AY2026 Admission Guide

Department of Information and Communication Engineering

Graduate School of Information Science and Technology
The University of Tokyo

Master's Program / Doctoral Program

Contact [Department Admission Office] Department Office of Electrical Engineering and Information Systems

Address: Faculty of Engineering Building #2, 4th floor, 7-3-1 Hongo Bunkyo-ku, Tokyo 113-8656, Japan

Phone: 03-5841-6712

E-mail: ice-admission@ee.t.u-tokyo.ac.jp

Department Team (Information and Communication Engineering), Graduate School of Engineering / Information Science and Technology Academic Affairs Support Group, The University of Tokyo

> Visit our department's admission website through the graduate school's website:
> https://www.i.u-tokyo.ac.jp/edu/course/ice/admission_e.shtml

> Emergency Contact (in the morning of examination of specialized subject)
> Department of Information & Communication Engineering:
> Office of the department: 03-5841-6712
> Department Admission Office: 03-5841-6669

Objectives of the Department

The mission of the Department of Information and Communication Engineering is to innovate and establish key principles and technologies in computing, communication, and human-computer interaction that empower and shape the future of our increasingly connected and computerized society in a manner that harmonizes with the human being. To this end, we offer education in master's and doctoral programs to train students enthusiastically pursuing the field, with the hope to make a significant contribution to society's better future and to play leading roles in the next generation, on the basis of their solid understanding of both information and communication technologies and our information society.

Keywords: Processor architecture, High-Performance Computing, Parallel Processing, Large-scale Data Processing, Cloud Computing, Mobile Computing, IoT, Natural Language Processing, Computer Vision, Image Processing, Artificial Intelligence, Meta-heuristics, Machine Learning, Quantum computing, Multimedia, Human Interface, Interaction, Virtual Reality, Game AI, Information Security, Personal Information Protection Technology, Intelligent Transportation Systems, Evolutionary Computing, Artificial Life, Complex Systems.

1. Schedules and Venues

1.1. Master's Program, Summer Exam

Document screening

Applicants are screened by the submitted documents. Refer to the admission guide of the graduate school about acceptance notification of the document screening.

Subsequently, applicants who passed the document screening are subject to written examinations and oral examinations. Examination admission cards will be sent to all candidates, but only those whose examination numbers are listed on the Graduate School of Information Science and Technology website are eligible to take the written and oral examinations.

Written Examination and Oral Examination

The written examination will be held at the venue below.

For the written examination of mathematics, please refer to the admission guide of the graduate school.

The oral examination will be conducted online, and the details will be announced separately.

Date	Time	Venue	Subject	Remarks
August 19 (Tue.) 2025	Refer to the admission guide of the graduate school.		Mathematics	See sec. 2.4.
August 20 (Wed.) 2025	10:00～12:30	Engineering Building #2, 4th floor, lecture room 241	Specialized subjects	See sec. 2.5.
August 25 (Mon.) 2025	10:00～14:00	Online	Oral Exam	See sec. 3.3. Applicants for the oral exam will be announced on August 23 (Sat.) on the ICE Entrance Examination Guide website.

1.2. Doctoral Program, Summer Exam

Written and Oral Examinations

The written examination will be held at the venue below.

The oral examination will be conducted online, and the details will be announced separately.

Date	Time	Venue	Subject	Remarks
August 20 (Wed.) 2025	10:00～12:30	Engineering Building #2, 4th floor, lecture room 241	Specialized subjects	See sec. 2.5.
August 22 (Fri.) 2025	9:00～	Online	Oral Exam	See sec. 4.4.

1.3. Master's Program, Winter Exam

Document screening

Applicants are screened by the submitted documents. Refer to the admission guide of the graduate school about acceptance notification of the document screening.

Subsequently, applicants who passed the document screening are subject to written examinations and oral examinations. Examination admission cards will be sent to all candidates, but only those whose examination numbers are listed on the Graduate School of Information Science and Technology website are eligible to take the written and oral examinations.

Written and Oral Examinations

The written examinations will be held at the venue below.

