

**This document is a translation of the authoritative Japanese version.**

**Entrance Examination Guide for the 2023 Academic Year,  
Department of Mechanical Engineering,  
Graduate School of Engineering,  
the University of Tokyo**

**Master's Program (Application Schedule A)  
Integrated M.S./ Ph.D. Program (Application Schedule A)  
Doctoral Program (Application Schedules A and B)**

· In case that the contents of this entrance examination guide should change because of the pandemic state of COVID-19 or other factors, the revised guide will be pronounced at the websites of the school of engineering;  
([http://www.t.u-tokyo.ac.jp/soe/admission/general\\_guideline.html](http://www.t.u-tokyo.ac.jp/soe/admission/general_guideline.html))  
and the department of mechanical engineering;  
(<http://www2.mech.t.u-tokyo.ac.jp/admissions/>). Please confirm these websites as needed.

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This guide serves as a supplement to the “Guidelines for Applicants to the 2023 Master's Program of the Graduate School of Engineering, the University of Tokyo” and the “Guidelines for Applicants to the 2023 Doctoral Program of the Graduate School of Engineering, the University of Tokyo.” Read carefully this guide and the relevant guidelines before the application.

## 1. Admission Schedule

### (Application Schedule A)

- For the master’s program and the integrated M.S./ Ph.D. program (those wishing to advance to a doctoral program), the qualified applicants who are expected to graduate from a university by March 31, 2023 will be enrolled in April 2023, and the qualified applicants who are already graduated from a university at the time they apply or expected to graduate by September 30, 2022 may be enrolled in either October 2022 or April 2023.
- For the doctoral program, the qualified applicants who are expected to complete a graduate school master’s program by March 31, 2023 will be enrolled in April 2023, and the qualified applicants who already completed a graduate school master’s program or are expected to complete it by September 30, 2022 may be enrolled in either October 2022 or April 2023.

### (Application Schedule B)

- Applicants for the Application Schedule B examination will only be enrolled in April 2023.

## 2. Supervisors

Faculty members indicated by an asterisk (\*) in the faculty list cannot serve as supervisors for students in any program. Faculty members indicated by a diamond (◇) cannot serve as supervisors for students in the integrated M.S./ Ph.D. program. Faculty members indicated by a double circle (◎) cannot serve as supervisors for students in the integrated M.S./ Ph.D. program or doctoral program.

Note: The faculty list is accurate as of May 2022 and is subject to change.

### (1) Master’s program

The applicants to the master’s program must fill out the inquiry sheet distributed on the day of the entrance examination and submit it by the deadline. Your supervisor will be assigned considering your written examination scores and the requests from all the applicants, thus we do not guarantee you the first choice of supervisor to be assigned. Please read the instructions on the inquiry sheet carefully and fill in the names of faculty members whom you wish to be your supervisor.

### (2) Integrated M.S./Ph.D. program (those wishing to advance to a doctoral program)

The applicants to the integrated M.S./Ph.D. program must first visit a prospective supervisor you prefer to receive a provisional letter of acceptance which proves his/her supervision and submit it with your application. It is also possible to consult with the department chair (see below) regarding the selection of supervisor.

(3) Doctoral program

The applicants to the doctoral program must first receive consent from a prospective supervisor and discuss issues including your research topic before submitting your application. It is also possible to consult with the department chair regarding the selection of supervisor.

Department Chair: Professor Ryo Shirakashi Tel: +81-3-5452-6217

3. Master's Program (Application Schedule A only)

(1) Entrance examination

(a) Written examination

The written examination for the master's program covers a) regular education subject (mathematics), b) foreign language (please submit your TOEFL score\*), and c) the following specialized subjects (mechanical engineering).

Specialized Subject	Fields
Mechanical engineering (part 1)	Questions are primarily from the fields of thermal engineering and fluid engineering.
Mechanical engineering (part 2)	Questions are primarily from the fields of material mechanics, mechanical dynamics/control engineering and mechanical design/production engineering.

International students and examinees will be provided with English version of the exam questions for the specialized subject (mechanical engineering) upon request. English version of exam questions for the regular education subject, mathematics, will be provided. Also, in mathematics, all six questions must be answered.

