets. The applicants must notify the two subjects and the selected language to the department office in advance. The subjects and language cannot be changed once decided.			
	Interview	Wed., Mar. 3, (held online) The schedule will be announced later by the department head.	Questions about your studies up to now and research plans after entering this program. English ability may be also asked.	

				Inquire with Department of Systems Science and Mechanical Engineering Academic Affairs Section for details. Phone: 022-795-7030
Electrical Engineering, Communications Engineering,, Electronic Engineering	Interview	Tue., Mar.2 or Wed., Mar. 3 (time indicated by your department)	Approx. 10-minute presentation about studies up to now and research plans after entering this program. Take three copies of support materials with you.	Oral test about the basic academic ability related the research topic may be charged. *If there is a change in the subject or implementation method of each test to prevent the spread of new coronavirus infection, the change will be notified at a later date.

Department	Test Subjects	Date and Time	Description	Remarks
Applied Physics	Short essay	Mon., Mar. 1, 10:00 to 11:30 a.m.		A specialized interview will take place prior to the entrance exam (late February). *If there is a change in the subject or implementation method of each test to prevent the spread of new coronavirus infection, the change will be notified at a later date.
	Interview	Tue., Mar. 2, from 9:00 a.m.	English ability may also be asked about.	
Applied Chemistry, Chemical Engineering, Biomolecular Engineering	Short essay	120 minutes, from Mon., Mar. 1 to Tue. , Mar. 2	Japanese and English summary	If face-to-face testing cannot be conducted in order to prevent the spread of new coronavirus infection, the tests will be instead conducted online using online devices (Zoom, etc.). Department inquiries: Applied Chemistry, Chemical Engineering and Biomolecular Engineering Academic Affairs Section Phone: 022-795-7205 Website: http://www.che.tohoku.ac.jp/index-j.html
	Interview	20 minutes, from Mon., Mar. 1 to Tue. , Mar. 2		
Metallurgy, Materials Science, Materials Processing	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	(1) For details on the target TOEFL Test/ TOEIC® public test types, etc., please see the website below. http://www.material.tohoku.ac.jp/admission/index.html/ (2) Schedule etc. will be notified individually. (3) Calculators are not allowed. *. For more information, Please contact your department or check The website below. http://www.material.tohoku.ac.jp/admission/index.html *Separately inform test takers of the test Method when face-to-face testing cannot be conducted to prevent the spread of new coronavirus infection. Department inquiries: Materials and Development Office Academic Affairs Phone: 022-795-7373
	Oral test	30 minutes, from Mon., Mar. 1 to Wed., Mar. 3	5 areas: physics, chemistry, materials chemistry, materials science, materials processing.	
	Math	60 minutes, from Mon., Mar. 1 to Wed., Mar. 3	Differential and Integral, Ordinary Differential Equations, Linear Algebra (Vector, procession determinant), Vector Analysis, Complex function theory, Fourier Series and Fourier Transforms, Laplace Transforms, etc.	
	Interview	10 minutes, from Mon., Mar. 1 to Wed., Mar. 3 (same time as oral test)		

Department	Test Subjects	Date and Time	Description	Remarks
Civil and Environmental Engineering	Short essay	Mon., Mar. 1, 9:30 to 11:00 a.m.	Topic related to civil and environmental engineering	(1) Use of calculator and dictionaries is not allowed.
	Interview	Mon., Mar. 1	Questions about the research or work at the place of employment, motivation for application, research plans after entering this program, etc.	(2) Inquire with department for details. (3) If face-to-face testing cannot be conducted to prevent the spread of new coronavirus infection, conduct it online. Since the online connection will be Confirmed before the test is conducted, Detailed test methods will be discussed at that time. Phone: 022-795-7489 (Civil Engineering and Architecture Academic Affairs Section)
Architecture and Building Science	Short essay	Mon., Mar. 1 9:00 to noon		(1) Time and place and of the oral test and interview will be notified by department.
	Oral test	Mon., Mar. 1 or Tue., Mar. 2 (time indicated by your department)	Questions about essay contents	(2) If face-to-face testing cannot be conducted to prevent the spread of the new coronavirus infection, the examinee will be notified separately.
	Interview	Mon., Mar. 1 or Tue., Mar. 2 (time indicated by your department)	At the same time of the oral test.	Department inquiries: Phone: 022-795-7489 (Civil Engineering and Architecture Academic Affairs Section)
Management Science and Technology	Essay		Evaluate whether or not you have the logical thinking ability, expressive ability. And basic academic ability suitable for studying in this major by using essays on general common sense and the specialized fields covered by this major and social issues related to them. A separate selection-type theme will be sent to the applicant, so submit it by the designated date.	(1) Part of the written test may be exempted depending on the contents of the transcript. (2) The date and place of the oral examination will be notified separately depending on your department. Department inquiries Office Phone: 022-795-3863 Website: http://www.most.tohoku.ac.jp

