# AY2021 Entrance Examination Guide  
Department of Electrical Engineering and Information Systems (EEIS)

## Master’s Program Entrance Examination Guide

### 1. Examination Dates and General Information

<table>
<thead>
<tr>
<th>Subject</th>
<th>Schedule</th>
<th>Venue</th>
<th>What to bring</th>
<th>Notes</th>
</tr>
</thead>
</table>
| English (TOEFL-ITP) | Monday, August 24  
9:00 - 11:30 | Venue info can be found in the “Foreign Language Examination Guide” enclosed in the examination packet. | Admission card, sharpened black (or mechanical) pencils, eraser, pencil sharpener, ruler, watch equipped with time-keeping function only. **Note**: use of calculators, watch calculators, cell phones, and dictionaries is not allowed. | Applicants who have submitted an official TOEFL-iBT or TOEFL-PBT score cannot take this English test. |
| Regular education subject (mathematics) | Monday, August 24  
13:00 - 15:30 | Venue info can be found in the “Regular Education Subject Examination Guide” enclosed in the examination packet. | | Please refer to 2 (1) |
| Supervisor preference survey (sheet distribution) | Monday, August 24  
15:30 - 16:30 | Engineering Bldg. 2 Lecture room 241 | Admission card | Please refer to 2 (3) |
| Specialized subject (Electrical & Electronic Engineering and Information Engineering) | Tuesday, August 25  
9:00 - 11:30 | Engineering Bldg. 2 Lecture room 241 Lecture room 242 Lecture room 243 Lecture room 244 | Admission card, sharpened black (or mechanical) pencils, eraser, pencil sharpener, ruler, watch equipped with time-keeping function only. **Note**: use of calculators, watch calculators, cell phones, and dictionaries is not allowed. | Please refer to 2 (2) |
| Supervisor preference survey (sheet collection) | Tuesday, August 25  
11:30 - 12:00 | Engineering Bldg. 2 Lecture room 241 Lecture room 242 Lecture room 243 Lecture room 244 | Admission card, Supervisor Preference Survey (distributed on the previous day) | Please refer to 2 (3) |
| Oral examination | Tuesday, August 25 | Waiting room: Engineering Bldg. 2 | Admission card | Please refer to 2 (4) |
2. Examination Subjects

Examination subjects (other than English) for master's program applicants are as follows.

(1) Regular Education Subject (Mathematics)
For details, please check “Application Guidelines” for master’s programs provided by the Graduate School of Engineering, the University of Tokyo. Past examination problems are downloadable at the following pages:
- http://www.t.u-tokyo.ac.jp/soee/admission/general.html
- https://www.t.u-tokyo.ac.jp/soee/admission/general_past.html

(2) Specialized Subject (Electrical & Electronic Engineering and Information Engineering)
The test will cover basic knowledge needed to conduct graduate-level research in electrical & electronic engineering and information engineering. From the entrance exams in the academic year of 2020, to encourage the participation of applicants with backgrounds other than electrical/electronic engineering and computer science, we revise the structure of Specialized subject examinations and reduce the required number of problems to choose: examinees are requested to choose and answer two problems out of the following six problems in Specialized subject:

Electromagnetism, Electrical Circuits, Information (I), Information (II), Solid-State Physics, and Control and Electric Energy Engineering.

For details, please refer to the department homepage (http://www.eeis.t.u-tokyo.ac.jp/en/index.html).

(3) Distribution and Collection of Supervisor Preference Survey
Applicants to the master's program will be given the “2021 Department of Electrical Engineering and Information Systems Supervisor Preference Survey” (a computer-scored sheet) after the Regular Education Subject test (mathematics). Applicants must fill out the form and submit it after the Specialized Subject test (Electrical & Electronic Engineering and Information Engineering) held on the next day (see "3. Supervisor Preference Survey" for details).

(4) Oral Examination
An oral examination is conducted as a part of the application process. The examinee's motivation for the application, their undergraduate research theme, basic knowledge of the field to which they are applying, and the results of the written examinations will be some of the topics covered during the oral examination. Please fill in all the necessary information in the "2021 Questionnaire, Department of Electrical Engineering and Information Systems" for the master's program and submit the questionnaire along with the application form.
3. Supervisor Preference Survey

Applicants to the master's program must fill out the “2021 Department of Electrical Engineering and Information Systems Supervisor Preference Survey” to confirm their final supervisor preference. The supervisor assignment is conducted in the fairest manner possible based on this list, regardless of whether or not the applicant is currently enrolled in The University of Tokyo's Department of Information and Communication Engineering, or Department of Electrical and Electronic Engineering. In some cases, an applicant may be assigned to a supervisor who he/she does not list in the survey. If an applicant is a research student who already belongs to a laboratory listed in p. 11-16 of AY2021 Guide to Entrance Examinations, he/she must list his/her current host professor as the first choice.

Applicants who pass the examination will be notified of their supervisor assignment in a timely manner. Applicants who pass the examination and decide not to enroll in the graduate school should notify the Graduate School Team at the Office of Academic Affairs by submitting a document (Letter Declining Offer of Admission) as soon as possible.

4. Important Notice

Successful applicants will join the department that their supervisor belongs to. Successful applicants will be given the option of starting their program in September, provided that the applicants fulfill the entrance requirements designated by the School of Engineering.

Entrance examination results may be utilized for the improvement of future entrance examinations and education at the University of Tokyo.

The Department of Electrical Engineering and Information Systems cannot facilitate a visa for applicants who wish to take the entrance examination.

5. 2021 Questionnaire, Department of Electrical Engineering and Information Systems

For our reference during the oral examination, explain your reasons for choosing your desired supervisor(s) and research field(s). (It does not matter if the description differs from the one in the “Supervisor Preference Survey,” which will be distributed during the examination.) Additionally, please describe the theme of your graduation research and plans following graduation.

6. Transcripts and Grade Summary Sheets for Undergraduate Courses and Equivalents

Transcripts for undergraduate courses (or equivalents) are mandatory for all applicants including (expected) graduates of the Faculty of Engineering, the University of Tokyo. Please submit a “Grade Summary Sheet for Undergraduate Courses and Equivalents” along with your transcripts. Read the information on the reverse side of the sheet carefully, and fill in the sections correctly.

7. Applications from Other Universities or Study Backgrounds

Department of Electrical Engineering and Information Systems aims to foster talents that can contribute to solving global challenges and creating novel values of technology through the inclusion of researchers with a wide variety of backgrounds such as electrical engineering, computer science, physics, material science, chemistry, energy/environmental engineering, control engineering, and space engineering. To encourage the participation of applicants with backgrounds other than electrical/electronic engineering and computer science, we revise the structure of Specialized subject examinations and reduce the required number of problems to choose, from the entrance exams in the academic year of 2020. We are looking forward to working with students from different universities with various knowledge, experience, and research interests.