

2024 Guide to the Doctoral Program Entrance Examination

Department of Architecture, Graduate School of Engineering, The University of Tokyo

1. Eligibility

Applicants must meet the requirements for eligibility in the Guidelines for Applicants to the 2024 Doctoral Program of Graduate School of Engineering, The University of Tokyo. There are no restrictions regarding past fields of specialization or when qualifications were attained. In addition, those who have been conferred a degree equivalent to a master's degree from a foreign graduate school must be enrolled as a research student for at least six months before admission to the doctoral program as a general rule.

This is the only doctoral program entrance examination in this year.

2. Prospective Supervisors, Application Forms and Letters of recommendation

Graduate students pursue research under their supervisors. Therefore, applicants must select up to 2 prospective supervisors from the supervisor list on page 4 - 5 and fill their names in the box B of the exhibit No. 1. The exhibit No. 1 must be uploaded with the other application documents at the time of application.

- (1) Present research content and the Doctoral program research: In addition, applicants must describe about their present research content and the doctoral program research in the section A of the exhibit No. 1.
- (2) Score proof of English language test: English language test for the entrance examination of Department of Architecture will be based on the official scores of TOEFL, IELTS, or TOEIC submitted by the applicants (our faculty recommends TOEFL). The English language score must be uploaded and received by 15:00 5th July 2023 (JST). There is no deadline for taking the English tests. The English test scores are only valid for examinations taken in September 2021 or later. The detailed information on the required scores to submit is summarized below.

TOEFL	Upload an official score of TOEFL iBT or TOEFL iBT Home Edition. The score must be submitted in accordance with “Notice regarding Foreign-language (English) Examination in 2024 Graduate School of Engineering, The University of Tokyo”. We accept “Test Date Scores”.
IELTS	Upload a digital copy of official score (Test Report Form) of IELTS Academic or IELTS Indicator to Graduate School of Engineering together with “Document to Submit”. And the official score (Test Report Form) should be submitted to Admission team of Department of Architecture by registered post*1. The document should be received by 12 th July, 2023. If the documents are not received by 12 th July, the applicant will be disqualified from the examination.
TOEIC	Upload a digital copy of official score (Official Score Certificate) of TOEIC Listening & Reading to Graduate School of Engineering together with “Document to Submit”. And the original score certificate (Official Score Certificate) should be submitted to Admission team of Department of Architecture by registered post*1. Score Report of “Institutional Program” is also accepted. The document should be received by 12 th July, 2023. If the documents are not received by 12 th July, the applicant will be disqualified from the examination.

*1 : Department of Architecture, Graduate School of Engineering, The University of Tokyo
7-3-1 Hongo, Bunkyo-ku Tokyo, 113-8656 Japan

Envelopes must also clearly indicate the receipt number of the application.

- (3) Letters of recommendation: Applicants who have completed or are expected to complete a graduate school other than the Graduate School of Engineering, the University of Tokyo must submit two letters of recommendation (free format; no more than one A4 sheet; one must be from applicants' graduate school

faculty).

Two letters of recommendation must be uploaded with the other application documents at the time of application. If necessary, related documents may be attached.

3. Enrollment Capacity and Admission Period

The enrollment capacity for the 2023 doctoral program of the department of architecture is 16. The number of students admitted to each professor is restricted to avoid unbalanced research environments within the department. Successful applicants usually enter in April 2024. However, successful applicants who have completed or are expected to complete a master's program by September 2023 may enter in October 2023.

4. Selection Methods

Selection of students for admission shall be based on the first examination and the second examination described below.

(1) First examination

(A) Written examination

Subject	Time limit	Content
1. Foreign language ^{*1}		English (evaluation by TOEFL [®] , IELTS, TOEIC score)
2. Specialized subjects ^{*1} Specialized subject II	3 or 4 hours	Applicants select a group out of four groups below and solve the problem related to the selected group. The selected group must be described in <u>the Box C of the Exhibit No. 1.</u> Group 1: Design (4 hours) Group 2: Architectural Planning & Design, Architectural History, and Building System & Construction (3 hours) Group 3: Environmental Engineering (3 hours) Group 4: Structures & Materials (3 hours)

*1 For those who have completed or are expected to complete the master's program of the Graduate School of Engineering, the University of Tokyo, the written examination will be omitted.

(B) Oral examination

Interviews for about ten minutes per person shall be conducted. The language of the interviews will be Japanese or English.

(2) Second examination

Applicants will make a presentation of their master thesis, research paper that can be replaced by master thesis, and so on.