	Oral examination	Mon., Mar. 1, to Wed., Mar. 3 (Instructed by your department)	Ask questions about the content of the essay. In addition, the basic academic ability and the appropriateness of the research field after admission will be evaluated. The oral examination time is about 30 minutes per person.	
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(B) Special Selection Program for Foreign Students

Department	Test Subjects	Date and Time	Description	Remarks
Mechanical Systems Engineering, Finemechanics, Robotics, Aerospace Engineering	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam. Also accept TOEFL iBT Home Edition score. Students whose native tongue is English should contact the department individually.	The application is not acceptable if the applicant, except those whose native language is English, is unable to submit the original score sheet within the application period. (Exception if the applicant is able to submit the score sheet of the adequate TOEIC public test after application period. In either case, it is “failed” if the original score sheet is not submitted by the designated date.) If the Test Date score on the score sheet does not meet the criteria (TOEFL PBT 550 points, TOEFL iBT 79 points or TOEIC 730 points) it will be considered as “failed”.
	Math A (mandatory)	Mon., Mar. 1 9:30 to 10:30 a.m. (assemble at 9:00)	Differential and Integral Calculus, Linear Algebra, Vector Analysis	(1) Written testing may be waived depending on the applicant's record as indicated on transcripts.
	Math B (mandatory)	Mon., Mar. 1 1:00 to 2:00 p.m.	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms	(2) On the scope of each subject, inquire with your department or consult the Web sites below. http://www.mech.tohoku.ac.jp/
	Specialized subjects (elective)*	Mon., Mar. 1, 3:30 to 4:30 p.m.	Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering *Choose any two of the above listed five specialized subjects. The choice of subjects must be notified in advance through the department office. (Inquire from the department office.)	(3) Calculators or devices such as watches and mobile phones with calculation or communication functions are not allowed in the examination room. (4) Interviews are given only for those applicants who pass the written testing. When and how to notify the written test results will be announced on the first day of testing.
	Preparation day	Tue., Mar. 2	Preparation day of Math and Specialized subjects	(5) Since there is a high possibility that the test will be conducted online, please secure an internet environment and a smartphone (or scanner) with a camera function
	Interview	Wed., Mar. 3 (time indicated by your department)	Questions about undergraduate thesis, etc. and research plans after entering this program.	(6) We will inform you of the online test or the field test when the admission ticket is sent (early Februar). Inquire with Department of Mechanical and Aerospace Engineering Academic Affairs Section for details. Phone: 022-795-7030

