

Appendix— Admission Screening Examination Schedule for April 2021 Enrollment in Doctoral Program
 Program for Students Advancing from Master's Program of this Graduate School
 Regular Program for Incoming Students from Other Schools
 Special Selection Programs for Working Adults and for Foreign Students

(A) Program for Students Advancing from Master's Program of this Graduate School

Department	Test Subjects	Date and Time	Description	Remarks
Mechanical Systems Engineering, Finemechanics, Robotics, Aerospace Engineering,	Selection to be made separately by the department.			Department inquiries: Systems Science and Mechanical Engineering Academic Affairs Section Phone: 022-795-7030
Quantum Science and Energy Engineering	Selection to be made separately by the department.			Department inquiries: Systems Science and Mechanical Engineering Academic Affairs Section Phone: 022-795-7030
Electrical Engineering, Communications Engineering, Electronic Engineering	Selection to be made separately by the department. In order to prevent the spread of infection of COVID-19, we will notify the examinee separately about the test method when the test cannot be conducted on site.			
Applied Physics	Interview	Wed., Aug. 26, from 9:00 a.m.		The field-specific interview will be held prior to the entrance exam (late August). In order to prevent the spread of infection of COVID-19, we will notify the examinee separately about the test method when the test cannot be conducted on site.
Applied Chemistry, Chemical Engineering, Biomolecular Engineering	Selection to be made separately by the department.			Department inquiries: Office: 022-795-7205 Website: http://www.che.tohoku.ac.jp/index-j.html

Department	Test Subjects	Date and Time	Description	Remarks
Metallurgy, Materials Science, Materials Processing	Selection to be made separately by the department.			
Civil and Environmental Engineering	Interview	Wed., Aug. 26		(1) Calculators, dictionaries, or devices such as watches of mobile phones with calculation or communication functions are not allowed to in the examination room. (2) Time and place of the interview will be notified in advance. (3) In case of suspension of the test on site due to novel coronavirus, the details of an online test will be notified by your department. (4) Inquire with the department for details. Phone: 022-795-7489 (Civil Engineering and Architecture Academic Affairs Section)
Architecture and Building Science	Screening of application document	Tue., Aug. 25 or Wed., Aug. 26	Research plans	(1) Time and place of the interview will be notified by the department office. (2) An additional assignment may need to be submitted according to the situation.
	Interview	Tue., Aug. 25 or Wed., Aug. 26		(3) If any changes are made for preventing the spread of COVID-19, the examinees will be notified by the department. Department inquiries: Civil Engineering and Architecture Academic Affairs Section Phone 022-795-7489



Department	Test Subjects	Date and Time	Description	Remarks
Management Science and Technology	Selection to be made separately by the department.			

(B) Regular Program for Incoming Students from Other Schools

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. Students whose native tongue is English should contact the department individually.	*Evaluate according to the contents of the transcript. 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.)
	Math A (mandatory)	Tue., Aug. 25, 9:30 to 10:30 11:00 a.m. (assemble at 9:00)	Differential and Integral Calculus,, Linear Algebra, Vector Analysis	(1) The written test may be waived depending on the applicant's record as indicated on transcripts. (2) On the scope of each subject, inquire with your department or confirm with the website below. http://www.mech.tohoku.ac.jp/
	Math B (mandatory)	Tue., Aug. 25, 1:30 to 2:30 3:00 p.m.	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms	(3) Calculators or devices such as watches or mobile phones with calculation or communication functions are not allowed in the examination room.
	Specialized subjects (elective)*	Wed., Aug. 26, 9:30-10:00 to 10:30 a.m. noon (assemble at 9:00 8:30)	Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering *Choose any two of the above listed five subjects.	(4) Interviews are given only for those applicants who pass the written testing. When and how they will be notified of the written test results will be announced on the first day of testing.
	Interview	Thu., Aug. 27 (time indicated by your department)	Questions about your master's thesis, etc. and research plans after entering this program.	(5) Since there is a high possibility that it will be an online test, secure an internet environment and be sure to prepare a personal computer, WEB camera and smartphone with camera function (or scanner). (6) We will inform you when the test voucher is shipped (in early August) whether it is an online test or a local test.

