

The type of students sought

The educational and research activities of the Department of Architecture cover the buildings and urban spaces that comprise the urban environment. Students need to have a sense of social responsibility that is underpinned by the importance of that field, a sense of mission in leading society field, the ability to work with the diverse variety of professionals involved in manufacturing and construction, and the ability to communicate smoothly with people from other countries.

We would like to meet you if you possess such qualities and such drive and are able to obtain intellectual stimulation from learning about architecture and urban spaces, which comprise various elements.

Admission policy (criteria for students)

1. A basic and all-round level of ability in mathematics, humanities, social studies, languages, etc.
2. A strong interest in architecture and cities, a desire to study, and the ability to take action
3. The ability to formulate precise theories and articulate them effectively
4. An interest in models and space designs and the desire to create beautiful ones



Obtainable qualifications

- A Bachelor of Engineering degree: awarded upon graduation
- Eligibility to take the 1st and 2nd levels of the Authorized Architect and Builder exam: obtainable after taking subjects designated by the Ministry of Land, Infrastructure, Transport and Tourism and gaining a certain level of vocational experience

Deegree award policy

Students who are awarded a Bachelor of Engineering degree by the Department of Architecture will possess the following abilities:

- [A] A broad knowledge and understanding of human science, social science, natural science, and engineering in general
- [B] An understanding of engineering and environmental ethics and the ability to act in a moral fashion
- [C] Basic academic and applied abilities in natural science
- [D] Specialist knowledge of architecture and urban studies
- [E] The ability to apply specialist knowledge to identifying and solving problems
- [F] Project execution abilities
- [G] Communication abilities
- [H] Lifelong learning abilities



After graduation

Approximately 60 percent of graduates go on to graduate school [e.g. the Graduate School of Urban Environmental Sciences here at Tokyo Metropolitan University].

Graduates find jobs with a wide range of organizations, including private-sector companies, local governments, education and research institutions, and so on. Key employers of graduates, including those who have gone on to complete graduate school, include Obayashi Corporation, Kajima Corporation, Shimizu Corporation, Taisei Corporation, Takenaka Corporation, Nihon Sekkei, Nikken Sekkei, Mitsubishi Jisho Sekkei, NTT Facilities, Sekisui House, Asahi Kasei Homes, Daiwa House Industry, Sumitomo Forestry, INAX, Tostem, YKK AP, Kokuyo, Okamura Corporation, the Tokyo Metropolitan Government, Yokohama city government, Hachioji city government, Sagamiara city government, Tokyo Electric Power Company, Mitsubishi UFJ Trust and Banking, and the offices of architects and interior designers.

Entrance examinations

Prospective students in the Division of Architecture and Urban Studies must take an entrance examination for referred students or a general entrance examination.

- Please refer to Tokyo Metropolitan University's admissions website for information on how to obtain application guidance, details of the entrance examination schedule, and information about other entrance examinations: <http://www.tmu.ac.jp/entrance.html>

- Inquiries concerning entrance examinations
Please call the university on +81 42 677 1111 and ask to speak to the person in charge of entrance examinations for the Faculty of Urban Environmental Sciences in the entrance examination section of the administration department.