Department	Test Subjects	Date and Time	Description	Remarks
Quantum Science and Energy Engineering	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam. Students whose native tongue is English should contact the department individually.	For applicants who cannot submit any of the score sheets, the application will be accepted only this time even if the score sheet required in the application guidelines is not submitted. In that case, attach as much as possible materials (Eiken, TOEFL ITP, TOEFL iBT Special Home Edition Test, etc.)
	Math A (mandatory)	Mon., Mar. 1, 9:30 to 10 : 30 a.m. (assemble at 9:00)	Differential and integral calculus, linear algebra, vector analysis	(1) Choose the language (English or Japanese) of the test booklets. The applicants must notify the selected language to the department office in advance. The language cannot be changed once decided.
	Math B (mandatory)	Mon., Mar. 1, 11:30 to 0:30 p.m.	Ordinary differential equations, Fourier series and Fourier transforms, Laplace transforms, partial differential equations	(2) On the scope of each subject, inquire with your department or confirm with the website below. http://www.qse.tohoku.ac.jp/
	Specialized subjects (elective)*	Mon., Mar. 1, 2:00 to 3:00 p.m.	Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering, Materials Science, Electromagnetics, Quantum Mechanics, Chemistry (Chemistry I, Chemistry II) Choose only two specialized subjects from the list above. The applicants must notify the two subjects to the department office in advance. The subjects cannot be changed once decided. NOTICE: For Chemistry (Chemistry I, Chemistry II), see the Remark (3).	(3) The applicants who intend to choose Chemistry (Chemistry I, Chemistry II) should confirm with the website below and ask the Department head of Quantum Science and Energy Engineering (022-795-7901). http://www.qse.tohoku.ac.jp/ The applicants should be approved to choose Chemistry in advance. (4) Calculators or devices such as watches or mobilephones with calculation or communication functions are not allowed in the examination room. (5) Interviews are given only for those applicants who pass the written exam. When and how they will be notified of the written exam results will be announced on the first day of exam. (6) The written exam might be held online. The detail procedure will be given later.
	Interview	Wed., Mar. 3 (held online) The schedule will be	Questions about undergraduate thesis, etc. and research plans after entering this program.	Inquire with the Department of Systems Science and

		announced by the department head.		Mechanical Engineering Academic Affairs Section for details. Phone: 022-795-7030
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Department	Test Subjects	Date and Time	Description	Remarks
Electrical Engineering, Communications Engineering, Electronic Engineering	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	<p>(1)On the scope of each subject, inquire with your department or consult the website below.http://www.ecei.tohoku.ac.jp/ecei_web/admission/</p> <p>(2)Calculators or devices such as watches and mobile phones with calculation or communication functions are not allowed in the examination room.</p> <p>Department inquiries: Electronic Information System and Applied Physics Academic Affairs Section Phone: 022-795-7186</p> <p>*If there is a change in the subject or implementation method of each test to prevent the spread of new coronavirus infection, the change will be notified at a later date.</p>
	Basic subjects	Mon., Mar. 1, 9:40 to 10:40 a.m. (assemble at 9:00)	Choice of 2 questions from the following 6 areas: electromagnetics, electrical circuits, basic information science 1, basic information science 2, basic physics, basic math	
	Specialized subjects	Tue., Mar. 2, 9:40 to 10:40 a.m. (assemble at 9:00)	Choice of 2 questions from the following 6 areas: Electrical engineering, communication engineering, electronic engineering, computer science 1, computer science 2, advanced physics	
	Interview	Tue., Mar. 2 or Wed., Mar. 3 (time indicated by your department)	Approx. 10-minute presentation about your university education or thesis, and research plans after entering this program, etc. Take three copies of support materials with you. To include assessment of Japanese language ability.	

Department	Test Subjects	Date and Time	Description	Remarks
Applied Physics	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam(Students whose native tongue is English should contact the department individually).	Inquire with department for details Electronic Information System and Applied Physics Academic Affairs Section
	Basic subjects	Mon., Mar. 1, 10:00 to 11:30 a.m.	Choice of 2 questions from the following fields: quantum mechanics, mechanics, physical math (differential equations, vector analysis, Fourier series and transform, Laplace transform). English translations provided as necessary.	Written testing will be waived for foreign student applicants with outstanding qualifications. A field-specific interview will take place prior to the entrance exam (late February) Calculators or devices such as watches and mobile phones with calculation or communication functions are not allowed in the examination room.
	Specialized subjects	Mon., Mar. 1, 1:00 to 2:30 p.m.	Choice of 2 questions from the following fields: electromagnetism(electrostatics, magnetostatics, electromagnetic induction), statistical mechanics, condensed matter physics, physical experiments and measurements . English translations provided as necessary.	Department inquiries: Electronic Information System and Applied Physics Academic Affairs Section Phone: 022-795-7186 *If there is a change in the subject or implementation method of each test to prevent the spread of new coronavirus infection, the change will be notified at a later date.
	Interview	Tue., Mar. 2 from 9:00 a.m		
Applied Chemistry, Chemical Engineering, Biomolecular Engineering	Basic subjects	100 minutes 100 minutes from Mon., Mar. 1 to Tue., Mar. 2	Physical chemistry, Analytical chemistry Math, Organic chemistry	If face-to-face testing cannot be conducted in order to prevent the spread of new coronavirus infection, the tests will be instead conducted online using online devices (Zoom, etc.). Department inquiries: Applied Chemistry, Chemical