Department	Test Subjects	Date and Time	Description	Remarks
				Department inquiries: Systems Science and Mechanical Engineering Academic Affairs Section Phone: 022-795-7030
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.	The application will be accepted if the applicants, (except those whose native language is English) are able to submit the documents showing their English scholastic ability (Eiken, TOEFL ITP, TOEFL iBT Special Home Edition Test and so on). 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.)
	Math A (mandatory)	Tue., Aug. 25, 9:30 to 10:30 11:00 a.m. (assemble at 9:00)	Differential and Integral Calculus,, Linear Algebra, Vector Analysis	(1) The written test may be waived depending on the applicant's record as indicated on transcripts.
	Math B (mandatory)	Tue., Aug. 25, 11:30 1:30 to 12:30 3:00 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 confirm with the website below. http://www.qse.tohoku.ac.jp/
	Specialized subjects (elective)*	Tue. Wed., Aug. 25 26, 13:30 9:00 to 14:30 noon (assemble at 8:30)	Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering, Materials Science, Electromagnetics, Quantum Mechanics *Choose any two of the above listed eight subjects. Choose any two of the specialized	(3) Calculators or devices such as watches or 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 they will be notified of the

Department	Test Subjects	Date and Time	Description	Remarks
			subjects. The applicants must notify the chosen subjects to the department office in advance. The subjects cannot be changed once decided.	written test results will be announced on the first day of testing. (5) An internet connection environment is required. Interviews will be held online, and written exams might be also held online. The detail procedure will be informed later.
	Interview	Thu., Aug. 27 (held online) The schedule will be announced later by the department head. (time indicated by your department)	Questions about your master's thesis, etc. and research plans after entering this program.	Department inquiries: Systems Science and Mechanical Engineering Academic Affairs Section Phone: 022-795-7030
Electrical Engineering, Communications Engineering, Electronic Engineering	English		TOEFL® Test (PBT, iBT) or TOEIC® Listening & Reading Test score certificate is NOT required. English achievements in your university report are used for evaluation.. At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam. But not required for applicants who used to belong to the master's program of this department in this university.	(1) The written test may be waived depending on the applicant's record as indicated on transcripts. (2) On the scope of each subject, inquire with your department or confirm with the website below. http://www.ecei.tohoku.ac.jp/ecei_web/admission/exam_subject.html (3) Calculators or devices such as watches or mobile phones with calculation or communication functions are not allowed in the examination room.
	Basic subjects	Tue., Aug. 25, 9:30 to 11:30 a.m. (Meeting time 9: 00 a.m.)	Choose 2 questions from the following 6 areas: electromagnetics, electrical circuits, basic information science 1, basic information science 2, basic physics, basic mathematics	Department inquiries: Electronic Information System and Applied Physics Academic Affairs Section Phone: 022-795-7186 In order to prevent the spread of infection

Department	Test Subjects	Date and Time	Description	Remarks
	Interview	Wed., Aug. 26 or Thu., Aug. 27 (time indicated by your department)	Approx. 20-minute presentation about your university education or master's thesis, and research plans after entering this program, etc. Bring three copies of support materials with you.	of COVID-19, we will notify the examinee separately about the test method when the test cannot be conducted on site.
Applied Physics	English		TOEFL® Test (PBT, iBT) or TOEIC® Listening & Reading Test score certificate is NOT required. At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	Note 1: Subjects may be designated by the applicant's prospective professor. Calculators or devices such as watches or mobile phones with calculation or communication functions are not allowed in the examination room. Department inquiries: Electronic Information System and Applied Physics Academic Affairs Section Phone: 022-795-7186
	Basic subjects	Tue., Aug. 25, 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.	In order to prevent the spread of infection of COVID-19, we will notify the examinee separately about the test method when the test cannot be conducted on site.

