

Changes in the Content of Entrance Examination of the Group 4 Civil Engineering (Two-Year Master's Program: International student admission)

The examination contents of the Group 4 Civil Engineering (Two-Year Master's Program: International student admission) are changed* as listed below from the Entrance Examination in February-March 2022.

* Changed parts are underlined.

Two-Year Master's Program: International student admission

Group 4 Civil Engineering	
Written examinations	<p>English</p> <p>Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test scoresheet from an examination taken no more than two years before the first day of the entrance examinations. The scoresheet is the Test Taker Score Report in the case of TOEFL®Test, and the Official Score Certificate in the case of TOEIC®Test. When submitting the TOEFL®Test Institutional Score Report, please ensure that your score report is sent directly from U.S. ETS and reach to the GSIS office by the final day of the application period. (For mailing, the GSIS's DI code is 2149.)</p>
	<p><u>Basic subjects: The examination time is one hour.</u></p> <p><u>Select two subjects out of the following four subjects: Differential and Integral Calculus, Linear Algebra, Probability and Statistics, and Biology and Ecology.</u></p>
	<p>Specialized subjects: <u>The examination time is one hour.</u></p> <p><u>Applicants must choose four questions out of 17 questions on 8 subjects:</u></p> <p><u>1. Mathematics (differential and integral calculus (1 question), linear algebra (1 question), probability and statistics (1 question))</u></p> <p><u>2. Mechanics of Elastic Bodies and Structures (2 questions):</u></p> <p><u>3. Geotechnical and Concrete Engineering (2 questions)</u></p> <p><u>4. Hydraulics (2 questions):</u></p> <p><u>5. Water Quality and Environment (2 questions):</u></p> <p><u>6. Biological and Ecological Engineering (2 questions):</u></p> <p><u>7. Transportation Engineering and Planning (2 questions):</u></p> <p><u>8. Operations Research (2 questions):</u></p> <p><u>Select one of the following three academic fields: [Infrastructural Engineering], [Water and Environmental Studies], or [Transportation and Urban Planning].</u></p> <p><u>[Infrastructural Engineering]</u></p> <p><u>Select two subjects out of the following three subjects: Structural Engineering, Concrete Engineering, and Geotechnical Engineering.</u></p> <p><u>[Water and Environmental Studies]</u></p> <p><u>Select two subjects out of the following four subjects: Hydraulics, River Engineering, Water Quality Engineering, and Environmental Planning.</u></p> <p><u>[Transportation and Urban Planning]</u></p> <p><u>Select two subjects out of the following three subjects: Operations Research, Transportation Planning, and Transportation Engineering.</u></p>
	<p>Notes</p> <p>(1) No dictionary or calculator allowed.</p> <p>(2) For past entrance examination questions and question scope, please refer to the following website:</p> <p>http://www.civil.tohoku.ac.jp/inshi.html</p>
Oral Examination	<p>Applicants will be notified of the exact date and start time separately. Questions cover the education received in the previous institution, the content of the thesis (including the one in progress), their drive and motivation, and research goals following admission, etc. The Japanese language proficiency of the applicants is also judged.</p>

Changes in the Content of Entrance Examination of the Group 4 Civil Engineering (Three-Year Doctoral Program: Transfer-admission for international students)

The examination contents of the Group 4 Civil Engineering (Three-Year Doctoral Program: Transfer-admission for international students) are changed* as listed below from the Entrance Examination in August 2022.

The content of the entrance examination in February-March 2022 is the same as below because the examination taken place in winter has already been changed in 2020.

* Changed parts are underlined.

Three-Year Doctoral Program: Transfer-admission for international students

Group 4 Civil Engineering	
Oral examination	Applicants will be notified of the exact date and start time separately. Applicants must speak for approximately 15 minutes on the education they received at their former graduate school and their master's thesis (including theses under production). (PC projectors can be used. If you wish to use a PC projector, please contact the Educational Affairs Section beforehand.) Applicants will be asked questions on their presentation, drive and motivation, and research goals after admission. On the day of the examination, bring eight copies of materials related to your presentation (presentation outline, blueprints, etc.; A4 size).
Written examinations	English Applicants must provide at the time of application their original TOEFL®Test or TOEIC®Test scoresheet from an examination taken no more than two years before the first day of the entrance examinations. The scoresheet is the Test Taker Score Report in the case of TOEFL®Test, and the Official Score Certificate in the case of TOEIC®Test. When submitting the TOEFL®Test Institutional Score Report, please ensure that your score report is sent directly from U.S. ETS and reach to the GSIS office by the final day of the application period. (For mailing, the GSIS's DI code is 2149.)
	<u>Specialized subjects</u> <u>Written examination will be taken on subjects in relation to applicants' specialized fields.</u>
	<u>Notes</u> <u>(1) Regarding specialized subjects, select 3 questions from 4 questions.</u> <u>(2) Please consult your academic advisor about the examination content of specialized subjects.</u>