	Specialized subjects	50 minutes, from Mon., Mar. 1 to Tue., Mar. 2.	Applicant's field of specialty	Engineering and Biomolecular Engineering Academic Affairs Section Phone: 022-795-7205 Website: http://www.che.tohoku.ac.jp/index-j.html
	English	50 minutes, from Mon., Mar. 1 to Tue., Mar. 2	A written test will be conducted.	
	Interview test	30 minutes, from Mon., Mar. 1 to Tue., Mar. 2		

Department	Test Subjects	Date and Time	Description	Remarks
Metallurgy, Materials Science, Materials Processing	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	<p>(1) For details on the target TOEFL Test/ TOEIC® public test types, etc., please see the website below. http://www.material.tohoku.ac.jp/admission/index.html/</p> <p>(2) Submission of TOEFL/TOEIC score sheet may be waived for qualified applicants. Inquiries with your prospective academic adviser for details.</p> <p>(3) Schedule etc. will be notified individually.</p> <p>(4) Calculators are not allowed..</p> <p>* For more information, Please contact your department or check The website below. http://www.material.tohoku.ac.jp/admission/index.html</p> <p>*Separately inform test takers of the test Method when face-to-face testing cannot be conducted to prevent the spread of new coronavirus infection. Department inquiries: Materials and Development Office Academic Affairs Phone:022-795-7373</p>
	Oral test	30 minutes, from Mon., Mar. 1 to Wed., Mar. 3	5 areas: physics, chemistry, materials chemistry, materials science, materials processing Assessment of Japanese-language ability to be made at this time also.	
	Math	60 minutes, from Mon., Mar. 1 to Wed., Mar. 3	Differential and Integral, Ordinary Differential Equations, Linear Algebra (Vector, procession determinant), Vector Analysis, Complex function theory, Fourier Series and Fourier Transforms, Laplace Transforms, etc.	
	Interview	10 minutes, from Mon., Mar. 1 to Wed., Mar. 3 (same time as oral test)		

Department	Test Subjects	Date and Time	Description	Remarks
Civil and Environmental Engineering	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	<p>(1) Calculators or devices such as watches and mobile phones with calculation or communication functions are not allowed in the examination room.</p> <p>(2) See the following website for past questions and scope. http://www.civil.tohoku.ac.jp/inshi.html</p> <p>(3) Time and place of the interview will be notified by department.</p> <p>(4) Inquire with department for details.</p> <p>(5) If face-to-face testing cannot be conducted to prevent the spread of new coronavirus infection, the test will be conducted online. Since the online connection will be confirmed before the test, detailed test methods will be notified at that time.</p> <p>Department inquiries: Civil Engineering and Architecture Academic Affairs Section Phone: 022-795-7489</p>
	Specialized subjects	Mon., Mar. 1, 2:30 to 4:30 p.m	Choice of four questions from the 17 questions in following eight subjects. <ol style="list-style-type: none"> 1. Mathematics (calculus, linear algebra, probability and statistics) 2. Mechanics of Elastic Bodies and Structures 3. Geotechnical and Concrete Engineering 4. Hydraulics 5. Water Quality and Environment 6. Biological and Ecological Engineering 7. Transportation Engineering and Planning 8. Operations Research 	
	Interview	Mon., Mar. 1 or Tue., Mar. 2	Questions about your university education or undergraduate thesis (including the thesis now on writing), motivation for application, research plans after entering this program, etc. Assessment of Japanese-language ability is also made at this time.	