Department	Test Subjects	Date and Time	Description	Remarks
	Specialized subjects	Tue., Aug. 25 1:00 to 2:30 p.m.	Choice of 2 questions from the following fields: electromagnetism (electrostatics, magnetostatics, electromagnetic induction, electromagnetic wave), statistical mechanics, condensed matter physics, physical experiments and measurements, and special field-specific subjects (Note 1). English translations provided as necessary.	
	Field-specific interview	Tue., Aug. 25, from 3:30 p.m.	Presentation on master's thesis for 25 min. and oral test.	
	Interview	Wed, Aug. 26, from 9:00 a.m.	Presentation on master's thesis for 10 min. and oral test. English ability may also be asked about.	
Applied Chemistry, Chemical Engineering, Biomolecular Engineering	Specialized subjects	Tue., Aug. 25, 9:00 to 11:30 a.m.	Choice of 3 questions from total of 8 (2 each in inorganic and physical chemistry, organic chemistry, biochemistry, and, chemical engineering)	(1) If admission screening examinations cannot be performed in a conventional manner due to coronavirus (COVID-19) precautions, examinees will be informed of alternative formats. (2) Examination schedule may be changed due to epidemic precautions. Department inquiries: Office: 022-795-7205 Website: http://www.che.tohoku.ac.jp/index-j.html
	English	Tue., Aug. 25, 1:00 to 2:00 p.m.		
	Interview test	Tue., Aug. 25 from 3:00 p.m.	Summary presentation about master's thesis and oral test	

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. If you are unable to take the English Proficiency Tests required in application guideline due to the spread of COVID-19 infection, we will accept the application documents as exceptional. In this case, attach other document that shows your English proficiency (for instance, score sheet of English Proficiency Test (Eiken), TOEFL ITP, TOEFL iBT Special Home Edition Test, etc.) instead.	(1) The English test may be waived for those who have completed master's programs at this school. (2) Schedules etc. will be notified individually. (3) Submitted TOEFL®/TOEIC® score sheets will not be returned. However, this excludes TOEFL® "Test Taker Score Report". It can be returned on the entrance examination day if the applicant makes a request at the time of application.
	General field-specific subjects	Tue., Aug. 25 to Thu., Aug. 27 (40 minutes)	Oral test in physics, chemistry, materials chemistry, materials properties of matter, and materials processing.	(4) Please refer to the following website to ensure further details, especially the types of TOEFL®/TOEIC® scores to meet the admission requirement. http://www.material.tohoku.ac.jp/admission/index.html
	Designated field-specific subjects	Tue., Aug. 25 to Thu., Aug. 27 (40 minutes)	Oral presentation about the conducted research up to now or about master's thesis.	*To prevent the spread of COVID-19 infection, the examinees will be notified separately regarding the test method when face-to-face tests cannot be conducted. *Inquire with the department for details. Academic Affairs Section: 022-795-7373

Department	Test Subjects	Date and Time	Description	Remarks
Civil and Environmental Engineering	English		TOEFL® Test (PBT, iBT) or TOEIC® Listening & Reading Test Score Certificate is REQUIRED as described in the application guideline in principle. If you couldn't take the tests within 2 years, you can submit the certificate taken before that. In addition to the tests described in the application guideline, TOEFL iBT® Special Home Edition is also valid for this time as exceptional. Applicants need to submit the certificate before the entrance examination begins. If you are unable to submit any of the certificates, please submit a statement of reasons before the entrance examination begins. When justifiable reasons are provided, your grade in English in your university report is used for evaluation. At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam. ※ To submit the TOEFL iBT® Special Home Edition score, follow the procedure below. (1) BE SURE to complete the procedure for sending your Official Score Reports to the School of Engineering, Tohoku University (code: 8958), when you apply for taking the test. (2) Print out your score that can be confirmed through your ETS account, and submit the sheet before the entrance examination begins ※ Please send your certificate to the address shown in application guideline. From the day before the examination, you need to send the certificate to the Academic Affairs Section of Department of Civil Engineering directly.	(1) Calculators or dictionaries or devices such as watches or mobile phones with calculation or communication functions are not allowed in the examination room. (2) Time and place of the interview will be notified by the department. (3) In case of suspension of the test on site due to novel coronavirus, the details of an online test will be notified by your department. (4) Inquire with the department for details. Phone: 022-795-7489 (Civil Engineering and Architecture Academic Affairs Section)

