

2024 Guide to the Master's 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 Master's Program of Graduate School of Engineering, The University of Tokyo. There are no restrictions regarding past fields of specialization or when qualifications were attained.

This is the only master's program entrance examination in this year.

2. Prospective Supervisors and Application Forms

Graduate students pursue research under their supervisors. Therefore, applicants must select up to 3 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) Master's Program Research: Applicants must describe about their desired research theme in the section A (Master's Program Research) of the exhibit No. 1. In addition, fill the name of your prospective supervisors in the box B and a "0" in box C for the selected group for Specialized subject II.
- (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

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

3. Enrollment Capacity and Admission Period

The enrollment capacity for the 2024 master's program of the department of architecture is 32. 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

graduated or are expected to graduate from university by September 2023 may enter in October 2023.

4. Selection Methods

Selection of students for admission shall be based on a written examination and an oral examination described below.

(A) Written examination

| Subject | Time limit | Content |
|---------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Foreign language *1 | | English (evaluation by TOEFL®, ILETS, TOEIC score) |
| 2. Specialized subjects *1 (1) Specialized subject I | 3 hours | (1) is a fundamental test related to architecture. |
| (2) Specialized subject II | 3 or 4 hours | As for (2), 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 Applicants who do not take all the foreign language and specialized subjects (specialized subject I and specialized subject II) will be disqualified.

(B) Oral examination

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

5. Examination Schedule

| | Subject | Date & time | Items to bring | Important note |
|--------------------------------------|---------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| (A) Written examination | English | | | Submit TOEFL®, ILETS, TOEIC score. |
| | Specialized subject I | Tuesday, August 29 9:00 - 12:00 | Pencils, erasers, pencil sharpeners, compasses, and set squares | |
| | 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) | | Friday, September 1 9:00 - 14:00 | | Details on the waiting place and time will be posted on the Department's website*1. |

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

6. Notes

(1) Applicants should carefully read the Notice for Examination ~The 2023 Master's / Doctoral Program, Graduate School of Engineering, the University of Tokyo~ at the end of this document.

This document is a translation from the authoritative Japanese version

- (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 |
| 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 |
| Professor Mikio KOSHIHARA | IIS | System & Construction | Wood Engineering, Building Construction |
| Project Associate professor Tsuayoshi KOYAMA | A | Structure & Material | Computational Mechanics, Hydro Resistant Structures |
| 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 |
| Professor Tomohiro TACHI | C | Structure & Material | Structural Geometry, Computational Design |

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| Faculty member's name | Affiliation* | Research division | Research field |
|----------------------------------------------------|--------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Ipppei MARUYAMA | A | Structure & Material | Building material engineering, Materials for extreme conditions, Aging management of concrete structures, preservation of historical buildings |
| Professor Toru MITANI ※ | A | Design | Landscape design, Spatial morphology |
| 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 Sciences

C: Graduate School of Arts and Science

※ Retirement is scheduled on March 2025.

Hongo Campus

Yayoi Campus

Komaba II Campus

Komaba I Campus

A 修士課程での研究について Master's Program Research

受験番号 *1 Exam ID *1 _____
*1 は記載しないこと / *1 Do not fill in

受験者氏名 Examinee Name _____

面接試験の参考となるので研究内容などを具体的に記述すること。PC 等で作成 (A4 サイズ・片面・1 枚) し、添付可。
State specific research details for the interview. You can make by PC (One A4 size sheet, single side printing) and attach.

Blank lines for writing research details.

B 研究の指導を希望する教員を「令和 6(2024)年度東京大学大学院工学系研究科建築学専攻修士課程入学志願者案内」3 頁の表から最大で 3 名選択し、以下の欄に教員名を記入すること。
Applicants must select up to three prospective academic supervisors from the table on pages 4 & 5 of "2024 Guide to the Master's Program Entrance Examination Department of Architecture, Graduate School of Engineering, The University of Tokyo" and write their names in the following table.

| | 第一希望 1st choice | 第二希望 2nd choice | 第三希望 3rd choice |
|-----------------------------------|-----------------|-----------------|-----------------|
| 教員名 Academic supervisor's name | | | |

C 希望する群に○を記入すること。 Fill in a "○" for the desired group.
入学志願者案内 4. 選抜方法の(A)筆記試験参照 Refer to 4 (A) in the guide

| 専門課題 II Special Subject II | 第 1 群 | 第 2 群 | 第 3 群 | 第 4 群 |
|-------------------------------|-------|-------|-------|-------|
| | | | | |