The oral examination will be conducted online, and the details will be announced separately.

Date	Time	Venue	Subject	Remarks
January 20 (Tue.) 2026	10:00～12:30	Engineering Building #2, 4th floor, lecture room 241	Specialized subjects	See sec. 2.5.
January 22 (Thu.) 2026	10:00～12:00	Online	Oral Exam	See sec. 3.3. Applicants for the interview will be announced on January 21 (Wed.) on the ICE Entrance Examination Guide website.

1.4. Doctoral Program, Winter Exam

Written and Oral Examinations

The written examinations will be held at the venue below.

The oral examination will be conducted online, and the details will be announced separately.

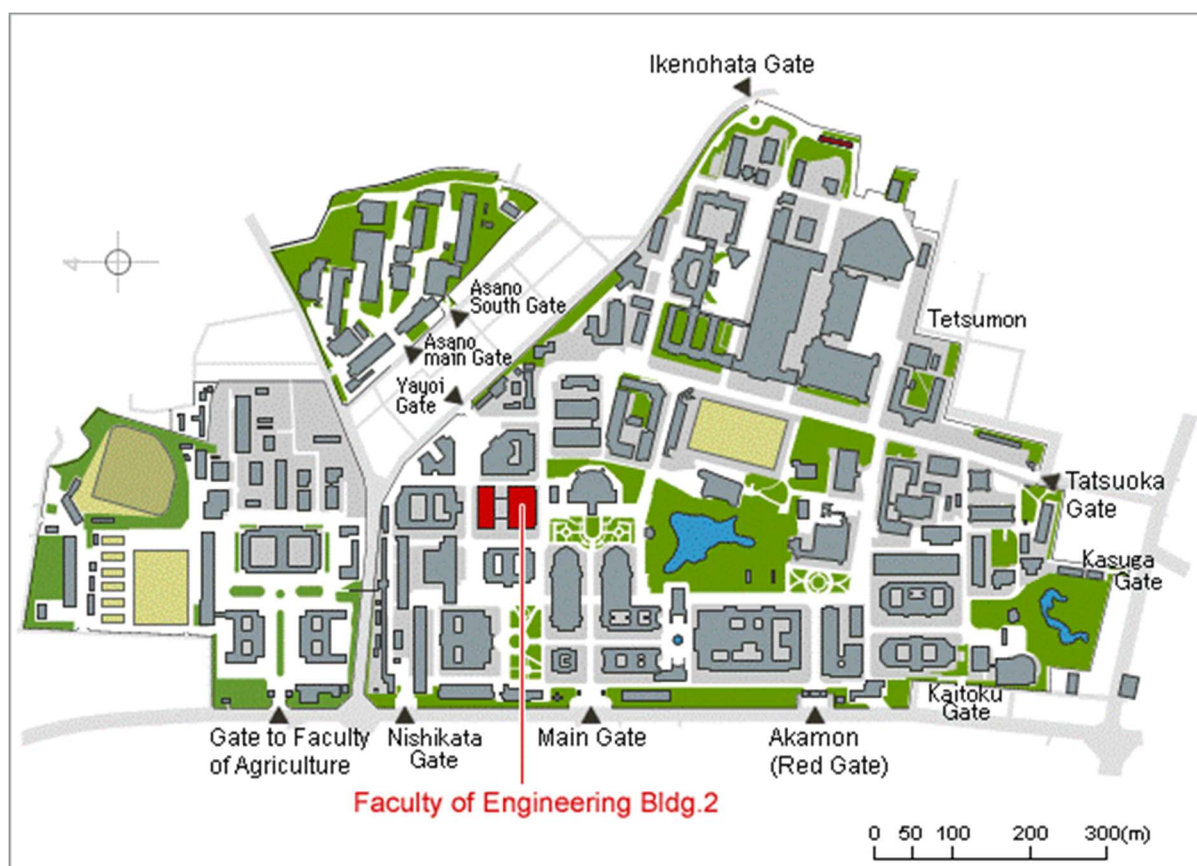| Date	Time	Venue	Subject	Remarks
January 20 (Tue.) 2026	10:00～12:30	Engineering Building #2, 4th floor, lecture room 241	Specialized subjects	See sec. 2.5.
January 21 (Wed.) 2026	13:00～	Online	Oral Exam	See sec. 4.4.