If the applicant's master thesis is written in Japanese or English, the applicants must submit their master thesis.

If the master thesis is written in any other language, the applicants must submit one copy of their master thesis together with the summary of the thesis in Japanese or English (approximately 30 pages, in A4 format, 400 words/page) to the office of the department of architecture by the deadline indicated in the next page.

In addition, applicants who continue from the master's program of this department and enter the doctoral program must follow the submitting guideline of this department.

5. Examination Schedule

(1) First examination

	Subject	Date & time	Items to bring	Important note
(A) Written examination *1	English			Submit TOEFL® , ILETS, TOEIC score.
	Specialized subject II Group 1	Wednesday, August 30 9:00 - 13:00	Pencils, erasers, pencil sharpeners, compasses, T-squares, rulers, coloring devices, and set squares	
	Specialized subject II Group 2 Group 3 Group 4	Wednesday, August 30 9:00 - 12:00	Pencils, erasers, pencil sharpeners, compasses, and set squares	
(B) Oral examination (Interviews)		Thursday, August 31 Afternoon		Details on the waiting place and time will be posted on the Department's website*2.

*1 For those who have completed or are expected to complete the master's program of the Graduate School of Engineering, the University of Tokyo, this examination will be omitted.

*2 <https://arch.t.u-tokyo.ac.jp/>

(2) Second examination

	Subject	Target applicant	Date & time	Venue	Important note
Presentation and review of the master thesis *1		All applicants wishing to enter in April 2024	Monday, January 22 in 2024 Tuesday, January 23 in 2024 (Tentative)	Lecture room 11 and 12 in Engineering Building 1	Detail information of the presentation and board of review will be announced later. The master thesis, research paper that can be replaced by master thesis, and so on must be submitted to the office of the department of architecture, no later than 4 pm, Monday 15th January 2024
		Applicants who wish to enter in October 2023 and expect to complete the master's course of this department in September 2023 *2	Monday morning on July 31 or August 1 in 2023	Lecture room 15 in Engineering Building 1	Detail information of the presentation and board of review will be announced later. The master thesis, research paper that can be replaced by master thesis, and so on must be submitted to the office of the department of architecture, no later than 4 pm, Monday 24th July 2023
		Applicants who wish to enter in October 2023 and do not fall under the above fields *2	Thursday morning on August 1st in 2023	Lecture room 15 in Engineering Building 1	

*1 Those who have completed or are expected to complete the master's program of other than the department of architecture, Graduate School of Engineering, the University of Tokyo must prepare about 20 copies of the dissertation summary, which has no limit to the number of pages and is in Japanese or English, for distribution on the day of the presentation.

This document is a translation from the authoritative Japanese version

*2 The applicants must have obtained or are expected to obtain a Master's degree by September 2023.

6. Notes

- (1) Applicants should carefully read the Notice for Examination ~The 2024 Master's / Doctoral Program, Graduate School of Engineering, the University of Tokyo~ at the end of this document.
- (2) Entering the examination room 30 minutes after the beginning of the specialized subjects is prohibited under any circumstances.
- (3) Perform the identity verification at the time of the test using the photograph on the admission card. Failure to confirm your identity may result in disqualification.
- (4) Other related information, such as examination venue, will be posted on the department's Web site (<https://arch.t.u-tokyo.ac.jp/>), so please check there from time to time.

List of academic supervisors and their research fields at the Department of Architecture

(Faculty member's names are in Japanese syllabary order)