Department	Test Subjects	Date and Time	Description	Remarks
	Oral test	Tue., Aug. 25	Within 15-minute presentation on master's thesis (completed or in progress; may use PC), followed by questions about the presentation contents.	
	Interview	Tue., Aug. 25		
Architecture and Building Science	Oral test	Tue., Aug. 25 or Wed., Aug. 26	Presentation on master's thesis or equivalent study and research plans (may use PC), followed by questions about presentation contents.	(1) Time and place of the interview will be notified by the department. (2) An additional assignment may need to be submitted according to the situation. (3) If any changes are made for preventing the spread of COVID-19, the examinees will be notified by the department. Department inquiries: Civil Engineering and Architecture Academic Affairs Section Phone 022-795-7489
	Interview	Tue., Aug. 25 or Wed., Aug. 26	At the same time of the oral test.	
Management Science and Technology	English		TOEFL® Test (PBT, iBT) or TOEIC® Listening & Reading Test score certificate is NOT required. English ability is measured by Undergraduate Transcripts, etc. At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	Time and place for the oral test will be notified by the department. *If any further changes are made for preventing the spread of COVID-19, the examinees will be notified by the department. Department inquiries: Office: 022-795-3863 Website: http://www.most.tohoku.ac.jp
	Short essay	Tue., Aug. 25, 1:00 to 3:00 p.m.	Composition on technology and society.	



Department	Test Subjects	Date and Time	Description	Remarks
	Oral test	Wed., Aug. 26 from 9:00 a.m. or Thu., Aug. 27 from 9:00 a.m.	Presentation on research up to now and plans for research after entering program, followed by questions on presentation contents, etc. English ability may also be asked about.	

(C) Special Selection Program for Working Adults

Department	Test Subjects	Date and Time	Description	Remarks
Mechanical Systems Engineering, Finemechanics, Robotics , Aerospace Engineering	Oral test	Wed., Aug. 26 or Thu., Aug. 27 (time indicated by your department)	<Presentation and questions> (Approx. 30minutes) Presentation on your research, such as a master's thesis, and followed by questions on presentation contents. <Oral test> (Approx. 20 minutes) Questions from mathematics and specialized subjects. *On the scope of mathematics, it is the same as the written tests Math A and Math B. On the scope of specialized subjects, it is the same as written test. Choose 2 subjects beforehand from the following 5 areas: Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering.	(1) The applicant whose research achievement or research history is recognized as qualified, will be exempted from the oral exam (about 20 minutes) and the research presentation and Q & A sections will be extended by 10 minutes each. The total amount of time allotted will be approximately 40 minutes. The applicant should ask the prospective professor as to the details for an exemption and an application method for the oral examination (about 20 minutes) exemption. (2) On the scope of each subject, inquire with your department or confirm with the website below. http://www.mech.tohoku.ac.jp/ (3) Since there is a high possibility that it will be an online test, secure an internet environment and be sure to prepare a personal computer, WEB camera and smartphone with camera function (or scanner). (4) We will inform you when the test voucher is shipped (in early August) whether it is an online test or a local test. Department inquiries: Systems Science and Mechanical Engineering Academic Affairs Section Phone: 022-795-7030