1.5. Map of Examination Venue

The University of Tokyo, Hongo Campus
(7-3-1 Hongo Bunkyo-ku, Tokyo 113-8656)

Department of Information and Communication Engineering

Graduate School of Information Science and Technology

Toei Subways and Tokyo Metro:
    Hongo-sanchome (Marunouchi Line M21 or Oedo Line E08), Nezu (Chiyoda Line C14),
    Todai Mae (Namboku Line N12), or Kasuga (Mita Line I12 or Oedo Line E07)
Toei Bus:
    "Todai Seimon Mae" (東大正門前) on route 東 43 or 茶 51; or "Todai Konai" (東大構
    内) on route 学 01 or 学 07

The details of the general education subject (mathematics) examination are instructed in the graduate school's admission guide and its accompanying guideline of on-site examination. For the specialized subject examination conducted by the department, instructions are given in this admission guide.

2. General Notices

This section describes general rules that apply to the entrance exams of both master's and doctoral programs.

2.1. Application Due and Procedures

See "Section 6. Application Procedures" in the Admission Guide of Graduate School of Information Science and Technology.
If you have any questions about this guide, please consult the Department Admission Office shown on the cover page. This is not the same as the Admission Office of the Graduate School of Information Science and Technology, the address for submitting the application documents.

2.2. Notices

Please be sure to check the ICE (Department of Information & Communication Engineering) Entrance Examination Guide website for the written and oral examinations, as they are subject to change.

2.3. English Evaluation

Your English skill is evaluated by TOEFL score reported via an Official Score Report. For details, see "Guidelines for Submission of TOEFL Scores (for AY2026 Entrance Examinations)," accompanying the admission guide of the graduate school.

2.4. Mathematics

The mathematics examination is conducted only in the summer entrance examination for the master's course. It is not conducted in the winter entrance examination for the master's course and the entrance examination for the doctoral course.
For the written examination of mathematics, refer to the admission guide of the graduate school.

2.5. Specialized Subjects

Five problems are given from the following fields, out of which you choose and answer to three in 2.5 hours: electrical /electronic circuits, computer architecture, digital circuits, algorithms/data structures, optimization/machine learning, telecommunication, signal processing, and information theory.

2.6. Recommendation Letter

Regarding the submission method of the recommendation letters, see 'Online Application Procedures-5. Submission of Recommendation Letters' on the admission website of our Graduate School at https://www.i.u-tokyo.ac.jp /edu/entra/entra_e.shtml
Use the form of the recommendation letter prescribed in this document for the application to the master's program. The form of the recommendation letter for the doctoral course applicant is not prescribed.
A person who is familiar with the applicant's past academic, research, and work performance (not limited to the applicant's academic advisor) may write and submit the recommendation letter. The applicant should give the form to the recommender.
The due date of the recommendation letter is June 12, 2025for summer exam and November 25, 2025 for winter exam.

3. Master's Entrance Exam

3.1. Preference Investigation for Prospective Professors

You are recommended to contact at least one prospective advisor prior to your application.

Make sure to enter **ten professor names** in the WEB Application System. If up to 10 names are not entered, any faculty member will be considered acceptable. Changes in the order of preference after submission are not permitted.

- **Field 1 for Department-Specific Information** of the WEB Application System:
  When there is no significant difference in the ranks (i.e., multiple professors tie in your preference), the numbers of the same ranks should be described clearly. For example, if it is difficult to rank the third to the tenth, write as "Ranks 3 through 10 are the same." If you can rank all the preferences, there is **no need to enter anything.**

- **Field 2 for Department-Specific Information** of the WEB Application System:
  Select up to three research fields from the following items. **Leave it blank** if you have no specific preference.
  - Artificial intelligence, Meta-heuristics, Image processing, Natural language processing, Processor architecture, High-performance computing, Quantum Computing, Communication/Networking, IoT, Database, User interface, VR/AR, Information security.