Faculty member's name	Affiliation*	Research division	Research field
Professor Yasunori AKASHI	A	Environment	Building Energy System, Thermal Environment, Operation and Management, Commissioning
Associate professor Tatsuya ASAI	IIS	Structure & Material	Seismic Engineering, Tsunami Resilient Design, Reinforced Concrete Structure
Project professor Yasushi IKEDA	A	Design	Architectural Informatics, Architectural Design
Associate professor Tatsuya ITOI	A	Structure & Material	Resilience engineering, risk-informed and performance-based design, earthquake engineering
Professor Kotaro IMAI	IIS	Planning	Architectural Planning and Design, Urban Analysis
Associate professor Jun IYAMA	A	Structure & Material	Steel Structure, Corrosion Mechanics, Seismic Wave Analysis, Fail-safe structural system
Professor Yumiko IWAFUNE	IIS	Environment	Energy system analysis
Associate professor Satoshi UNNO	A	History	Japanese architectural history, Conservation of cultural properties
Professor Ryozo OOKA	IIS	Environment	Building and urban environmental engineering, Sustainable engineering
Professor Toshio OTSUKI	A	Planning	Architectural Planning, Residential Area Planning, Housing Studies, Housing Policy, Disaster Recovery Design
Associate professor Yusuke OBUCHI **	A	Design	Digital Fabrication, Design Thinking, Urban Ecology, Communication and Media
Professor Koichi KATO	A	History	History of Western Architecture
Professor Kenichi KAWAGUCHI	IIS	Structure & Material	Spatial Structure Engineering, Structural Engineering
Associate professor Yoshiyuki KAWAZOE	IIS	Design	Architectural Design, Theory of Scenery
Associate professor Hideki KIKUMOTO	IIS	Environment	Urban & Building Environment, Environmental Control Engineering
Professor Koichi KUSUNOKI	ERI	Structure & Material	Earthquake Engineering, Structural Health Monitoring, Reinforced Concrete Structure
Project Associate professor Tsuyoshi KOYAMA	A	Structure & Material	Computational Mechanics, Hydro Resistant Structures
Professor Mikio KOSHIHARA	IIS	System & Construction	Wood Engineering, Building Construction
Associate professor Tomoyuki GONDO	A	System & Construction	Building System, Construction Management
Professor Shinichi SAKAMOTO	IIS	Environment	Applied Acoustic Engineering (Architectural Acoustics and Noise Control)
Professor Tetsuya SAKUMA	A	Environment	Sound Environment, Architectural Acoustics, Noise Control, Living Environment
Associate professor Seitaro TAJIRI	A	Structure & Material	Earthquake engineering, Reinforced concrete structure

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Faculty member's name	Affiliation*	Research division	Research field
Professor Tomohiro TACHI	C	Structure & Material	Structural Geometry, Computational Design
Project Associate Professor Keiichiro TANIGUCHI	A	Environment	Building Environmental Engineering, Building Environmental Simulation
Professor Manabu CHIBA	A	Design	Architecture and Urban Design
Project professor Keisuke TOYODA	IIS	Design	Digital Spatial Description / Common Ground
Professor Yoshiaki NAKANO	IIS	Structure & Material	Reinforced Concrete and Masonry Buildings, Seismic Capacity Evaluation and Retrofit, Tsunami-Resistant Buildings/Facilities, Urban Disaster Mitigation
Professor Takafumi NOGUCHI	A	Structure & Material	Building materials, Resource recycling, Carbon neutral, Durability design, Maintenance, Fire prevention
Associate professor Kengo HAYASHI	IIS	History	Asian Architectural and Urban History, Urban Sustainability Studies
Professor Kaori FUJITA	A	System & Construction	Timber Structure, Traditional Building Construction
Associate professor Kentaro HONMA	IIS	Planning	Architectural Planning and Design, Mathematical Engineering of Spatial Design
Associate professor Yudai HONMA	IIS	Planning	Architecture and Urban Planning, Traffic Engineering, Social System, Mathematical Optimization
Associate professor Yusuke MAIDA	ERI	Structure & Material	Earthquake engineering, Reinforced concrete structure, Damage control system
Associate professor Masayuki MAE	A	Environment	Environmental Control Engineering, Energy System
Associate professor Yuji MATSUDA	A	Planning	Architectural Planning and Design, Medical and Welfare Facilities' Planning, Universal Design
Professor Ippei MARUYAMA	A	Structure & Material	Building material engineering, Materials for extreme conditions, Aging management of concrete structures, preservation of historical buildings
Associate professor Hiroe MIYAKE	ERI	Structure & Material	Earthquake Engineering & Engineering Seismology, Strong Ground Motion, Earthquake Disaster
Associate professor Motoki YASUHARA	A	Design	Architectural Design
Professor Satoshi YAMADA	A	Structure & Material	Steel Structure, Earthquake Engineering, Base Isolated Structure, Passive Control Structure
Professor Yurika YOKOYAMA	C	Planning	Architectural Planning Research, Human-environment Studies, Design Studies
Associate professor Hideki YOSHIOKA	A	Structure & Material	Fire Engineering for Buildings, Urban Fire Safety.

* A: The Department of Architecture, Graduate School of Engineering

ERI: Earthquake Research Institute

IIS: Institute of Industrial Science

C: Graduate School of Arts and Sciences

** Only for Architecture and Urban Design Course (G30-UDA) students.

Hongo Campus

Yayoi Campus

Komaba II Campus

Komaba I Campus