Department	Test Subjects	Date and Time	Description		Remarks	
Architecture and Building Science	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.		<p>(1) Take note that test subjects differ for each course.</p> <p>(2) Calculator and dictionaries are not allowed in the examination room.</p> <p>(3) Applicants for the Architecture and Urban Design Course must bring a portfolio of design works. Applicants for other courses also can bring a portfolio and use for the interview.</p> <p>(4) Question sheets translated in English can also be issued according to the applicants' request. You should inquire with the department office if necessary.</p> <p>(5) See the following website for past questions and scope. http://www.archi.tohoku.ac.jp/</p> <p>(6) Time and place of interview will be notified by department.</p> <p>(7) If face-to-face testing cannot be conducted to prevent the spread of the new coronavirus infection, the examinees will be notified separately.</p> <p>Department inquiries: Civil Engineering and Architecture Academic Affairs Section Phone: 022-795-7489</p>	
	Specialized subjects	Mon., Mar. 1, 9:00 a.m. to noon	Architecture and Urban Design Course	3 questions in urban design, architectural design, and structural design		
			Architecture and Urban Planning Course	1 to 3 questions in each of architectural planning, urban planning, and architectural history		
			Sustainable Architecture and Building Science Course	1 to 3 questions in each of building science (built environment and building services), building materials, and structural mechanics		
			Structural Engineering for Architecture Course	1 to 3 questions in each of building materials, load, structure, and structural mechanics		
	Mon., Mar. 1, 1:30 to 4:30 p.m.	Architecture and Urban Design Course	Drafting and design			

	Interview	Mon., Mar. 1 or Tue., Mar.2 (time indicated by your department)		
Management Science and Technology	English		At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	<p>(1) Part of the written test may be exempted depending on the contents of the transcript.</p> <p>(2) The date and place of the oral examination will be notified separately depending on your department.</p> <p>Department inquiries: Office: TEL 022-795-3863 Website: http://www.most.tohoku.ac.jp</p>
	Essay		Evaluate whether or not you have the logical thinking ability, expressive ability. And basic academic ability suitable for studying in this major by using essays on general common sense and the specialized fields covered by this major and social issues related to them. A separate selection-type theme will be sent to the applicant, so submit it by the designated date.	
	Oral examination	Mon., Mar. 1, to Wed., Mar. 3 (Instructed by your department)	Ask questions about the content of the essay. In addition, the basic academic ability and the appropriateness of the research field after admission will be evaluated. The oral examination time is about 30 minutes per person.	

志望専攻		専攻	受験記号番号
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* Please DO NOT fill in the above blanks

FORM (1/4)

In A4 sized (21cm × 29.5cm) printing

2021 Academic Year
 APPLICATION FOR SPRING ENROLLMENT IN MASTER'S PROGRAM
 令和 3 年度
 博士課程前期 2 年の課程入学願書
 (For entry in April 2021)
 (令和 3 年 4 月入学)

* Check the applicable item (該当項目に印をつける)

- Regular Program for Incoming Students from Other Schools
(Secondary recruitment) (一般選抜 (第 2 次募集))
- Special Selection Program for Working Adults (社会人特別選抜)
- Special Selection Program for Foreign Students (外国人留学生等特別選抜)

INSTRUCTIONS (記入上の注意)

- The application should be typed if possible, or neatly handwritten in block letters. (明瞭に記入すること。)
- Numbers should be in Arabic numerals. (数字は算用数字を用いること。)
- Years should be written using the Anno Domini system. (年号はすべて西暦とすること。)
- Proper nouns should be written in full and not abbreviated. (固有名詞はすべて正式な名称とし、一切省略しないこと。)

1. Name in full in native language _____, _____ (Gender)
 (姓名 (自国語)) (Family name) (First name) (Middle name) Male (男)
 Female (女)

In Roman block capitals _____, _____
 (ローマ字) (Family name) (First name) (Middle name)

2. Country or Area _____
 (国または地域)

3. Date of birth (生年月日)

 19 _____
 Year (年) Month (月) Day (日) Age (as of April 1, 2021)
 年齢 (2021 年 4 月 1 日現在)

4. Department and academic advisor in Japan (志望専攻名・受入(希望)教員名)
 Department of _____ / Prof. Associate Prof.

5. Present status (現職)
 Name of the employer: _____
 (企業等の名称)
 Section/department: _____
 (所属部課等)
 Employment duration: From _____ ~ up to now (現在に至る)
 (在職期間) Year (年) Month (月) Day (日)
 After entering to Tohoku University: remain employed (入学後) (在職のまま) resign (退職)