3.2. Submission of Research Plan

Describe your research plan in the Master's Program by using research plan form prescribed in this document. Send it with the application form. Follow the instructions described in the form.

3.3. Oral Exam

In the summer entrance exam, only applicants who passed prior qualifications—paper screening based on submitted application documents, mathematics, and specialized subjects—are subject to the oral exam. In the winter entrance exam, only applicants who passed prior qualifications— paper screening based on submitted application documents, and specialized subjects—are subject to the oral exam. Applicants for the oral exam will be posted on the ICE Entrance Examination Guide website by 3:00 p.m. on August 23, 2025 (Sat.), for the Summer Examination and by 3:00 p.m. on January 21, 2026 (Wed.), for the Winter Examination. Details will be announced after the exam on specialized subjects. You will be interviewed about the written exams, current research topic, fields of interest, etc.

3.4. Cautions

Only the examinees who passed the Examination by submitted Documents are eligible for the Written and Oral Examinations. Applicants must check the results of the document screening on the website and confirm that they have passed the examination before coming to the written examination site.

4. Doctoral Entrance Exam

4.1. Communication to Prospective Advisors

Communicate with one prospective advisor, **obtain acceptance** to the laboratory and discuss your research plan prior to your application. Enter the name of your prospective supervisor in the field "Supervising Professor of your choice" of the Web application system.

4.2. Required Documents

Include the following in your application.

(i) A Summary Paper

Submit a summary of your master's thesis project (or similar activity), including its overview, objectives, results, and future research plans for the doctoral program in accordance with the following guidelines. Explain the content of the research in an easy-to-understand manner, using figures if necessary.

● Indicate your research topic (title) first.

● Clarify your research contributions.

● Do not exceed four A4-size single-side pages, including figures and tables.

● List your current (or latest) affiliation, name, and page number on top of each page.

● Use Japanese or English.

Instructions for the applicants:

● Do not describe other researchers' papers or articles as if they were your own without citing them.

● Do not include figures or tables from other researchers' papers without indicating the source.

● References in the reference list must be cited in the text.

(ii) Recommendation Letter and List of Achievements

Submit a list of achievements (a list of major publications and conference presentations). Submit a letter of recommendation (any format) from your master's course advisor (or someone who is familiar with your research etc.). However, these submissions may be exempted in some cases; see sec. 4.3 for the conditions. The recommendation form should be filled out by the recommender, and the PDF file should be uploaded to the designated site. The upload site will be announced separately by the graduate school.

(iii) Recommendation Letter by the Applicant's Manager

If you are a working applicant and wish to enter the University while still employed, you must submit a letter of recommendation (in an arbitrary format) written by one of your managers instead of the recommendation letter (ii). It is necessary even if the exemption rule in sec. 4.3 is applicable.

4.3. Exemption of TOEFL, Specialized Subjects, Recommendation Letter, and List of Achievements

● Submission of TOEFL score (sec. 2.3), specialized subjects (sec. 2.5), a letter of recommendation written by your master's thesis advisor (sec. 4.2), and the list of your achievements (sec. 4.2) are exempted if you graduated (or are anticipated to graduate in this academic year) from the master's program of any of the following departments: Department of Electrical Engineering and Information Systems, Department of Electrical Engineering, Department of Electronic Engineering, and Department of Information and Communication

This document is a translation from the official Japanese version.

In the case of conflict, the Japanese version shall prevail and be conclusive.

Engineering, in the Graduate School of Engineering, the University of Tokyo; Department of Frontier Informatics in Graduate School of Frontier Sciences, the University of Tokyo; and any Department in the Graduate School of Information Science and Technology, the University of Tokyo.

- They may be exempted if you graduated (or are anticipated to graduate in this academic year) from the master's program of the following departments: Department of Advanced Energy in Graduate School of Frontier Sciences, the University of Tokyo; Graduate School of Interdisciplinary Information Studies, the University of Tokyo; and Department of Information Engineering in Graduate School of Engineering, the University of Tokyo. Ask the Department Admission Office for your eligibility.