Department	Test Subjects	Date and Time	Description	Remarks
Quantum Science and Energy Engineering	Oral test	Wed., Aug. 26 or Thu., Aug. 27 (held online) The schedule will be announced by the department head. (time indicated by your department)	<Presentation and questions> (Approx. 30 minutes) Presentation on your research, such as a master's thesis, and followed by questions about presentation contents. <Oral test> (Approx. 20 minutes) Questions from mathematics and specialized subjects. *On the scope of mathematics, it is the same as written tests Math A and Math B. On the scope of Specialized subjects is the same as written test. Chose 2 subjects beforehand from the following 8 areas: Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering, Material Science, Electromagnetics, Quantum Mechanics	(1) The applicant whose research achievement or research history is recognized as qualified, will be exempted from the oral exam (about 20 minutes) and the research presentation and Q & A sections will be extended by 10 minutes each. The total amount of time allotted will be approximately 40 minutes. The applicant should ask your prospective professor as to the details for an exemption and an application method for the oral examination (about 20 minutes) exemption. (2) On the scope of each subject, inquire with your department or confirm with the website below. http://www.qse.tohoku.ac.jp/ Department inquiries: Systems Science and Mechanical Engineering Academic Affairs Section Phone: 022-795-7030
Electrical Engineering, Communications Engineering, Electronic Engineering	Interview	Wed., Aug. 26 or Thu., Aug. 27 (time indicated by your department)	Approx. 20-minute presentation about studies up to now and research plans after entering this program. Take three copies of support materials with you.	In order to prevent the spread of infection of COVID-19, we will notify the examinee separately about the test method when the test cannot be conducted on site.
Applied Physics	Interview	Wed., Aug. 26, from 9:00 a.m.	Presentation on research for 10 min. and oral test. English ability may also be asked about.	The field-specific interview will be held prior to the entrance exam (late August). In order to prevent the spread of infection of COVID-19, we will notify the examinee separately about the test method when the test cannot be conducted on site.

Department	Test Subjects	Date and Time	Description	Remarks
Applied Chemistry, Chemical Engineering, Biomolecular Engineering	Interview test	Wed., Aug. 26, from 9:30 a.m.	Research presentation and oral test	(1) If admission screening examinations cannot be performed in a conventional manner due to coronavirus (COVID-19) precautions, examinees will be informed of alternative formats. (2) Examination schedule may be changed due to epidemic precautions. Department inquiries: Office: 022-795-7205 Website: http://www.che.tohoku.ac.jp/index-j.html
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. If you are unable to take the English Proficiency Tests required in application guideline due to the spread of COVID-19 infection, we will accept the application documents as exceptional. In this case, attach other document that shows your English proficiency (for instance, score sheet of English Proficiency Test (Eiken), TOEFL ITP, TOEFL iBT Special Home Edition Test, etc.) instead.	(1) Submission of TOEFL®/TOEIC® score sheet may be waived for qualified applicants. Ask your prospective professor for details. (2) Schedules etc. will be notified individually. (3) Submitted TOEFL®/TOEIC® score sheets will not be returned. However, this excludes TOEFL® “Test Taker Score Report”. It can be returned on the entrance examination day if the applicant requests at the time of application. (4) Please refer to the following website to ensure further details, especially the types of TOEFL®/TOEIC® scores to meet the admission requirement. http://www.material.tohoku.ac.jp

Department	Test Subjects	Date and Time	Description	Remarks
	General field-specific subjects	Tue., Aug. 25 to Thu., Aug. 27 (40 minutes)	Oral test in physics, chemistry, materials chemistry, materials properties of matter, and materials processing.	/admission/index.html *To prevent the spread of COVID-19 infection, the examinees will be notified separately regarding the test method when face-to-face tests cannot be conducted. *Inquire with the department for details. Academic Affairs Section: 022-795-7373
	Designated field-specific subjects	Tue., Aug. 25 to Thu., Aug. 27 (40 minutes)	Oral presentation about research conducted up to now or master's thesis.	
Civil and Environmental Engineering	Short essay	Tue., Aug. 25, 9:30 to 11:00 a.m.	Topics related to civil and environmental engineering	(1) Calculators, dictionaries, or devices such as watches or mobile phones with calculation or communication functions are not allowed in the examination room.
	Oral test	Tue., Aug. 25,	Within 15-minute presentation on research or work at the place of employment (may use PC), followed by questions about the presentation contents.	(2) Time and place of the interview and oral test will be notified by the department. (3) In case of suspension of the test on site due to novel coronavirus, the details of an online test will be notified by your department.
	Interview	Tue., Aug. 25,		(4) Inquire with department for details. Phone: 022-795-7489 (Civil Engineering and Architecture Academic Affairs Section)
Architecture and Building Science	Oral test	Tue., Aug. 25 or Wed., Aug. 26	Presentation on research plans (may use PC), followed by questions about presentation contents.	(1) Time and place of the interview and the oral test will be notified by the department.