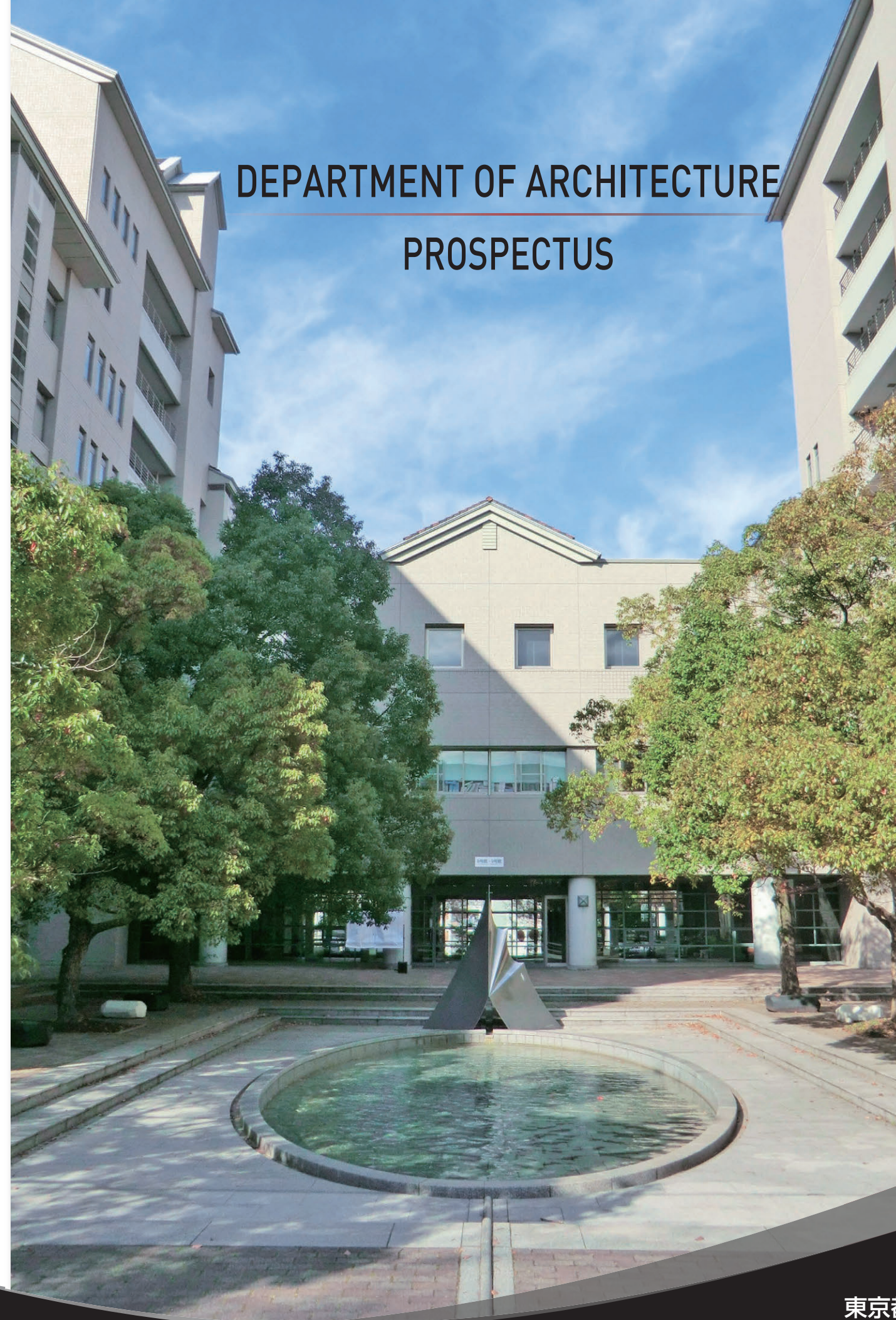
		Month held	
Entrance examination for referred students		November	
		February	March
General entrance examination	1st	February	
	2nd	March	

General inquiries

Department of Architecture
Faculty of Urban Environmental Sciences
Tokyo Metropolitan University

1-1 Minami-Osawa, Hachioji-shi, Tokyo, Japan 192-0397 Tel:+81 42 677 2792 [administrative office for the Department of Architecture]
Access: 12-minutes walk from Minami-Osawa Station on the Keio Sagami Line <http://www.ues.tmu.ac.jp/aus/>

DEPARTMENT OF ARCHITECTURE PROSPECTUS



About the Department of Architecture

The Department of Architecture allows students to grapple with the theory and practice of making buildings, and the cities that host them, safe, pleasant and beautiful places.

Buildings in Japan stand on land that is frequently subject to natural disasters such as earthquakes and typhoons. In addition, rapid urbanization has led to the appearance of cities, particularly the capital, Tokyo, that are densely packed with buildings. This means that solving the various problems involved in construction in Tokyo is extremely difficult. At the same time, this makes Tokyo's knowledge useful in countries that are catching up with us in urbanization and countries that are concerned about urban disasters. We in the Department of Architecture therefore provide education and conduct research aimed at solving architectural and urban problems.

In particular, a major task for Tokyo is making effective use of the vast building stock that has been accumulated over the years. Between 2003 and 2007, many of the teaching staff in the Department of Architecture took part in the MEXT [Ministry of Ministry of Education, Culture, Sports, Science and Technology] 21st Century COE Program, focusing on the development of techniques for regenerating and refurbishing the building stock in megacities. They developed a comprehensive range of techniques for utilizing building stock, which have been subject to great international acclaim. Moreover, alongside the task of making use of building stock, other serious issues include environmental problems and the low birthrate and aging population. To tackle these, between 2010 and 2013 Tokyo Metropolitan University worked with the Tokyo Metropolitan Government to lead a project aimed at developing construction technologies for a society in which urban building stock contributes to easing the burden on the environment. Between 2013-2017, the Department developed international architectural research and education base on "The Technology of Urban Architecture Rooted in Regional Asian Climates" granted by Tokyo Metropolitan University, Advanced Research under the Asian Human Resources Fund Program.

The utilization of building stock and measures to tackle environmental problems and the low birthrate and aging population are the central research tasks for the Department as a whole and research on them continues to be conducted here. As a result, another important feature of the Department of Architecture is that classes and research activities in the Department will continue to make use of the latest achievements of such research in various ways.

Features of the curriculum

The curriculum, which is based around architecture and urban space, is designed to enable students to systematically acquire a broad knowledge of buildings and cities. To that end, there are subjects that relate to each field of study. In the first year, students take introductory subjects. In the second year, they take basic subjects, and in the third and fourth years they can take advanced and applied subjects.