* Check the applicable item

6. Present address and telephone number, facsimile number, e-mail address
(現住所及び電話, ファックス番号, E-mail アドレス)

現住所 (Present address) : _____

電話番号/FAX 番号 (Telephone/facsimile number) : _____

E-mail address : _____

7. The institution you have graduated / will graduate. (卒業した, あるいは卒業予定の機関)

Institution (機関)	Year (年)	Month (月)

8. Long Term Study Program (長期履修制度)

Do you wish to apply for the Long Term Study Program? Yes No
(長期履修制度の適用を希望しますか) (希望する) (希望しない)

* Applicants should refer to "8. Eligibility for Long Term Study Program" in the announcement.
(募集要項「8 長期履修学生制度の適用」を参照のうえ、選択してください。)

9. About the presentation of the score sheet (スコアシートの提出について)

- I submit a TOEFL score sheet or the score sheet of the TOEIC public test to the 257th.
(TOEFL スコアシートまたは第 257 回までの TOEIC 公開テストのスコアシートを提出します。)
- I submit the score sheet of the 258th or 259th TOEIC public test by a predetermined method by Tuesday, January 19, 2021.
(第 258 回または第 259 回 TOEIC 公開テストのスコアシートを所定の方法で令和 3 年 1 月 19 日 (火) までに提出します。)

10. Educational background (学歴)

	Name and Address of School (学校名及び所在地)	Year and Month of Entrance and Completion (入学及び卒業年月)	Amount of time spent at the school attended (修学年数)	Diploma or Degree awarded, Major subject (学位・資格, 専攻科目)
Elementary Education (初等教育)	Name (学校名)	From (入学)	years (年)	
Elementary School (小学校)	Location (所在地)	To (卒業)	and months (月)	
Secondary Education (中等教育)	Name (学校名)	From (入学)	years (年)	
Lower Secondary School (中学)	Location (所在地)	To (卒業)	and months (月)	
Upper Secondary School (高校)	Name (学校名)	From (入学)	years (年)	
	Location (所在地)	To (卒業)	and months (月)	
Higher Education (高等教育)	Name (学校名)	From (入学)	years (年)	
Undergraduate Level (大学)	Location (所在地)	To (卒業)	and months (月)	
Graduate Level (大学院)	Name (学校名)	From (入学)	years (年)	
	Location (所在地)	To (卒業)	and months (月)	
Total years of schooling mentioned above (以上を通算した全学校教育修学年数) as of April 1, 2021 (2021年4月1日現在)			years (年)	

*If the blank spaces above are not sufficient for the information required, please attach a separate sheet.

((注) 上欄に書ききれない場合には、適当な別紙に記入して添付すること。)

11. State the titles or subjects of books or papers (including graduation thesis authored by the applicant), if any, with the name and address of the publisher and the date of publication.

(著書, 論文, (卒業論文を含む。))があればその題名, 出版社名, 出版年月日, 出版場所を記すこと。)

*Please attach abstracts of those papers to this application. ((注) 論文の概要を添付のこと。)

12. Employment Record: Begin with the most recent employment, if applicable. (職歴)

Name and address of organization (勤務先及び所在地)	Period of employment (勤務期間)	Position (役職名)	Type of work (職務内容)
	From To		
	From To		

* I swear the above is a true statement
(上記のとおり相違ありません)

Date of application:
(申請年月日)

Applicant's signature:
(申請者署名)

Applicant's name
(in Roman block capitals):
(申請者氏名)

Student ID number
*Only for applicants who are currently enrolled at Tohoku University
(本学在籍者は学籍番号)

(受験票, 合否通知書及び受験ビザを送付するための宛名ラベル)

* Fill the receiver's name and address of examination admission ticket

To: _____

Address: _____

Postal code _____ TEL _____

(examination admission ticket)

* Fill the receiver's name and address of results notification

To: _____

Address: _____

Postal code _____ TEL _____

(results notification)

* Fill the receiver's name and address of "Temporary Visitor VISA (for examination)"

To: _____

Address: _____

Postal code _____ TEL _____

("Temporary Visitor VISA (for examination)")

受験記号番号 (Do not fill in this box)	
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【検定料納付確認書】

Confirmation for Examination Fee Payment

Department

専攻名：

Name

氏名：

Please affix a copy of ATM transaction statement or evidence of Internet Banking Transaction in the below box and submit with the other application documents.

◀Affix Here▶