(b) Oral examination

Only applicants who pass the written examination will be allowed to take the oral examination, the results of which will be announced at 12:30 p.m. on Friday, September 2<sup>nd</sup>. The examinee will be questioned on the desired specialized field, research topics, and supervisor choice, as well as other subjects. The examinee will be called in the order that is announced at the designated meeting place on the examination day. Please note that the examinee who is not present when called will be disqualified from the oral examination.

(2) Application schedule

Please see the "Guidelines for Applicants to the 2023 Master's Program Graduate School of Engineering, the University of Tokyo."

4. Integrated M.S./ Ph.D. Program (Application Schedule A only)

(1) Entrance examination

(a) Written examination

The written examination for the integrated M.S./Ph.D. program covers a) foreign-language (please submit your TOEFL score\*) and b) the specialized contents for the integrated M.S./Ph.D. program (the contents related to each student's specialized field).

As the examination of the specialized contents for the integrated M.S./Ph.D. program (the contents related to each examinee's specialized field), the examinee will be asked about the research plan after the enrollment. International students and examinees will be provided with English explanations for the exam questions upon request.

(b) Oral examination

The examination include the questions about the desired specialized field, research topics and your prospective supervisor. The examinee will be called in the order announced at the designated meeting place on the examination day. Please note that the examinee who is not present when called will be disqualified from the oral examination.

(2) Application schedule

Please see the "Guidelines for Applicants to the 2023 Master's Program Graduate School of Engineering, the University of Tokyo."

## 5. Doctoral Program

(1) First stage examination

(a) Written examination

The written examination in the first stage examination for the doctoral program covers a) foreign language (please submit your TOEFL score\*) and b) the specialized contents for doctoral program (the contents related to each examinee's the specialized field). However, in the case that you have completed or are expected to complete a master's program at the Graduate School of Engineering, The University of Tokyo, you are exempted from a) the foreign language examination, and you only need to take an examination on b) the specialized contents for doctoral program (the contents related to each examinee's the specialized field).

Regarding the doctoral program specialized content examination (content related to your specialized field), international students and examinees will be provided with English explanations for the examination questions upon request.

(b) Oral examination

The examination include the questions about a) the specialized subject (mechanical engineering), b) the progress on your master's thesis or equivalent research and the research plans of the subject you wish to address, as well as your knowledge of mechanical engineering related to your research. However, in the case that you have completed or are expected to complete a master's program at the Department of Mechanical Engineering in the Graduate School of Engineering, The University of Tokyo, you are exempted from the questions for a) the specialized subject (mechanical engineering).

(2) Second stage of examination

Only the applicants who pass the first stage of examination will be allowed to take the second stage of examination for the doctoral program. The second stage of examination consists of a presentation and a Q&A session on your completed master's thesis or other equivalent research. The examination is in principle held in late January, and the details will be notified later.

In the case that at the time of application you have already completed a graduate school master's program or are expected to complete it by September 30, 2022, the second stage of examination will be held in late August or early September. The details will be notified

later.

(3) About the application schedule

Please see the “Guidelines for Applicants to the 2023 Doctoral Program Graduate School of Engineering, the University of Tokyo.”

(4) The day for the announcement of those who passed the examination in the (Application Schedule B)

February 9<sup>th</sup>, 2023 (Thursday)

## 6. Miscellaneous

The written examination and oral examination will be held in person at Hongo Campus, the University of Tokyo.

Examination scores collected during the admissions selection process may be used to discuss how to improve education and admission examinations at the Department of Mechanical Engineering.

- \* Applicants must have taken the TOEFL (iBT, iBT Special Home Edition, or ITP Plus for China) by ~~July 30<sup>th</sup>~~ and submitted their official score by August 19<sup>th</sup>. No TOEFL-ITP examination will be given at the graduate school admission examination venue. The applicants using the Application Schedule A and failing to submit their official TOEFL score must report to the department office by June 10. Please see the attached guidelines “Notice regarding Foreign-language (English) Examinations in 2023 Graduate School of Engineering, The University of Tokyo Entrance Examinations” for more details. As for TOEFL-iBT, the Department of Mechanical Engineering uses Test Date scores as your submitted score and disregards MyBest™ score.