The subjects include both lectures and practical/laboratory training. The lecture subjects not only take students smoothly from the foundations of each field to their applications, they also take account of the relationships between different fields. The practical/laboratory subjects see students conduct experiments using campus facilities, which are state of the art for a university. They also offer great variety. For example, they take advantage of our location in Tokyo by including visits to newly-constructed high-rise buildings that comprise the modern urban landscape as well as walks around residential districts comprising traditional wooden houses. In architectural design subjects, in particular, students are given the creative task of thinking about what kinds of buildings or cities they would produce. Through this, students determine problems by themselves based on the knowledge they have acquired from the lecture subjects, so the focus is on equipping them with the ability to come up with convincing solutions. In the first year, students learn various methods of expression for architectural drawing, while from the second year they design major facilities such as art museums, community centers, schools, hotels, and housing. They are also given design assignments that cover the relationship between buildings and cities.

In the fourth year, students put together everything they have studied when they are assigned to a professor in their chosen field and conduct special research [graduation thesis, graduation design] through seminars.

What you will learn

The academic fields you will learn about in the Department of Architecture are shown in the following diagram. They are architectural planning, architectural design, architectural history, building production, structural engineering, building environments and facilities, and urban planning. They relate to all the science and arts subjects you studied in high school. What you learned in high school will therefore be useful, and a distinctive characteristic of the Department of Architecture is that students who like literature and students who like math can find a path that enables them to demonstrate their abilities.

After enrolling, you will first get a full grounding in the fundamentals of each field. This is because isolated knowledge, such as only design or only urban planning, is not enough to address all the interrelated issues of buildings in large cities and urban issues themselves. Instead, all-round knowledge is essential. We also make the most of the fact that the university was established by the Tokyo Metropolitan Government to offer practical learning that uses the city of Tokyo itself as study material, so that students acquire the ability to propose and resolve issues themselves. The objective is to train specialists in fields such as architecture and urban planning who possess broad knowledge and skills relating to buildings as a whole and are capable of tackling architectural and urban issues not only in Tokyo but in cities throughout the world.



	1st year 1st semester	1st year 2nd semester	2nd year 1st semester	2nd year 2nd semester	3rd year 1st semester	3rd year 2nd semester	4th year 1st semester	4th year (throughout the year)	Graduate school
Architectural design		I Architectural Expression Practice	B Architectural Design Drawing I	B Architectural Design Drawing II	AP Architectural Design I	AP Architectural Design II	AD Architectural Design III	AP Architectural Project Practice	Architectural fields
Building environments and facilities	I Environment and Architecture		B Architectural Environment	B Architectural Environment systems	AP Architectural Environment Laboratory Work AP Architectural Environment systems Design	AD Architectural Environment Design Practice		AP Special Research Seminar I	
Structural engineering	I Structural Engineering I	I Structural Engineering Dynamics II	B Structural Engineering III	AP Building Vibration Science AP Wooden Structures	AP Reinforced Concrete Structures AP Steel-Frame Structures	AP Structural Engineering Design Laboratory Work AD Structural Engineering Design Practice	AD Structural Engineering Dynamics IV	AD Special Research	
Building production		I Building Structurer	B Building Construction	B Building Materials I	AP Building Materials II AP Building Production	AP Building Construction Management		AP Architectural Project Practice II	
Architectural planning				B Architectural Planning I	AP Architectural Planning II				
Urban Planning		I Architecture and Culture	B Urban Planning		AP Analysis of Urban and Architectural Space	AP Urban Planning			
Architectural history			B Western Architectural History	B Japanese Architectural History		AP East Asian Architectural History			
Architectural design					AP Architectural Design				

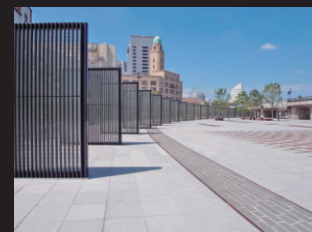
I Introductory subjects **B** Basic subjects
AP Applied subjects **AD** Advanced subjects



Presentation of designs produced for Architectural Design Drawing II [2nd year]



Models of outstanding works produced during Special Research [graduation designs] [4th year]



Zo-no-Hana Park in Yokohama [designed by Professor Masao Koizumi]



Design Survey on a historic townscape (Urban Planning)



Pouring concrete during a building construction experiment [3rd year]



Environmental Design Workshop with Kasetsart University, Thailand



"Dance of light" : Renovation Design of Noksapyeong Station (Seoul subway) designed by assistant prof. Jun Inokuma (Photo by Masao Nishikawa)



A Model produced by a student for Architectural Design I [3rd year]



Special Research [graduation thesis] [4th year] Surveying high-rise buildings in Doha, Qatar



Collaboration Workshop with School of Architecture, Hankyong National University in Korea



Collaboration Research Investigation of Green Building with Singapore Institute of Technology