Department	Test Subjects	Date and Time	Description	Remarks
	Interview	Tue., Aug. 25 or Wed., Aug. 26	At the same time of the oral test.	(2) An additional assignment may need to be submitted according to the situation. (3) Inquire with the department for details. (4) If any changes are made for preventing the spread of COVID-19, the examinees will be notified by the department. Department inquiries: Civil Engineering and Architecture Academic Affairs Section Phone 022-795-7489
Management Science and Technology	Oral test	Wed., Aug. 26 from 9:00 a.m. or Thu., Aug. 27 from 9:00 a.m.	Presentation on research work up to now and plans for research after entering program, followed by questions on presentation contents, etc.	Time and place of the oral test will be notified by the department. *If any further changes are made for preventing the spread of COVID-19, the examinees will be notified by the department. Department inquiries: Office: 022-795-3863 Website: http://www.most.tohoku.ac.jp

(D) 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 of 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.	*Evaluate according to the contents of the transcript. The application is not acceptable if the applicant, except 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.) It is "failed" if the submitted score does not meet the following requirement. —(550 for TOEFL-PBT, 79 for TOEFL-iBT, or 730 for TOEIC)—
	Math A (mandatory)	Tue., Aug. 25, 9:30 to 10:30 11:00 a.m. (assemble at 9:00)	Differential and Integral Calculus, Linear Algebra, Vector Analysis	(1) The written test may be waived depending on the applicant's record as indicated on transcripts. (2) On the scope of each subject, inquire with your department or confirm with the website below. http://www.mech.tohoku.ac.jp/ (3) Calculators or devices such as watches or 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 they will be notified of the written test results will be announced on the first day of testing. (5) Since there is a high possibility that it will be an online test, secure an internet environment and be sure to prepare a personal computer, WEB camera and smartphone with camera function (or scanner).
	Math B (mandatory)	Tue., Aug. 25, 1:30 to 2:30 3:00 p.m.	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms	
	Specialized subjects (elective)*	Wed., Aug. 26, 9:30 9:00 to 10:30 a.m. noon (assemble at 9:00 8:30)	Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering, *Choose any two of the above listed five subjects.	

Department	Test Subjects	Date and Time	Description	Remarks
	Interview	Thu., Aug. 27 (time indicated by your department)	Questions about your master's thesis, etc. and research plans after entering this program.	(6) We will inform you when the test voucher is shipped (in early August) whether it is an online test or a local test. Department inquiries: Systems Science and Mechanical Engineering Academic Affairs Section Phone: 022-795-7030
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.	The application will be accepted if the applicants, (except those whose native language is English) are able to submit the documents showing their English scholastic ability (Eiken, TOEFL ITP, TOEFL iBT Special Home Edition Test and so on). 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.)
	Math A (mandatory)	Tue., Aug. 25, 9:30 to 10:30 11:00 a.m. (assemble at 9:00)	Differential and Integral Calculus,, Linear Algebra, Vector Analysis	(1) The written test may be waived depending on the applicant's record as indicated on transcripts. (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)	Tue., Aug. 25, 11:30 1:30 to 12:30 3:00 p.m.	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms	(3) Calculators or devices such as watches or mobile phones with calculation or

Department	Test Subjects	Date and Time	Description	Remarks
	Specialized subjects (elective)*	Tue. Wed., Aug. 25 26, 13:30 9:00 to 14:30 noon (assemble at 8:30)	Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, Control Engineering, Materials Science, Electromagnetics, Quantum Mechanics *Choose any two of the above listed eight subjects. Choose any two of the specialized subjects. The applicants must notify the chosen subjects to the department office in advance. The subjects cannot be changed once decided.	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 they will be notified of the written test results will be announced on the first day of testing. (5) An internet connection environment is required. Interviews will be held online, and written exams might be also held online. The detail procedure will be informed later.
	Interview	Thu., Aug. 27 (held online) The schedule will be announced later by the department head. (time indicated by your department)	Questions about your master's thesis, etc. and research plans after entering this program.	Department inquiries: Systems Science and Mechanical Engineering Academic Affairs Section Phone: 022-795-7030
Electrical Engineering, Communications Engineering, Electronic Engineering	English		TOEFL® Test (PBT, iBT) or TOEIC® Listening & Reading Test score certificate is NOT required. English achievements in your university report are used for evaluation. At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	(1) On the scope of each subject, inquire with your department or confirm with the website below. http://www.ecei.tohoku.ac.jp/ecei_web/admission/exam_subject.html (2) Calculators or devices such as watches or mobile phones with calculation or communication functions are not allowed