4.4. Oral Exam

You should present your master's thesis research (or similar activity) and your research plan of doctor studies. You are required to prepare slides of your presentation. The time available will be announced before your presentation, and it is typically about 15 minutes. After your presentation, questions will be asked about the presentation as well as about the written exams. All applicants are subject to this oral exam.

1. Research theme (title); 2. Applicant's name; and 3. Statement about the purpose of admission

Describe "1. Research theme," "2. Applicant's name," and "3. Statement about the purpose of admission" concisely within one A4 page in Japanese or English. Refer to "Admission Guide" for the description.

Note:
1. Use letters of 11-point or larger font sizes.
2. The title and instructions on the upper part of each page must be left intact.
3. Do not exceed the maximum number of pages specified in the instructions. Do not delete any pages even if they are blank.

1. Research theme

2. Applicant's name

3. Statement about the purpose of admission

4. Research plan; 5. References; and 6. Other special notes

Describe "4. Research plan in the Master's Program," "5. References," and "6. Other special notes" concisely within three A4 pages in Japanese or English. Refer to "Admission Guide" for the description.

"4. Research plan in the Master's Program" must present the research that an applicant desires to work on at the graduate school; the (Summary) part must summarize the research briefly and then the (Main text) part must specifically and clearly present (1) Research background and objectives; (2) Research vision (i.e., what will be elucidated, and to what extent and how will it be pursued); (3) Trends related to the research field and the positioning of the research; and (4) Other remarks (e.g., preparation status towards achievement, and the circumstances leading to conception of the research).

"5. References" must list documents serving useful references, and documents cited in "4. Research plan in the Master's Program."

"6. Other special notes" must present other items such as research achievements, awards, certifications related to the research, and skills that are useful to evaluate an applicant.

Note:
1. Use letters of 11-point or larger font sizes.
2. The title and instructions on the upper part of each page must be left intact.
3. Do not exceed the maximum number of pages specified in the instructions. Do not delete any pages even if they are blank.
4. Present the source documents in "5. References" in citing any sentences, figures, or tables presented in papers or articles. (The research plan may be deemed to be invalid if it contains any sentences, figures, or tables presented in papers or articles without presenting their sources.)
5. Each document listed in "5. References" must be referred by the (Main text) part in "4. Research plan in the Master's Program."

4. Research plan

(Summary)

(Main text)
(1) Research background and objectives

(2) Research vision

(3) Trends related to the research field and the positioning of the research

(4) Other remarks

5. References

[1] Reference 1
[2] Reference 2

6. Other special notes

Letter of Recommendation (Master's Program)

Department of Information and Communication Engineering
Graduate School of Information Science and Technology, The University of Tokyo

Please upload this recommendation to the site specified by the graduate school.

Examinee's number (Leave blank)		Name of Applicant	

Relation to the applicant	
How long you have known the applicant	
Evaluation	Please give your assessment of the applicant's performance in your experience (e.g., academic, research, and work) by marking a circle below. S ・ A ・ B ・ C ・ D ※ S：Outstanding (Top 5%), A: Excellent (Top 10%), B：Good (Top 30%), C: Average (Top 50%), D: Below Average

I hereby certify that the information provided on both sides of this document is true.			
Recommender	Date (Y/M/D)		
	Place of employment and job title, etc		
	Contact (e-mail, phone etc.)		
	Name		Signature

Recommendation

List of Faculties (as of Apr. 2025)

Department of Information and Communication Engineering
Graduate School of Information Science and Technology
The University of Tokyo

[A. Hongo Campus]

Professor	Hiroshi Esaki
Professor	Hitoshi Iba
Professor	Takashi Naemura
Professor	Kenjiro Taura
Professor	Yoshimasa Tsuruoka
Professor	Toyotaro Suzumura
Professor	Hidetsugu Irie
Professor	Toshihiko Yamasaki
Professor	Keiki Takadama
Professor	Yoko Yamakata
Professor	Junichiro Mori
Associate Professor	Rie Yamaguchi
Associate Professor	Yoshihiko Hasegawa
Associate Professor	Hideya Ochiai
Senior Assistant Professor	Yusuke Matsui
Senior Assistant Professor	Junichiro Kadomoto