Application Schedule A: Schedule for the Department of Mechanical Engineering Master's and Doctoral Program Entrance Examinations

Program	Exam Subject		Time and Date	Exam Venue	Items to Bring	Notes
Master's Program	Foreign Language	English				Submission of an official TOEFL score ※1
	Regular Education Subjects	Mathematics (6 problems)	Monday, August 29 1:00 to 3:00 p.m.	Hongo Campus, Engineering Bldg. 2 Examination room: TBD	Black pencils (or black mechanical pencils) Eraser Pencil sharpener (no desktop sharpeners) Watch (basic timekeeping functions only)	Applicants will be informed about the examination room at a later date.
	Specialized Subjects	Mechanical Engineering (Part 1)	Tuesday, August 30 9:00 to 11:00 a.m.			
		Mechanical Engineering (Part 2)	Tuesday, August 30 1:00 to 4:00 p.m.			
	Oral Examination		Friday, September 2 From 1:00 p.m.	Hongo Campus, Engineering Bldg. 2, Department of Engineering Conference Room, etc.		Applicants should meet at Room 221 in Faculty of Engineering Bldg. 2 at 12:30 p.m.
Integrated MS/PhD Program	Foreign Language	English				Submission of an official TOEFL score ※1
	Specialized Content	Content Related to the Specialized Field in Question	Wednesday, August 31 9:00 to 10:00 a.m.	Hongo Campus, Engineering Bldg. 2 Examination room: TBD	Black pencils (or black mechanical pencils) Eraser Pencil sharpener (no desktop sharpeners) Watch (basic timekeeping functions only)	Applicants will be informed about the examination room at a later date.
	Oral Examination		Friday, September 2 From 1:00 p.m.	Hongo Campus, Engineering Bldg. 2, Department of Engineering Conference Room, etc.		Applicants should meet at Room 221 in Faculty of Engineering Bldg. 2 at 12:30 p.m.
Doctoral Program	Foreign Language	English				Submission of an official TOEFL score ※1
	Specialized Content	Content Related to the Specialized Field in Question	Wednesday, August 31 9:00 to 10:00 a.m.	Hongo Campus, Engineering Bldg. 2 Examination room: TBD	Black pencils (or black mechanical pencils) Eraser Pencil sharpener (no desktop sharpeners) Watch (basic timekeeping functions only)	
	Oral Examination		Wednesday, August 31 From 1:00 p.m.			Applicants will be informed about their examination time and room at a later date.

※1 Applicants must have taken the TOEFL (iBT, or iBT Special Home Edition) ~~by July 30st~~ and submitted their official score by August 19th. No TOEFL-ITP examination will be held at the graduate school admission examination venue. The applicants using the Application Schedule A and failing to submit their official TOEFL score must report to the department office by June 10. Please see the attached guidelines "Notice regarding Foreign-language (English) Examinations in 2023 Graduate School of Engineering, The University of Tokyo Entrance Examinations" for more details. As for TOEFL-iBT, the Department of Mechanical Engineering uses Test Date scores as your submitted score and disregards MyBest™ score.

Schedule B: Schedule for the Department of Mechanical Engineering Doctoral Program Entrance Examination

Program	Exam Subject		Time and Date	Exam Venue	Items to Bring	Notes
Doctoral Program	Foreign Language	English				Submission of an official TOEFL score ※2
	Specialized Content	Content Related to the Specialized Field in Question	Friday, January 20, 2023 from 9:00 a.m.	Hongo Campus, Engineering Bldg. 2 Examination room: TBD	Black pencils (or black mechanical pencils) Eraser Pencil sharpener (no desktop sharpeners) Watch (basic timekeeping functions only)	Applicants will be informed about the examination room at a later date.
	Oral Examination		Friday, January 20, 2023 from 1:00 p.m.	or Online		Applicants will be informed about their examination time and room at a later date.

※2 Applicants must submit an official TOEFL (iBT, or iBT Special Home Edition) score during the application process. No TOEFL-ITP examination will be held at the graduate school admission examination venue. Please see the attached guidelines "Notice regarding Foreign-language (English) Examinations in 2023 Graduate School of Engineering, The University of Tokyo Entrance Examinations" for more details.