Department	Test Subjects	Date and Time	Description	Remarks
	Basic subjects	Tue., Aug. 25, 9:30 to 11:30 a.m. (Meeting time 9: 00 a.m.)	Choice of 2 questions from the following 6 areas: electromagnetics, electrical circuits, basic information science 1, basic information science 2, basic physics, basic mathematics	in the examination room. Department inquiries: Electronic Information System and Applied Physics Academic Affairs Section Phone: 022-795-7186 In order to prevent the spread of infection of COVID-19, we will notify the examinee separately about the test method when the test cannot be conducted on site.
	Interview	Wed., Aug. 26 or Thu., Aug. 27 (time indicated by your department)	Approx. 20-minute presentation about your university education or master's thesis, and research plans after entering this program, etc. Take three copies of support materials with you. To include assessment of Japanese language ability.	
Applied Physics	English		TOEFL® Test (PBT, iBT) or TOEIC® Listening & Reading Test score certificate is NOT required. 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.	The written test will be waived for foreign student applicants with outstanding qualifications. The field-specific interview will be held prior to the entrance exam (late August). Note 1: Subjects (one, two, or none) may be designated by the applicant's prospective professor. Calculators or devices such as watches or

Department	Test Subjects	Date and Time	Description	Remarks
	Basic subjects	Tue., Aug. 25, 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.	mobile phones with calculation or communication functions are not allowed in the examination room. Department inquiries: Electronic Information System and Applied Physics Academic Affairs Section Phone: 022-795-7186 In order to prevent the spread of infection of COVID-19, we will notify the examinee separately about the test method when the test cannot be conducted on site.
	Specialized subjects	Tue., Aug. 25 1:00 to 2:30 p.m.	Choice of 2 questions from the following fields: electromagnetism (electrostatics, magnetostatics, electromagnetic induction, electromagnetic wave), statistical mechanics, condensed matter physics, physical experiments and measurements and special field-specific subjects (note 1). English translations provided as necessary.	
	Interview	Wed., Aug. 26, from 9:00 a.m.	Presentation on research for 10 min. and oral test. English ability may also be asked about.	
Applied Chemistry, Chemical Engineering, Biomolecular Engineering	Basic subjects	Tue., Aug. 25, 9:00 to 10:30 a.m.	Choice of 1 question from Basic I (inorganic chemistry, analytical chemistry, physical chemistry), Basic II (organic chemistry), and math	(1) If admission screening examinations cannot be performed in a conventional manner due to coronavirus (COVID-19) precautions, examinees will be informed of alternative formats. (2) Examination schedule may be changed due to epidemic precautions. Department inquiries:
	Specialized subjects		Applicant's field of specialty	

Department	Test Subjects	Date and Time	Description	Remarks
	Interview test	Tue., Aug. 25, from 11:00 a.m.	Summary presentation about master's thesis and oral test	Office: 022-795-7205 Website: http://www.che.tohoku.ac.jp/index-j.html
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. If you are unable to take the English Proficiency Tests required in application guideline due to the spread of COVID-19 infection, we will accept the application documents as exceptional. In this case, attach other document that shows your English proficiency (for instance, score sheet of English Proficiency Test (Eiken), TOEFL ITP, TOEFL iBT Special Home Edition Test, etc.) instead.	(1) Please refer to the following website to ensure further details, especially the types of TOEFL®/TOEIC® scores to meet the admission requirement. http://www.material.tohoku.ac.jp /admission/index.html (2) Submission of TOEFL®/TOEIC® score sheet may be waived for qualified applicants. Ask your prospective professor for details.
	General field- specific subjects	Tue., Aug. 25 to Thu., Aug. 27 (40 minutes)	Oral test in physics, chemistry, materials chemistry, materials properties of matter, and materials processing.	(3) Schedules etc. will be notified individually. *To prevent the spread of COVID-19 infection, the examinees will be notified separately regarding the test method when face-to-face tests cannot be conducted.
	Designated field-specific subjects	Tue., Aug. 25 to Thu., Aug. 27 (40 minutes)	Oral presentation about research conducted up to now or master's thesis. (English or Japanese).	*Inquire with the department for details. Academic Affairs Section: +81-22-795-7373
Civil and Environmental Engineering	English		TOEFL® Test (PBT, iBT) or TOEIC® Listening & Reading Test Score Certificate is REQUIRED as described in the application guideline in principle. If you couldn't take the tests within 2	(1) Ask your prospective professor regarding the fields of specialized subjects and the number of questions from each field.