[B. Komaba Research Campus Institute of Industrial Science]

※	Professor	Kaoru Sezaki
	Professor	Yoichi Sato
	Professor	Kanta Matsuura
	Professor	Masashi Toyoda
	Professor	Kazuo Goda
	Professor	Shinya Sugiura
	Associate Professor	Naoki Yoshinaga
	Associate Professor	Shunsuke Kamijo
	Associate Professor	Yusuke Sugano

[C. Hitotsubashi Campus National Institute of Informatics]

Professor	Shin'ichi Satoh
Professor	Isao Echizen

※ do not accept students

Department-specific Conditions on Submitted Documents

For other conditions on submitted documents common to all the departments, check the Admission Guide of the Graduate School.

List of Department-Specific Documents :

	Summer Entrance Examinations		Winter Entrance Examinations	
	Documents to be Subimitted	Who to Submit	Documents to be Subimitted	Who to Submit
Master Program	Research Plan (Use the form shown in this document)	All Applicants	Research Plan (Use the form shown in this document)	All Applicants
	Recommendation Form (Use the form shown in this document)	All Applicants	Recommendation Form (Use the form shown in this document)	All Applicants
Doctoral Program	Summary paper (A4 size, 4 pages maximum)	All Applicants	Summary paper (A4 size, 4 pages maximum)	All Applicants
	List of achievements	※1	List of achievements	※1
	Recommendation Form (Any form)	※1	Recommendation Form (Any form)	※1
Doctoral Program (Special Selection for Professionals)	Summary paper (A4 size, 4 pages maximum)	All Applicants	Summary paper (A4 size, 4 pages maximum)	All Applicants
	Publication list	※2	Publication list	※2
	Supervisor's Letter of Recommendation (Any form)	All Applicants	Supervisor's Letter of Recommendation (Any form)	All Applicants

Department-specific Conditions on TOEFL Scores :

	Summer Entrance Exams	Winter Entrance Exams
Master Program	All applicants must submit.	All applicants must submit.
Doctoral Program	※1	※1
Doctoral Program (Special Selection for Professionals)	※2	※2

※1
- Exempted if you graduated or are anticipated to graduate in this academic year from the master's program of any of the following departments: Department of Electrical Engineering and Information Systems, Department of Electrical Engineering, Department of Electronic Engineering, and Department of Information and Communication Engineering, in the Graduate School of Engineering, the University of Tokyo; Department of Frontier Informatics in Graduate School of Frontier Sciences, the University of Tokyo; and any Department in the Graduate School of Information Science and Technology, the University of Tokyo.

- May be exempted if you graduated or are anticipated to graduate in this academic year from the master's program of the following departments: Department of Advanced Energy in Graduate School of Frontier Sciences, the University of Tokyo; Graduate School of Interdisciplinary Information Studies, the University of Tokyo; and Department of Information Engineering in Graduate School of Engineering, the University of Tokyo. Ask the Department Admission Office for your eligibility.

※2
- Exempted if you graduated from the master's program of any of the following departments: Department of Electrical Engineering and Information Systems, Department of Electrical Engineering, Department of Electronic Engineering, and Department of Information and Communication Engineering, in the Graduate School of Engineering, the University of Tokyo; Department of Frontier Informatics in Graduate School of Frontier Sciences, the University of Tokyo; and any Department in the Graduate School of Information Science and Technology, the University of Tokyo.

- May be exempted if you graduated from the master's program of the following departments: Department of Advanced Energy in Graduate School of Frontier Sciences, the University of Tokyo; Graduate School of Interdisciplinary Information Studies, the University of Tokyo; and Department of Information Engineering in Graduate School of Engineering, the University of Tokyo. Ask the Department Admission Office for your eligibility.