Department	Test Subjects	Date and Time	Description	Remarks
			years, you can submit the certificate taken before that. In addition to the tests described in the application guideline, TOEFL iBT® Special Home Edition is also valid for this time as exceptional. Applicants need to submit the certificate before the entrance examination begins. If you are unable to submit any of the certificates, please submit a statement of reasons before the entrance examination begins. When justifiable reasons are provided, your grade in English in your university report is used for evaluation. At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam. ※ To submit the TOEFL iBT® Special Home Edition score, follow the procedure below. (1) BE SURE to complete the procedure for sending your Official Score Reports to the School of Engineering, Tohoku University (code: 8958), when you apply for taking the test. (2) Print out your score that can be confirmed through your ETS account, and submit the sheet before the entrance examination begins ※ Please send your certificate to the address shown in application guideline. From the day before the examination, you need to send the certificate to the Academic Affairs Section of Department of Civil Engineering directly.	(2) Calculators, dictionaries, or devices such as watches or mobile phones with calculation or communication functions are not allowed in the examination room. (3) Time and place for the oral test will be notified by the department. (4) In case of suspension of the test on site due to novel coronavirus, the details of an online test will be notified by your department. (5) Inquire with the department for details. Phone: 022-795-7489 (Civil Engineering and Architecture Academic Affairs Section)
	Oral test	Tue., Aug. 25	Within 15-minute presentation on master's thesis (completed or in progress; may use PC), followed by questions about the presentation contents.	

Department	Test Subjects	Date and Time	Description	Remarks
	Specialized subjects	Tue., Aug.25, 2:30 p.m. to 4:30 p.m.	Choice of 3 questions from 4 questions on the test. Prospected adviser selects 1-4 fields from the list below, considering applicant's background, filed of specialization and research plan. In total 4 questions from the selected fields will be on the test. 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	Tue., Aug. 25 or Wed., Aug. 26		
Architecture and Building Science	Oral test	Tue., Aug. 25 or Wed., Aug. 26	Presentation on master's thesis or equivalent and research plans (may use PC), followed by questions about presentation contents.	(1) Time and place for the oral test will be notified by the department. (2) An additional assignment may need to be submitted according to the situation.
	Interview	Tue., Aug. 25 or Wed., Aug. 26	At the same time of the oral test.	(3) If any changes are made for preventing the spread of COVID-19, the examinees will be notified by the department. Department inquiries: Civil Engineering and Architecture

Department	Test Subjects	Date and Time	Description	Remarks
				Academic Affairs Section Phone 022-795-7489
Management Science and Technology	English		TOEFL® Test (PBT, iBT) or TOEIC® Listening & Reading Test score certificate is NOT required. English ability is measured by Undergraduate Transcripts, etc. At the time of application, submit an original TOEFL® or TOEIC® score sheet no older than two years before the entrance exam.	Time and place for the oral test will be notified by the department. *If any further changes are made for preventing the spread of COVID-19, the examinees will be notified by the department. Department inquiries: Office: 022-795-3863 Website: http://www.most.tohoku.ac.jp
	Short essay	Tue., Aug. 25, 1:00 to 3:00 p.m.	Composition on technology and society	
	Oral test	Wed., Aug. 26 from 9:00 a.m. or Thu., Aug. 27 from 9:00 a.m.	Presentation on research up to now and plans for research after entering program, followed by questions on presentation contents, etc. English ability may also be asked about.	